

**PEST SITUATION OF FIELD CROPS, VEGETABLES & ORCHARDS FOR 2ND FORTNIGHT OF MARCH, 2023**

| DISTRICT | CROPS  | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES   |                                    |               |  |                        |               |
|----------|--------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|--|------------------------|---------------|
|          |        |              |                      |                      |                      | ABOVE ETL LOCALITIES   | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES   | No. of Spots Below ETL | AREA IN ACRES |
| Multan   | MANGO  | 29           | 485                  | 450                  | Scales               |  |                                    |               | Pahoor, 5 Faiz, 2 T, Chahn meran khan, Veins, Todar pur, Gawen.  | 9                      | 230           |
|          | MANGO  |              |                      |                      | Thrips               |  |                                    |               | Pahoor, Tara garh, 5 Faiz, Qadir pur lar, 2 T, Chahn meran khan  | 8                      | 129           |
|          | MANGO  |              |                      |                      | Hopper               | Gajju Hatta  | 2                                  | 4             | Pahoor, 5 Faiz, Rukanabad, 2 T, Veins, Gawen, Bagrain, Khakhi qomain, Deepal, Bait Mughal, Bahadur pur   | 11                     | 159           |
|          | MANGO  |              |                      |                      | MealyBug             | 5 Faiz, Qadir pur lar  | 2                                  | 50            |  |                        |               |
|          | MANGO  |              |                      |                      | Galls/ Midges        | Chahn meran khan   | 1                                  | 23            | Pahoor, Tara garh, 5 Faiz, Rukanabad, 2 T, Veins, Todar pur, Gawen, Chahn meran khan, Bagrain, Soman, Khan pur Qazian, Khakhi qomain, Deepal, Bait Mughal, Bahadur pur | 32                     | 372           |
|          | MANGO  |              |                      |                      | Anthracnose          | Pahoor, Tara garh, 5 Faiz, Rukanabad, Qadir pur lar, 2 T, Gawen, Chahn meran khan, Bagrain, Khakhi qomain, Deepal, Bait Mughal, Bahadur pur            | 20                                 | 403           |  |                        |               |
|          | MANGO  |              |                      |                      | Powdery Mildew       | Pahoor, Tara garh, Rukanabad, 2 T, Veins.  | 6                                  | 94            |  |                        |               |
|          | MANGO  |              |                      |                      | Malformation         | Pahoor, Tara garh, 5 Faiz, Rukanabad, Qadir pur lar, 2 T, Chahn meran khan, Bagrain, Soman, Khan pur qazian, Khakhi qomain, Bahadur pur                | 26                                 | 438           |  |                        |               |
|          | MANGO  |              |                      |                      | Gummosis             | Pahoor, Tara garh, 5 Faiz, Rukanabad, 2 T, Khakhi qomain, Bahadur pur  | 9                                  | 159           |  |                        |               |
|          | MANGO  |              |                      |                      | Decline              | Pahoor, Tara garh, Rukanabad, Gawen, Chahn meran khan, Bagrain, Khan pur qazian, Khakhi qomain, Bahadur pur  | 11                                 | 11            |  |                        |               |
|          | Citrus | 16           | 492                  | 480                  | Leaf Miner           |  |                                    |               | Tara garh, Qasba sani, Araen wala, 11 F, Jam pur, Kabir pur, Todar pur, Khakhi punjani, Mohan pur, Deepal, Umer pur  | 11                     | 100           |
|          | Citrus |              |                      |                      | Psylla               | Todar pur  | 1                                  | 6             | Tara garh, Araen wala, Kabir pur, Khakhi punjani, Mohan pur, Deepal, Umer pur  | 7                      | 71            |
|          | Citrus |              |                      |                      | Thrips               |  |                                    |               | Jhok gammu, 11 F, Jam pur, Kabir pur, Mohan pur  | 5                      | 37            |
|          | Citrus |              |                      |                      | Caterpillar          |  |                                    |               | Taragarh, Qasba sani, 2 T, Khakhi punjani, Mohan pur   | 5                      | 214           |
|          | Citrus |              |                      |                      | Wither Tip           | Tara garh, Kabir pur, Jhok gammu, Qasba sani, Labar, Araen wala, 11 F, 2 T, Jam pur, Kabir pur, Todar pur, Khakhi punjani, Mohan pur, Deepal, Umer pur | 16                                 | 480           |  |                        |               |
|          | Citrus |              |                      |                      | Gummosis             | Tara garh, Jhok gammu, Labar, 2 T, Jam pur, Kabir pur, Umer pur  | 7                                  | 243           |  |                        |               |

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|----------|--------------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|---------------------------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                                       | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                  | No. of Spots Below ETL | AREA IN ACRES |
|          | Citrus       |              |                      |                      | Canker               | Jhok gammu, Araen wal, 2 T, Jam pur, Todar pur             | 5                                  | 182           |                                       |                        |               |
|          | Citrus       |              |                      |                      | Slow Decline         | Tara garh, Qasba sani, 2 T, Kabir pur, Todar pur, Umer pur | 6                                  | 8             |                                       |                        |               |
|          | GUAVA        | 5            | 13                   | 13                   | Anthracnose          | 12 MR, Wahi bhakhar, Khakhi Qomain, Umer pur               | 4                                  | 12            |                                       |                        |               |
|          | GUAVA        |              |                      |                      | Wither Tip           | 12 MR  | 1                                  | 3             |                                       |                        |               |
|          | GUAVA        |              |                      |                      | Fruit Fly            |  |                                    |               | 12 MR, Qasba sani                     | 2                      | 4             |
|          | Tori         | 4            | 5                    | 5                    | Beetle               |  |                                    |               | Qasba awwal                           | 1                      | 1             |
|          |              |              |                      |                      | Whitefly             |  |                                    |               | Chak 83 M                             | 1                      | 1             |
|          |              |              |                      |                      | Wilt                 | Qasba awwal  | 1                                  | 1             |                                       |                        |               |
|          |              |              |                      |                      | Fruit Fly            |  |                                    |               | Qasba awwal                           | 2                      | 3             |
|          |              |              |                      |                      | Mosaic               | Qasba awwal  | 1                                  | 1             |                                       |                        |               |
|          | Cabbage      | 1            | 1                    | 1                    | Diamond Backed Moth  |  |                                    |               | Labar                                 | 1                      | 1             |
|          |              |              |                      |                      | Mosaic               | Labar  | 1                                  | 1             |                                       |                        |               |
|          | Tomato       | 1            | 1                    | 1                    | American Bollworm    |  |                                    |               | Labar                                 | 1                      | 1             |
|          | Water Melon  | 2            | 21                   | 21                   | Aphid                |  |                                    |               | Bait mughal                           | 2                      | 21            |
|          | Cucumber     | 1            | 4                    | 4                    | Mosaic               | Qasba awwal  | 1                                  | 4             |                                       |                        |               |
|          |              |              |                      |                      | Fruit Fly            |  |                                    |               | Qasba awwal                           | 1                      | 4             |
|          | Okra         | 6            | 7                    | 7                    | Whitefly             |  |                                    |               | Kotli Najabat                         | 1                      | 1             |
|          | Okra         |              |                      |                      | Jassid               |  |                                    |               | Pahor, Norangabad, Chadhar, Sikander  | 4                      | 5             |
|          | Okra         |              |                      |                      | Aphid                |  |                                    |               | Sikanderabad, Shah pur ubah           | 2                      | 2             |
|          | Melon        | 1            | 10                   | 10                   | Fruit Fly            |  |                                    |               | Rasool Pur                            | 1                      | 10            |
|          |              |              |                      |                      | Downy Mildew         | Rasool Pur   | 1                                  | 10            |                                       |                        |               |
|          | Bitter Gourd | 2            | 3                    | 3                    | Beetle               |  |                                    |               | Qasba awwal                           | 1                      | 1             |
|          |              |              |                      |                      | Fruit Fly            |  |                                    |               | Qasba awwal                           | 2                      | 3             |
|          |              |              |                      |                      | Mosaic               | Qasba awwal  | 1                                  | 1             |                                       |                        |               |
|          | Chillies     | 7            | 14                   | 5                    | Army Worm            | Qasba awwal  | 1                                  | 1             |                                       |                        |               |
|          |              |              |                      |                      | Thrips               |  |                                    |               | Sikanderabad                          | 1                      | 4             |
|          | Onion        | 16           | 41                   | 39                   | Downy Mildew         | Khakhi qomain, Chak 83 M, Bahadur                          | 6                                  | 15            |                                       |                        |               |
|          | Onion        |              |                      |                      | Purple Blotch        | Talkot, Sikandarabad, Chah meran kh                        | 4                                  | 6             |                                       |                        |               |
|          | Onion        |              |                      |                      | Thrips               | Labar, Talkot, Chah meran khan, Khak                       | 6                                  | 12            | Baqir pur, Qasba awwal, Sikendarabad, | 9                      | 26            |
|          | Pumpkin      | 2            | 5                    | 5                    | Fruit Fly            |  |                                    |               | Qasba awwal                           | 1                      | 1             |
|          |              |              |                      |                      | Beetle               |  |                                    |               | Qasba awwal                           | 2                      | 5             |
|          |              |              |                      |                      | Fruit End Rot        | Qasba awwal  | 2                                  | 5             |                                       |                        |               |
|          | Brinjal      | 3            | 3                    | 3                    | Whitefly             |  |                                    |               | Sher shah, Kabir pur, Chak 83 M       | 3                      | 3             |

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|----------|--------------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|---|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                     | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|          | Brinjal      |              |                      |                      | BSFB                 |  |                                    |               | Sher shah, Kabir pur                    | 2                      | 2             |
|          | Brinjal      |              |                      |                      | Jassid               |  |                                    |               | Sher shah, Kabir pur, Chak 83 M         | 3                      | 3             |
|          | Berseem      | 41           | 58                   | 5                    | Root Rot             | Gharyala, Peer Tannu, Khadil, Raja ran   | 4                                  | 4             |   |                        |               |
|          |              |              |                      |                      | Army Worm            | Kotli                                    | 1                                  | 1             |   |                        |               |
|          | Napier Grass | 3            | 8                    |                      |                      |  |                                    |               |   |                        |               |
|          | Canola       | 2            | 10                   | 6                    | Aphid                |  |                                    |               | Bahadur pur                             | 1                      | 6             |
|          | Bilangoo     | 3            | 9                    |                      |                      |  |                                    |               |   |                        |               |
|          | Sunflower    | 8            | 39                   | 35                   | Whitefly             |  |                                    |               | Rakh RB, Punjani, Basti mithu, Basti La | 4                      | 13            |
|          |              |              |                      |                      | Army Worm            | Khan Bela, Haveli Daha, Shehni           | 4                                  | 22            |   |                        |               |
|          | Wild Oat     | 1            | 2                    |                      |                      |  |                                    |               |   |                        |               |
|          | Lucern       | 9            | 10                   | 7                    | Root Rot             |  |                                    |               |   |                        |               |
|          |              |              |                      |                      | Army Worm            | 5 Faiz, Rang ali, Jhok wains, Mirali wal | 6                                  | 7             |   |                        |               |
| Khanewal | Mango        | 17           | 149                  | 89                   | Hopper               |  |                                    |               | 162/10R, 102/10R, 151/10R, Okanawa      | 8                      | 62            |
|          | Mango        |              |                      |                      | Scales               |  |                                    |               | 102/10R, 114/10R, Okanawala, Haider     | 6                      | 43            |
|          | Mango        |              |                      |                      | Galls                |  |                                    |               | 162/10R, 119/10R, 114/10R, 102/10R      | 16                     | 49            |
|          | Mango        |              |                      |                      | Midges               |  |                                    |               | 162/10R, 102/10R, 151/10R, 126/15L      | 7                      | 61            |
|          | Mango        |              |                      |                      | Anthracoese          | 162/10R, 102/10R, 114/10R, 151/10        | 16                                 | 87            |   |                        |               |
|          | Mango        |              |                      |                      | Powdery Mildew       | 102/10R, 111/15L                         | 2                                  | 50            |   |                        |               |
|          | Mango        |              |                      |                      | malformation         | 102/10R, 114/10R, 151/10R, 5 Kassi, 5    | 13                                 | 65            |   |                        |               |
|          | Mango        |              |                      |                      | Decline              | 162/10R, Okanwala, 111/15L               | 3                                  | 12            |   |                        |               |
|          | Citrus       | 15           | 108                  | 78                   | Psylla               | 109/10R, 5Kassi                          | 2                                  | 10            | 18/8BR, 111/15L, 126/15L, 14V, Okanw    | 11                     | 46            |
|          | Citrus       |              |                      |                      | Leaf Miner           |  |                                    |               | 18/8BR, 127/15L, 111/15L, 126/15L, 13   | 12                     | 68            |
|          | Citrus       |              |                      |                      | Wither Tip           | 168/110R, 146/10R, 119/10R, 140/10       | 12                                 | 68            |   |                        |               |

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|----------|--------------|--------------|----------------------|----------------------|----------------------|--------------------------------------|------------------------------------|---------------|-----------------------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                 | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES              | No. of Spots Below ETL | AREA IN ACRES |
|          | Citrus       |              |                      |                      | Canker               | 5Kassi,111/151,18/8BR                | 3                                  | 9             |                                   |                        |               |
|          | Citrus       |              |                      |                      | Decline              | Hayat Pur, 5Kassi,127/15L            | 3                                  | 20            |                                   |                        |               |
|          | Citrus       |              |                      |                      | Gummosis             | 119/10R, 14/V, 111/15L, 127/15L      | 4                                  | 20            |                                   |                        |               |
|          | Guava        | 4            | 16                   | 6                    | Fruit Fly            |                                      |                                    |               | 133/16L,18/8BR                    | 2                      | 4             |
|          | Guava        |              |                      |                      | Anthracnose          | 3/8AR                                | 1                                  | 2             |                                   |                        |               |
|          | Bottle Gourd | 1            | 4                    | 4                    | Downy Mildew         | Hashmat Marali                       | 1                                  | 4             |                                   |                        |               |
|          | Bitter Gourd | 1            | 3                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Ash Gourd    | 1            | 1                    | 1                    | Whitefly             |                                      |                                    |               | 130/15L                           | 1                      | 1             |
|          | Capsicum     | 1            | 4                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Cabbage      | 1            | 1                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Cucumber     | 1            | 5                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Chillies     | 2            | 6                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Onion        | 8            | 17                   | 14                   | Thrips               | Hayt Pur, rahim Shah, Sham Kot, Hash | 5                                  | 14            | 133/16L,5Kassi,134/16L            | 3                      | 3             |
|          | Melon        | 1            | 10                   | 10                   |                      |                                      |                                    |               | Hayat Pur                         | 1                      | 10            |
|          | Okra         | 1            | 1                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Pumpkin      | 4            | 8                    | 5                    | Downy Mildew         | Hayt Pur,111/15R,136/10R             | 3                                  | 6             |                                   |                        |               |
|          |              |              |                      |                      | Aphid                | 111/10R                              |                                    |               |                                   | 1                      | 2             |
|          | Tomat        | 1            | 4                    |                      |                      |                                      |                                    |               |                                   |                        |               |
|          | Berseem      | 117          | 210                  | 12                   | Aphid                |                                      |                                    |               | 59/10r,2/AH, 176/10R,117/10R,157/ | 10                     | 16            |
|          |              |              |                      |                      | Army Worm            | Kohna,19V,164/10R,151/10R,134/1      | 9                                  | 16            |                                   |                        |               |
| Vehari   | Cucumber     | 5            | 16                   |                      | Whitefly             |                                      |                                    |               | Fada, Dhodha, Arainwahin          | 3                      | 13            |
|          | Onion        | 3            | 4                    |                      | Thrips               |                                      |                                    |               | Fadda, Dhodha,                    | 3                      | 4             |
|          | Onion        |              |                      |                      | Purple Blotch        | Fadda, Dhoda                         | 2                                  | 3             |                                   |                        |               |

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|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                    | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                     | No. of Spots Below ETL |
|          | Tomato       | 2            | 6                    |                      |                      |   |                                    |               |  |                        |
|          | Bitter gourd | 1            | 5                    |                      |                      |   |                                    |               |  |                        |
|          | Guava        | 1            | 2                    | 2                    | Anthraco             | 114/WB                                  | 1                                  | 2             |  |                        |
|          | Guava        |              |                      |                      | Wither Tip           | 114/WB                                  | 1                                  | 2             |  |                        |
|          |              |              |                      |                      | Fruit Fly            |   |                                    |               | 114/WB                                   | 1                      |
|          | Berseem      | 120          | 126                  | 3                    | Army worm            | Qadir Pur, Soromore,195/EB              | 3                                  | 3             |  |                        |
|          | Mango        | 7            | 40                   | 28                   | Galls                |   |                                    |               | 32/WB,Shtab Garh,Tiba Sultan Pur,529     | 5                      |
|          | Mango        |              |                      |                      | Gummosis             | 128/EB,529/EB,18/WB,32/WB,Tiba          | 7                                  | 40            |  |                        |
|          | Mango        |              |                      |                      | Anthraco             | 18/WB, Tiba Sultan Pur, 529/EB          | 3                                  | 18            |  |                        |
|          | Mango        |              |                      |                      | Scales               |   |                                    |               | Tiba Sultan Pur                          | 2                      |
|          | Mango        |              |                      |                      | Malformation         | Tiba Sultabn Pur,128/EB,529/EB,18/      | 5                                  | 30            |  |                        |
|          | Mango        |              |                      |                      | Midges               |   |                                    |               | 76/WB,Jungal Brali                       | 2                      |
|          |              |              |                      |                      | Hopper               |   |                                    |               | 32/WB, Sultanpur,Shatab Garh             | 3                      |
|          |              |              |                      |                      | Powdery Mildew       |   |                                    |               | 32/WB, Shatab Garh                       | 2                      |
|          | Citrus       | 7            | 29                   | 25                   | Leaf Miner           |   |                                    |               | 18/WB,Tiba Sultan Pur, 403/EB            | 3                      |
|          | Citrus       |              |                      |                      | Psylla               |   |                                    |               | 18/WB,Tiba Sultan Pur, 403/EB            | 3                      |
|          | Citrus       |              |                      |                      | Citrus Canker        | 32/WB,18/WB,Tiba Sultan Pur, 158/       | 6                                  | 24            |  |                        |
|          | Citrus       |              |                      |                      | Slow Decline         | 76/WB, Tiba Sultan Pur, 403/Eb          | 3                                  | 12            |  |                        |
|          | Citrus       |              |                      |                      | Gummosis             | 158/EB,403/EB,                          | 2                                  | 5             |  |                        |
|          | Citrus       |              |                      |                      | Wither Tip           | 32/WB,18/WB,Tiba Sultan Pur, 158/       | 7                                  | 24            |  |                        |
| Lodhran  | Mango        | 8            | 97                   | 97                   | Scales               |   |                                    |               | Dera Jand, Sumra, Jalla Arrain, Saran wa | 7                      |
|          | Mango        |              |                      |                      | Mango hopper         |   |                                    |               | Sumra,Saran Wali, Noor Shah Gillani      | 3                      |
|          | Mango        |              |                      |                      | Galls Insect         |   |                                    |               | Dera Jand, Sumra, Jalla Arrain, Saran wa | 8                      |
|          | Mango        |              |                      |                      | Anthraco             | Dera Jand, Sumra, Jalla Arrain, Saran v | 8                                  | 97            |  |                        |
|          | Mango        |              |                      |                      | Powdery Mildew       | Jamrani Wah, Noor Shah Gillani          | 2                                  | 24            |  |                        |

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|          | Mango       |              |                      |                      | Malformation         | Jalla Arrain                         | 1                                  | 20            |                                       |                        |               |
|          | Mango       |              |                      |                      | Gummosis             | Sumra                                | 1                                  | 14            |                                       |                        |               |
|          | Citrus      | 9            | 79                   | 79                   | Psylla               |                                      |                                    |               | Sumra, Qutub Pur, Pacca               | 4                      | 25            |
|          | Citrus      |              |                      |                      | Leaf Miner           |                                      |                                    |               | Mundhali, Sumra, 383/WB, 374/WB, Q    | 9                      | 79            |
|          | Citrus      |              |                      |                      | Wither Tip           | Mundhali, Sumra, 383/WB, 374/WB,     | 9                                  | 79            |                                       |                        |               |
|          | Citrus      |              |                      |                      | Canker               | Pacca                                | 1                                  | 2             |                                       |                        |               |
|          | Citrus      |              |                      |                      | Gummosis             | Pacca                                | 1                                  | 2             |                                       |                        |               |
|          | Guava       | 2            | 3                    |                      | Fruit Fly            |                                      |                                    |               |                                       |                        |               |
|          | Berseem     | 21           | 26                   | 4                    | Army Worm            | Salsadar, Jalla Arrain, Dhanote      | 3                                  | 4             |                                       |                        |               |
|          | Sunflower   | 4            | 47                   | 3                    | Whitefly             |                                      |                                    |               | Bhutaji                               | 1                      | 3             |
|          | Brinjal     | 7            | 12                   | 12                   | Jassid               | Bhutaji, Jamrani Wah                 | 2                                  | 6             | Pathan wala, Sandhi wala, Jamrani wah | 5                      | 6             |
|          | Brinjal     |              |                      |                      | Whitefly             |                                      |                                    |               | Jamrani wah, Rapper                   | 3                      | 4             |
|          | Cauliflower | 2            | 6                    |                      |                      |                                      |                                    |               |                                       |                        |               |
|          | Chillies    | 11           | 27                   | 17                   | Jassid               |                                      |                                    |               | Malik Pur                             | 1                      | 10            |
|          |             |              |                      |                      | Whitefly             |                                      |                                    |               | Dhanote                               | 1                      | 3             |
|          |             |              |                      |                      | Virus                | Rapper, Wahi No, Dhanote, Malik Pur  | 5                                  | 19            |                                       |                        |               |
|          | Cucumber    | 8            | 36                   | 30                   | Whitefly             |                                      |                                    |               | Dhanote, Rapper, Wahi No              | 6                      | 30            |
|          |             |              |                      |                      | Downy Mildew         | Dhanote, Rapper, Wahi No             | 6                                  | 30            |                                       |                        |               |
|          | Musk Melon  | 6            | 89                   | 88                   | Whitefly             |                                      |                                    |               | Beela Wagha, Rapper                   | 5                      | 88            |
|          |             |              |                      |                      | Fruit Fly            |                                      |                                    |               | Beela Wagha                           | 1                      | 12            |
|          | Onion       | 10           | 78                   | 78                   | Thrips               | 15/M, Beela, Wagha, Jhanbi Wahin, Dh | 5                                  | 71            | Kondi, Beela Wagha, Hardo Thaheem, A  | 5                      | 7             |

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|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                 | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES   | No. of Spots Below ETL | AREA IN ACRES |
|          | Onion        |              |                      |                      | Downy Mildew         | Kondi, 15/M, Bella Wagha, Jhanbi Wal | 8                                  | 75            |                        |                        |               |
|          | Onion        |              |                      |                      | Purple Blotch        | Jhanbi Wahin                         | 1                                  | 50            |                        |                        |               |
|          | Pumpkin      | 2            | 3                    | 3                    | Whitefly             |                                      |                                    |               | Ismail Pur, Rapper     | 2                      | 3             |
|          |              |              |                      |                      | Beetles              |                                      |                                    |               | Ismail Pur, Rapper     | 2                      | 3             |
|          | Ridge Gourd  | 4            | 8                    |                      | Whitefly             |                                      |                                    |               |                        |                        |               |
|          | Tomato       | 6            | 18                   | 11                   | American Bollworm    |                                      |                                    |               | Dhanote                | 1                      | 5             |
|          |              |              |                      |                      | Whitefly             |                                      |                                    |               | Hardo Thaheem, Dhanote | 3                      | 11            |
|          | Water Melon  | 1            | 8                    |                      |                      |                                      |                                    |               |                        |                        |               |
| Sahiwal  | Barseem      | 65           | 95                   | 8                    | Root Rot             | 114/12L, 108/7R, 17/14L              | 3                                  | 7             |                        |                        |               |
|          | Barseem      |              |                      |                      | Army Worm            | Churi Khokharan                      | 1                                  | 1             |                        |                        |               |
|          | Pumpkin      | 3            | 4                    | 1                    | White fly            |                                      |                                    |               | 102/12L                | 1                      | 1             |
|          | Brinjal      | 1            | 1                    | 1                    | Jassid               |                                      |                                    |               | 25/14L                 | 1                      | 1             |
|          | Bitter Gourd | 1            | 1                    | 1                    | Aphid                |                                      |                                    |               | 21/14L                 | 1                      | 1             |
|          | Apple Gourd  | 1            | 3                    | 1                    | Jassid               |                                      |                                    |               | 95/12L                 | 1                      | 1             |
|          | Onion        | 1            | 1                    | 1                    | Thrips               |                                      |                                    |               | Harappa City           | 1                      | 1             |
|          | Garlic       | 1            | 1                    | 0                    |                      |                                      |                                    |               |                        |                        |               |
|          | Chillies     | 1            | 1                    | 1                    | Wilt                 | 138/9L                               | 1                                  | 1             |                        |                        |               |
|          | Water Melon  | 1            | 6                    | 6                    | Fruit Fly            | 52/GD                                | 1                                  | 6             |                        |                        |               |
|          | Tomato       | 1            | 1                    | 1                    | Aphid                |                                      |                                    |               | 52/GD                  | 1                      | 1             |
|          | Citrus       | 4            | 20                   | 14                   | Leaf Miner           |                                      |                                    |               | 136/9L,114/12L,111/7R  | 4                      | 14            |
|          | Citrus       |              |                      |                      | Psylla               |                                      |                                    |               | 136/9L,114/12L,111/7R  | 4                      | 14            |
|          | Citrus       |              |                      |                      | Wither Tip           | 136/9L,114/12L,111/7R                | 4                                  | 14            |                        |                        |               |

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|-----------|-------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|-----------------------|------------------------|---------------|
|           |             |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES  | No. of Spots Below ETL | AREA IN ACRES |
|           | Citrus      |              |                      |                      | Canker               | 136/9L,111/7R                      | 3                                  | 11            |                       |                        |               |
|           | Citrus      |              |                      |                      | Slow Decline         | 114/12L,111/7R                     | 2                                  | 7             |                       |                        |               |
|           | Mango       | 4            | 45                   | 18                   | Midges               |                                    |                                    |               | 89/6R,181/9L          | 2                      | 8             |
|           | Mango       |              |                      |                      | Hopper               |                                    |                                    |               | 89/6R,181/9L,180/9L   | 4                      | 18            |
|           | Mango       |              |                      |                      | Fruit Fly            |                                    |                                    |               | 89/6R,181/9L,180/9L   | 4                      | 18            |
|           | Mango       |              |                      |                      | Anthracnose          | 89/6R,181/9L,180/9L                | 4                                  | 18            |                       |                        |               |
|           | Mango       |              |                      |                      | Malformation         | 89/6R,181/9L,180/9L                | 4                                  | 18            |                       |                        |               |
|           | Guava       | 4            | 11                   | 7                    | Fruit Fly            |                                    |                                    |               | 136/9L,108/7R,118/12L | 4                      | 7             |
|           | Guava       |              |                      |                      | Anthracnose          | 136/9L,108/7R,118/12L              | 4                                  | 7             |                       |                        |               |
| Pakpattan | Apple Gourd | 1            | 3                    | 3                    | White Fly            |                                    |                                    |               | 20/SP                 | 1                      | 3             |
|           | Brinjal     | 2            | 5                    | 3                    | Mites                |                                    |                                    |               | 66/EB                 | 2                      | 3             |
|           | Chillies    | 4            | 9                    | 9                    | White fly            |                                    |                                    |               | 66/EB, 67/EB          | 3                      | 6             |
|           | Chillies    |              |                      |                      | Aphid                |                                    |                                    |               | 66/EB                 | 1                      | 3             |
|           | Cucumber    | 4            | 8                    | 2                    | Aphid                |                                    |                                    |               | 67/EB                 | 1                      | 2             |
|           | Garlic      | 3            | 10                   | 9                    | Downy Mildew         | Bunaga hayat                       | 1                                  | 6             |                       |                        |               |
|           | Garlic      |              |                      |                      | Thrips               |                                    |                                    |               | 20/SP                 | 1                      | 3             |
|           | Melon       | 3            | 15                   | 15                   | Aphid                |                                    |                                    |               | 66/Eb, Mehdi Khan     | 3                      | 15            |
|           | Onion       | 2            | 3                    | 2                    | Thrips               |                                    |                                    |               | Machi Singh           | 1                      | 2             |
|           | Tomato      | 2            | 5                    | 5                    | Downy Mildew         | 20/SP                              | 1                                  | 3             |                       |                        |               |
|           | Tomato      |              |                      |                      | Late Blight          | 58/SP                              | 1                                  | 2             |                       |                        |               |
|           | Barseem     | 36           | 43                   | 3                    | Root Rot             | 20/SP, 38/EB, 18/EB                | 3                                  | 3             |                       |                        |               |
|           | Guava       | 3            | 11                   | 7                    | Anthracnose          | 57/EB, 19/EB                       | 2                                  | 7             |                       |                        |               |
|           | Guava       |              |                      |                      | Fruit Fly            |                                    |                                    |               | 57/EB, 19/EB          | 2                      | 7             |
|           | Mango       | 2            | 10                   | 10                   | Anthracnose          | 50/EB, Pati Pur                    | 2                                  | 10            |                       |                        |               |



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|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|----------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES | No. of Spots Below ETL | AREA IN ACRES |
|          | Mango        |              |                      |                      | Malformation         | 50/EB, Pati Pur                    | 2                                  | 10            |                      |                        |               |
|          | Mango        |              |                      |                      | Fruit Fly            |                                    |                                    |               | 50/EB, Pati Pur      | 2                      | 10            |
|          | Mango        |              |                      |                      | Hopper               |                                    |                                    |               | 50/EB, Pati Pur      | 2                      | 10            |
|          | Citrus       | 2            | 6                    | 6                    | Leaf Miner           |                                    |                                    |               | 62/EB, Pati Pur      | 2                      | 6             |
|          | Citrus       |              |                      |                      | Psylla               |                                    |                                    |               | 62/EB, Pati Pur      | 2                      | 6             |
|          | Citrus       |              |                      |                      | Wither Tip           | 62/EB, Pati Pur                    | 2                                  | 6             |                      |                        |               |
|          | Citrus       |              |                      |                      | Canker               | Pati Pur                           | 1                                  | 5             |                      |                        |               |
| Okara    | Berseem      | 24           | 40                   | 10                   | Root Rot             | 31/2L, 37/GD, 50/2L, Bhuman Shah   | 4                                  | 10            |                      |                        |               |
|          | Bitter Gourd | 1            | 1                    | 1                    | Aphid                |                                    |                                    |               | Haray k Kalan        | 1                      | 1             |
|          | Brinjal      | 3            | 3                    | 1                    | Jassid               |                                    |                                    |               | Haveli Lakha         | 1                      | 1             |
|          | Capsicum     | 3            | 3                    | 1                    | Aphid                |                                    |                                    |               | Burj Jeway Khan      | 1                      | 1             |
|          | Garlic       | 1            | 2                    | 1                    | Thrips               |                                    |                                    |               | 37/GD                | 1                      | 1             |
|          | Chillies     | 4            | 4                    | 1                    | White fly            |                                    |                                    |               | Haveli Lakha         | 1                      | 1             |
|          | Onoin        | 2            | 3                    | 1                    | Thrips               |                                    |                                    |               | Burj Jeway Khan      | 1                      | 1             |
|          | Tomato       | 1            | 1                    | 1                    | Downy Mildew         | Haveli Lakha                       | 1                                  | 1             |                      |                        |               |
|          | Citrus       | 5            | 12                   | 8                    | Wither Tip           | 23/2L, 49/2L, 31/2RA               | 3                                  | 7             |                      |                        |               |
|          | Citrus       |              |                      |                      | Canker               | 49/2L, 31/2RA                      | 2                                  | 4             |                      |                        |               |
|          | Citrus       |              |                      |                      | Leaf Miner           |                                    |                                    |               | 2/1L, 31/2RA         | 2                      | 3             |
|          | Citrus       |              |                      |                      | Psylla               |                                    |                                    |               | 49/2L, 2/1L          | 2                      | 3             |
|          | Mango        | 4            | 12                   | 9                    | Anthraxnose          | 49/2L, 12/1L, 51/2L, 23/2L         | 4                                  | 9             |                      |                        |               |
|          | Mango        |              |                      |                      | Malformation         | 49/2L, 12/1L, 51/2L, 23/2L         | 4                                  | 9             | 49/2L                | 1                      | 3             |
|          | Mango        |              |                      |                      | Hopper               |                                    |                                    |               | 49/2L, 12/1L         | 2                      | 5             |
|          | Mango        |              |                      |                      | Fruit Fly            |                                    |                                    |               | 49/2L, 12/1L, 51/2L  | 3                      | 7             |
|          | Gauva        | 5            | 14                   | 8                    | Anthraxnose          | 49/2L, 32/2L, Karmawala            | 3                                  | 8             |                      |                        |               |

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|------------|--------|--------------|----------------------|----------------------|----------------------|--------------------------------------|------------------------------------|---------------|---|------------------------|---------------|
|            |        |              |                      |                      |                      | ABOVE ETL LOCALITIES                 | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|            | Gauva  |              |                      |                      | Fruit Fly            |                                      |                                    |               | 49/2L, 32/2L, Karmawala                 | 3                      | 8             |
| Bahawalpur | Mango  | 28           | 684                  | 684                  | Mango Thrips         |                                      |                                    |               | Mnajhi wala, Mehrab Wala, 155 NP        | 3                      | 165           |
|            |        |              |                      |                      | Mango Hopper         |                                      |                                    |               | 13 BC, Nooor Arain, Makhdoom pur , 1    | 13                     | 298           |
|            |        |              |                      |                      | Scales               |                                      |                                    |               | 8/BC, Fattu Wali, Sanjar, Khanqah Sah   | 18                     | 468           |
|            |        |              |                      |                      | Galls Insects        |                                      |                                    |               | 26 BC 13/BC, 8/BC, Fattu Wali, Sanjar   | 22                     | 499           |
|            |        |              |                      |                      | Midges               | Khankah shreef , Sanjar              | 2                                  | 20            | Makhdoom pur, Manjhi wala, 155 , 156    | 14                     | 432           |
|            |        |              |                      |                      | Powdery mildew       | Khanqah Shareef , Noor Arin, Mehrab  | 8                                  | 254           |   |                        |               |
|            |        |              |                      |                      | Anthracoese          | Khanqah Sahrif Rama 11/BC, 13/BC,    | 29                                 | 684           |   |                        |               |
|            |        |              |                      |                      | Malformation         | Khanqah Sahrif Rama 11/BC, 13/BC,    | 29                                 | 684           |   |                        |               |
|            |        |              |                      |                      | Gummosis             | Khankah sharif, Noor Arain Makhdo    | 11                                 | 399           |   |                        |               |
|            |        |              |                      |                      | Decline              | 156 NP , 155 NP Makhdoom pur , Me    | 6                                  | 310           |   |                        |               |
|            | Citrus | 27           | 202                  | 202                  | Citrus Psylla        |                                      |                                    |               | , 13 BC Khanu wali , 2BC , Mehrab wal   | 23                     | 168           |
|            |        |              |                      |                      | Leaf Minor           | Fattu walai, 1 BC                    | 2                                  | 7             | Sanjar , 13 BC 26 BC 1 Bc, Khau Wali Ra | 27                     | 202           |
|            |        |              |                      |                      | Caterpillar          |                                      |                                    |               |   |                        |               |
|            |        |              |                      |                      | Wither tip           | Sanjar 13 BC , 18 BC , Khau Wali Ram | 27                                 | 202           |   |                        |               |
|            |        |              |                      |                      | Canker               | Sanjar, 18 BC 13 BC , Rang Pur 18/B  | 12                                 | 85            |   |                        |               |
|            |        |              |                      |                      | Gummosis             | 35 BC, Sanjar                        | 2                                  | 30            |   |                        |               |

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|----------|------------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|---|------------------------|---------------|
|          |                  |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|          |                  |              |                      |                      | Quick decline        | Noor Arain , 35 BC                 | 2                                  | 18            |   |                        |               |
|          | Guava            | 8            | 59                   | 19                   | Anthraxnose          | 2/BC, 3/BC, Mari Sheikh Shajra     | 2                                  | ,19           |   |                        |               |
|          |                  |              |                      |                      | Fruit fly            |                                    |                                    |               | 2 BC , Shaikh Shujra                    | 2                      | 17            |
|          | Bitter gord      | 3            | 5                    | 5                    | Whitefly             |                                    |                                    |               | Vislan , Imam shah, Chandrani           | 3                      | 5             |
|          | Brinjal          | 3            | 7                    | 7                    | Fruit Borer          |                                    |                                    |               | 12 BC , Daevaish,                       | 2                      | 6             |
|          |                  |              |                      |                      | Whitefly             |                                    |                                    |               | 12 BC , Daevaish , 102 DB               | 3                      | 7             |
|          |                  |              |                      |                      | Jassid               |                                    |                                    |               | 12 BC , Daevaish , 102 DB               | 3                      | 7             |
|          | Cauli flower     | 2            | 2                    | 2                    | Whitefly             |                                    |                                    |               | Wahi Qadir Deena                        | 2                      | 2             |
|          | Chillies         | 5            | 6                    | 6                    | Whitefly             |                                    |                                    |               | Tibba Miani, Sheer Garwan, Sahlan Syd   | 5                      | 6             |
|          |                  |              |                      |                      | CICV                 | Tibba Miyani , Garwan              | 2                                  | 2             |   |                        |               |
|          | Cucumber         | 1            | 6                    | 6                    | Whitefly             |                                    |                                    |               | Imam Shah ,                             | 1                      | 6             |
|          |                  |              |                      |                      | Downy Mildew         | Imam shah                          | 1                                  | 6             |   |                        |               |
|          | Garlic           | 1            | 4                    | 4                    | Thrips               |                                    |                                    |               | 35 DNB                                  | 1                      | 4             |
|          | Musk Melon       | 1            | 2                    | 2                    |                      |                                    |                                    |               | Imam Shah                               | 1                      | 2             |
|          | Onion            | 11           | 35                   | 35                   | Thrips               | Sui vehar                          | 1                                  | 15            | Sanjar , Mehrab wala, 147 P, Muhamma    | 10                     | 20            |
|          |                  |              |                      |                      | Downy Mildew         | Sui vehar                          | 1                                  | 15            |   |                        |               |
|          | Okra             | 2            | 2                    |                      |                      |                                    |                                    |               | Uch geelai, 8 BC                        | 2                      | 2             |
|          | Onion            | 16           | 30.5                 | 30.5                 | Thrips               | 4 BC Sanjar                        | 2                                  | 7.5           | 4 BC, Sanjar Wahi Qadir Deena , Shikra  | 13                     | 13            |
|          |                  |              |                      |                      | Blight               | Shikrani ,147 NP, Muhammad Bux Ma  | 5                                  | 5             |   |                        |               |
|          |                  |              |                      |                      | Downy Mildew         | 4 BC                               | 1                                  | 1.5           |   |                        |               |
|          | Pump kin         | 1            | 1                    | 1                    |                      |                                    |                                    |               | 102 DB                                  | 1                      | 1             |
|          | Tomato           | 5            | 6                    | 6                    | Whitefly             |                                    |                                    |               | , Sanjar Vislan , 5 DNB , Imam shah     | 5                      | 6             |
|          |                  |              |                      |                      | Aphid                |                                    |                                    |               | Vislan , Sanjar                         | 2                      | 3             |
|          | Vegetable Marrow | 2            | 2                    | 2                    | Whitefly             |                                    |                                    |               | Imam shah, Chndrani                     | 2                      | 2             |
|          | Berseem          | 27           | 26.5                 | 9                    | Whitefly             |                                    |                                    |               | Fattu wali, 120 DRB , 138 DB, 78 DB , 7 | 8                      | 9             |
|          |                  |              |                      |                      | Army worm            | Fattu wali 3, BC                   | 2                                  | 4             |   |                        |               |
|          | Lucerene         | 8            | 7                    | 3                    | Army worm            | Gul Dera , Khanu walai, 24 BC      | 3                                  | 3             |   |                        |               |
|          | Sunflower        | 5            | 93                   | 79                   | Aphid                |                                    |                                    |               | Fattu Wali ,Sanjar                      | 3                      | 74            |

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|--------------|-------------|--------------|----------------------|----------------------|----------------------|---------------------------------------|------------------------------------|---------------|--|------------------------|---------------|
|              |             |              |                      |                      |                      | ABOVE ETL LOCALITIES                  | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                   | No. of Spots Below ETL | AREA IN ACRES |
|              |             |              |                      |                      | Whitefly             |                                       |                                    |               | 4BC                                    | 1                      | 5             |
|              | Water Melon | 3            | 19                   | 17                   | Aphid                |                                       |                                    |               | Mari Qasim Shah                        | 1                      | 12            |
|              |             |              |                      |                      | Whitefly             |                                       |                                    |               | Hoot Wa;la                             | 1                      | 5             |
| Bahawalnagar | Cauliflower | 3            | 3                    | 3                    | Armyworm             | 27/3R,                                | 1                                  | 1             |  |                        |               |
|              |             |              |                      |                      | Aphid                |                                       |                                    |               | 27/3R, 31/3R                           | 2                      | 2             |
|              | Cabbage     | 7            | 7                    | 7                    | Aphid                |                                       |                                    |               | 37/3R, 48/3R                           | 3                      | 3             |
|              |             |              |                      |                      | Armyworm             | 94/6r, TC, 70/4r, 58/4R               | 4                                  | 4             |  |                        |               |
|              | Carrot      | 7            | 8                    |                      |                      |                                       |                                    |               |  |                        |               |
|              | Garlic      | 6            | 6                    | 6                    | Downy Mildew         | Mehmood nagar                         | 1                                  | 1             |  |                        |               |
|              |             |              |                      |                      | Balotch              | Shera Chitra, 272HR, 204/9r           | 5                                  | 5             |  |                        |               |
|              | Onion       | 10           | 13                   | 12                   | Balotch              | 211/f, 95/F, TC, 272HR, Korra Khu, 8  | 6                                  | 8             |  |                        |               |
|              |             |              |                      |                      | Downy Mildew         | Behcan bodla, 270HR, Dhani mani       | 4                                  | 4             |  |                        |               |
|              |             |              |                      |                      | Thrips               | 270hr, dhani mani                     | 2                                  | 2             | 211/f, 95/F, TC, 272HR, Korra Khu, bel | 8                      | 10            |
|              | Cucumber    | 3            | 5                    | 3                    | Downymildew          | 8fw                                   | 1                                  | 3             |  |                        |               |
|              | Spinach     | 4            | 4                    | 4                    | Armyworm             | tiba tanki, 270/hr                    | 2                                  | 2             |  |                        |               |
|              |             |              |                      |                      | Aphid                |                                       |                                    |               | 12G, 41/F                              | 2                      | 2             |
|              | Tomato      | 2            | 2                    | 2                    | Aphid                |                                       |                                    |               | TC, 270HR                              | 2                      | 2             |
|              |             |              |                      |                      | White fly            |                                       |                                    |               | TC, 270HR                              | 2                      | 2             |
|              | Corinder    | 3            | 3                    |                      |                      |                                       |                                    |               |  |                        |               |
|              | Stawbery    | 1            | 1                    | 1                    | Downymildew          | 8FW                                   | 1                                  | 1             |  |                        |               |
|              |             |              |                      |                      | Aphid                |                                       |                                    |               | 8FW                                    | 1                      | 1             |
|              |             |              |                      |                      | White fly            |                                       |                                    |               | 8FW                                    | 1                      | 1             |
|              | Chillies    | 2            | 2                    |                      |                      |                                       |                                    |               |  |                        |               |
|              |             |              |                      |                      |                      |                                       |                                    |               |  |                        |               |
|              | Lucern      | 80           | 102                  | 38                   | Aphid                |                                       |                                    |               | 260hr, 215, 216/9r, 281/7r, 172, 173/  | 33                     | 38            |
|              | Mustard     | 27           | 37                   | 21                   | Aphid                |                                       |                                    |               | 274, 238/9r, 3fw, 110, 116/6r, 233/9r  | 16                     | 21            |
|              |             |              |                      |                      | Downey mildew        | 44f, 112, 110/6r, 260, 47f, behkan bo | 14                                 | 20            |  |                        |               |

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|          |        |              |                      |                      |                      | ABOVE ETL LOCALITIES                   | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|          |        |              |                      |                      | White rust           | 208/9r, 239/9r, 2169r, 44F,134m,       | 6                                  | 7             |   |                        |               |
|          |        |              |                      |                      |                      |  |                                    |               |   |                        |               |
|          | Guava  | 26           | 100                  | 50                   | Antracnose           | 47f, 199/8r, 311hr, jhedua, 281hr, ha  | 13                                 | 50            |   |                        |               |
|          |        |              |                      |                      | Fruit Borer          |  |                                    |               | 51/4r, mehmoood nagar, bootya wali      | 4                      | 6             |
|          |        |              |                      |                      | Fruit fly            |  |                                    |               | 51/4r, mehmoood nagar, jedua, 311hr, t  | 9                      | 39            |
|          |        |              |                      |                      | Decline              |  |                                    |               | Hafiz wala, 47f, 202/8r, Bootya wali    | 4                      | 5             |
|          | Citrus | 39           | 195                  | 161                  | Citrus psylla        | 150/2L, Basti noshai, 170/7R           | 3                                  | 18            | 1/1r, sayed wala, 207/9r, 211f, 210, 20 | 33                     | 167           |
|          |        |              |                      |                      | Leaf minor           |  |                                    |               | 150/2l, basti noshai, 1/1r, sayed wala, | 36                     | 185           |
|          |        |              |                      |                      | Citrus Cankar        | 134m, 3fw, 269hr, 201/8r, 206/9r, 17   | 6                                  | 50            |   |                        |               |
|          |        |              |                      |                      | Decline              | 44f, 269hr, 74/4r                      | 6                                  | 38            |   |                        |               |
|          |        |              |                      |                      | Withertip            | 150/2l, basti noshai, 1/1r, sayed wala | 24                                 | 147           |   |                        |               |
|          | Mango  | 20           | 59                   | 54                   | Gall midges          |  |                                    |               | Basti Khichia, 211f, 209/9r, 45/3r, 10/ | 10                     | 30            |
|          |        |              |                      |                      | Mango Hopper         |  |                                    |               | Muhar sharif, 109f, Basti Khichia, 270h | 12                     | 38            |
|          |        |              |                      |                      | Mealy bug            | 209/9r, 211f, 7/1r, basti khichia, 109 | 5                                  | 16            |   |                        |               |
|          |        |              |                      |                      | Antracnose           | Muhaar Sharif, bastikichia, 311/HR, 2  | 17                                 | 47            |   |                        |               |

| DISTRICT | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES     |                                    |               |                                      |                        |               |
|----------|--------------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|--------------------------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                   | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                 | No. of Spots Below ETL | AREA IN ACRES |
|          |              |              |                      |                      | Decline              | 211f, 270hr, 209/9R, Basti Khichian, 2 | 5                                  | 10            |                                      |                        |               |
|          |              |              |                      |                      | Powdery Mildew       | Basti Khichian,, 209/9R, 10/1R, Booty  | 7                                  | 23            |                                      |                        |               |
| R Y Khan | Ashgourd     | 1            | 2                    | 2                    | Aphid                |  |                                    |               | Jamal Din Wali                       | 1                      | 2             |
|          | Bitter gourd | 1            | 6                    | 4                    | Fruit Fly            | 78/P                                   | 1                                  | 4             |                                      |                        |               |
|          |              |              |                      |                      | Downy Meldow         | 78/P                                   | 1                                  | 4             |                                      |                        |               |
|          | Brinjal      | 2            | 5                    | 5                    | Jassid               |  |                                    |               | Jamal Din Wali                       | 1                      | 3             |
|          |              |              |                      |                      | White Fly            |  |                                    |               | Muhammad Khan                        | 1                      | 2             |
|          |              |              |                      |                      | Mite                 |  |                                    |               | Muhammad Khan                        | 1                      | 2             |
|          | Cabbage      | 1            | 1                    | 1                    | White Fly            |  |                                    |               | 18/A                                 | 1                      | 1             |
|          | Chillies     | 8            | 14                   | 11                   | Jassid               |  |                                    |               | Jamal Din Wali                       | 1                      | 5             |
|          |              |              |                      |                      | White Fly            |  |                                    |               | Kotla Madhu ,18/A ,14/A,Jamal Din Wa | 6                      | 9             |
|          |              |              |                      |                      | Aphid                |  |                                    |               | Kotla Madhu ,18/A ,14/A,Jamal Din Wa | 5                      | 7             |
|          |              |              |                      |                      | Virus                |  |                                    |               | Jangi,18/A                           | 2                      | 3             |
|          | Coriander    | 1            | 2                    |                      |                      |  |                                    |               |                                      |                        |               |
|          | OKRA         | 2            | 2                    | 2                    | Jassid               |  |                                    |               | Fathe Pur Qureshian                  | 1                      | 1             |
|          |              |              |                      |                      | White Fly            |  |                                    |               | Trenda Saway Khan                    | 1                      | 1             |
|          |              |              |                      |                      | Aphid                |  |                                    |               | Fathe Pur Qureshian                  | 1                      | 1             |
|          | Onion        | 16           | 30                   | 26                   | Thrips               | Trenda Saway Khan ,18/A ,Murad Pur     | 3                                  | 3             | 78/p,Channa ,tibi Gul Muhammad ,Tren | 8                      | 17            |
|          |              |              |                      |                      | Downy Meldow         | Trenda Saway Khan ,78/P,Channa ,Tib    | 13                                 | 24            |                                      |                        |               |
|          | Spinach      | 1            | 1                    |                      |                      |  |                                    |               |                                      |                        |               |
|          | Tindagourd   | 1            | 4                    | 4                    | Leaf Miner           |  |                                    |               | Grahi                                | 1                      | 4             |
|          |              |              |                      |                      | Downy Meldow         | Grahi                                  | 1                                  | 4             |                                      |                        |               |
|          | Tomato       | 6            | 18                   | 13                   | Fruit Borer          |  |                                    |               | Kotla Madhu ,Kalkan                  | 2                      | 12            |
|          |              |              |                      |                      | White Fly            |  |                                    |               | Kotla Madhu ,Jamal Din Wali          | 2                      | 9             |



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|----------|---------------------|--------------|----------------------|----------------------|----------------------|---------------------------------------|------------------------------------|---------------|--|------------------------|---------------|
|          |                     |              |                      |                      |                      | ABOVE ETL LOCALITIES                  | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                   | No. of Spots Below ETL | AREA IN ACRES |
|          | Bottle Gourd        | 6            | 11                   | 4                    | Whitefly             |                                       |                                    |               | Paigha, Rindan Jhok Utra               | 3                      | 4             |
|          | Brinjal /Egg plants | 1            | 1                    | 1                    | Apjid                |                                       |                                    |               | Samina Sadat                           | 1                      | 1             |
|          |                     |              |                      |                      | Brinjal Bore         |                                       |                                    |               | Samina Sadat                           | 1                      | 1             |
|          | Chillies            | 1            | 1                    |                      |                      |                                       |                                    |               |  |                        |               |
|          | Cucumber            | 1            | 1                    |                      |                      |                                       |                                    |               |  |                        |               |
|          | Garlic              | 2            | 2                    |                      |                      |                                       |                                    |               |  |                        |               |
|          | Okra                | 2            | 2                    | 1                    | Aphid                |                                       |                                    |               | Bari Dalail                            | 1                      | 1             |
|          | Onion               | 8            | 16                   | 16                   | Thrips               | Basti Peehar                          | 1                                  | 1             | Samina Sadaat, hak Qaima Choti Zareer  | 7                      | 15            |
|          | Pumpkin             | 2            | 4                    |                      |                      |                                       |                                    |               |  |                        |               |
|          | Tobaco              | 3            | 11                   | 11                   | Aphid                |                                       |                                    |               | Mzarai Chowk, Basti Lound              | 3                      | 11            |
|          |                     |              |                      |                      | Black Wart           | Mzarai Chowk                          | 1                                  | 3             |  |                        |               |
|          |                     |              |                      |                      | Leaf Curl Virus      | Mzarai Chowk, Basti Lound             | 3                                  | 11            |  |                        |               |
|          | Sunflower           | 6            | 30                   | 30                   | Whitefly             |                                       |                                    |               | Sanjar Saeedan                         | 3                      | 23            |
|          | Lucerne             | 55           | 40                   | 25                   | Armyworm             | Paigha, Qaim Wala,Mamoori, Zo Mah     | 30                                 | 25            |  |                        |               |
|          | Berseem             | 70           | 55                   | 20                   | Armyworm             | Paigha, Qaim Wala,Mamoori, Zo Mah     | 30                                 | 25            |  |                        |               |
| M. Garh  | Mango               | 39           | 345                  | 345                  | Anthracnose          | Bhutta Pur, Dogar Klasra, Pawar Shun  | 39                                 | 345           |  |                        |               |
|          |                     |              |                      |                      | Malformation         | Bhutta Pur, Dogar Klasra, Pawar Shun  | 16                                 | 102           |  |                        |               |
|          |                     |              |                      |                      | Gummosis             | Malook Wala, Hafeez Wala, Easan Wal   | 10                                 | 52            |  |                        |               |
|          |                     |              |                      |                      | DECLINE              | Mahgal Wala, Wains, Bandy Shah, Baq   | 5                                  | 19            |  |                        |               |
|          |                     |              |                      |                      | Powdery              | Mahgal Wala, Easan Wala               | 2                                  | 21            |  |                        |               |
|          |                     |              |                      |                      | Hoppers              | Mahgal Wala, Hafeez Wala, Bandy Sha   | 3                                  | 17            | Bhutta Pur, Pawar Shumali, Kamal Pur,  | 14                     | 80            |
|          |                     |              |                      |                      | Scales               | Malook Wala                           | 1                                  | 5             | Bhutta Pur, Dogar Klasra, Mahgal Wala  | 15                     | 147           |
|          |                     |              |                      |                      | Galls                |                                       |                                    |               | Bhutta Pur, Pawar Shumali, Kamal Pur,  | 16                     | 102           |
|          |                     |              |                      |                      | Midges               |                                       |                                    |               | Bhutta Pur, Dogar Klasra, Kamal Pur, M | 9                      | 51            |
|          | Guava               | 13           | 28                   |                      | Anthracnose          | Piro Wali, Bandy Shah, Sher Sultan, M | 7                                  | 17            |  |                        |               |
|          |                     |              |                      |                      | Fruit Fly            |                                       |                                    |               | Sher Sultan, Makwal, Bair Band, Mahga  | 6                      | 14            |



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|----------|-------------------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|---|------------------------|---------------|
|          |                   |              |                      |                      |                      | ABOVE ETL LOCALITIES                   | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|          |                   |              |                      |                      | Leaf Folder          |  |                                    |               | Mahgal Wala                             | 1                      | 1             |
|          |                   |              |                      |                      | Army Worm            | Hafeez Wala                            | 1                                  | 1             |   |                        |               |
|          | Citrus            | 15           | 53                   | 53                   | Leaf Miner           | Meela Chacha, Bagh Wali                | 2                                  | 23            | Bakaini, Dinga Korai, Wains, Jhalarain, | 13                     | 30            |
|          |                   |              |                      |                      | Psylla               | Baqir Shah                             | 1                                  | 1             | Dinga Korai, Wains, Meela Chacha, Jhal  | 8                      | 38            |
|          |                   |              |                      |                      | Withertip            | Bakaini, Dinga Korai, Wains, Meela Ch  | 8                                  | 42            |   |                        |               |
|          |                   |              |                      |                      | Gumosis              | Dinga Korai, Wains                     | 2                                  | 7             |   |                        |               |
|          |                   |              |                      |                      | Decline              | Wains                                  | 1                                  | 4             |   |                        |               |
|          |                   |              |                      |                      | Canker               | Tibi Arain                             | 1                                  | 1             |   |                        |               |
|          | Berseem           | 132          | 145                  | 31                   | Army Worm            | Yaki Wala, Kotla Agar, Gul Wala, Chak  | 11                                 | 12            |   |                        |               |
|          |                   |              |                      |                      | Aphid                |  |                                    |               | bandy Shah, Ghalwan, Yaki Wala, Khan    | 4                      | 6             |
|          |                   |              |                      |                      | Leaf Miner           |  |                                    |               | Ghalwan, Agar, Bakaini I                | 3                      | 3             |
|          |                   |              |                      |                      | Sanils               |  |                                    |               | bandy Shah, Ghalwan, Khanani            | 3                      | 3             |
|          |                   |              |                      |                      | Root Rot             | Jhugi Wala, Kotla Sultan Shah, Alu Rid | 7                                  | 7             |   |                        |               |
|          | Canola/Raya/Musta | 27           | 62                   | 11                   | Aphid                |  |                                    |               | Khanani, 525TDA, Jaisal Wahin, Usman    | 5                      | 11            |
|          | Corriander        | 2            | 2                    |                      |                      |  |                                    |               |   |                        |               |
|          | Okra              | 4            | 4                    | 4                    | Aphid                |  |                                    |               | Mutafarqa                               | 1                      | 1             |
|          |                   |              |                      |                      | Jassid               |  |                                    |               | Mutafarqa, Alu Rid                      | 2                      | 2             |
|          |                   |              |                      |                      | Whitefly             |  |                                    |               | Alu Rid, 645 TDA                        | 3                      | 3             |
|          | Onion             | 11           | 13                   | 8                    | Thrips               |  |                                    |               | Piro Wali, Bandy Shah, Alu Rid, 645 TD  | 6                      | 6             |
|          |                   |              |                      |                      | Blight               | Beely Wala                             | 2                                  | 2             |   |                        |               |
|          | Potato            | 1            | 1                    |                      |                      |  |                                    |               |   |                        |               |
|          | Pumpkin           | 6            | 6                    | 4                    | Blight               | Taleeri                                | 1                                  | 1             |   |                        |               |
|          |                   |              |                      |                      | Red Pumpkin Beetle   |  |                                    |               | Bandy Shah, 645TDA                      | 3                      | 3             |
|          | Tomato            | 7            | 8                    | 3                    | Jassid               |  |                                    |               | Panjgrain, Usman Korea                  | 2                      | 2             |
|          |                   |              |                      |                      | Wilt                 | 533TDA                                 | 1                                  | 1             |   |                        |               |
|          |                   |              |                      |                      | Blight               | Panjgrain                              | 1                                  | 1             |   |                        |               |

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|----------|------------|--------------|----------------------|----------------------|----------------------|-------------------------------------|------------------------------------|---------------|---|------------------------|---------------|
|          |            |              |                      |                      |                      | ABOVE ETL LOCALITIES                | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|          |            |              |                      |                      | Aphid                |                                     |                                    |               | Ghazanfargarh                           | 1                      | 1             |
|          | Tori       | 3            | 3                    |                      |                      |                                     |                                    |               |   |                        |               |
|          | Brinjal    | 2            | 2                    | 2                    | White Fly            |                                     |                                    |               | Rajanpur I                              | 2                      | 2             |
| Rajanpur | Cabbage    | 1            | 1                    |                      |                      |                                     |                                    |               |   |                        |               |
|          | Chillies   | 2            | 2                    | 2                    | Aphid                |                                     |                                    |               | Tatarwala, Basti Cheena                 | 2                      | 2             |
|          | Cucumber   | 2            | 4                    | 2                    | White Fly            |                                     |                                    |               | Tatarwala                               | 2                      | 2             |
|          | Okra       | 1            | 1                    | 1                    | White Fly            |                                     |                                    |               | Mutafariq Mazari                        | 1                      | 1             |
|          | Onion      | 8            | 7                    | 4                    | Thrips               |                                     |                                    |               | Tatarwala, Basti Cheena, Rajanpur II, W | 4                      | 4             |
|          | Pumpkin    | 2            | 3                    | 1                    | Red Pumpkin Beetle   |                                     |                                    |               | Tatarwala                               | 1                      | 1             |
|          |            |              |                      | 1                    | White Fly            |                                     |                                    |               | Kotla Hussain                           | 1                      | 1             |
|          | Ridgegourd | 4            | 4                    | 2                    | White Fly            |                                     |                                    |               | Rajanpur I, Mutafariq Mazari            | 2                      | 2             |
|          |            |              |                      | 1                    | Aphid                |                                     |                                    |               | Rajanpur I                              | 1                      | 1             |
|          | Spinach    | 3            | 3                    | 1                    | Jassid               |                                     |                                    |               | Kotla Hussain                           | 1                      | 1             |
|          |            |              |                      | 2                    | Aphid                |                                     |                                    |               | Rajanpur II, Kotla Esan                 | 2                      | 2             |
|          | Tomato     | 1            | 1                    |                      |                      |                                     |                                    |               |   |                        |               |
|          | Berseem    | 200          | 209                  | 3                    | Armyworm             | Chak Ladh, Mouza Dhandla, Jagir Gab | 5                                  | 5             |   |                        |               |
|          |            |              |                      |                      | Aphid                |                                     |                                    |               | Kotla Hassan Shsh, Koharwali, Kotla M   | 16                     | 16            |
|          |            |              |                      | 9                    | Whitefly             |                                     |                                    |               | Basti Mir Haji, Chak Ladh, Jhandi Mazar | 5                      | 5             |
|          | Tobacco    | 10           | 72                   | 13                   | Late Blight          | Polewah                             | 1                                  | 2             | Polewah, Mahal Makwal, Kotla Dewan      | 5                      | 11            |
|          |            |              |                      |                      | Aphid                |                                     |                                    |               | Tatarwala, Polewala, Mahal Makwal, K    | 5                      | 10            |
|          | Mango      | 7            | 34                   | 17                   | Hopper               |                                     |                                    |               | Shah Nawaz Pura, Dhengan, Murghai, V    | 7                      | 17            |
|          |            |              |                      |                      | Galls                |                                     |                                    |               | Wang                                    | 1                      | 2             |
|          |            |              |                      |                      | Anthraconose         | Dhingan, Umar Kot                   | 2                                  | 6             |   |                        |               |
|          |            |              |                      |                      | Powdery Mildew       | Dhingan, Wang                       | 2                                  | 11            |   |                        |               |
|          |            |              |                      |                      | Malformation         | Dhingan, Wang, Umar Kot             | 3                                  | 8             |   |                        |               |
|          |            |              |                      |                      | Gummosis             | Shah Nawaz Pura, Dhengan, Murghai,  | 6                                  | 16            |   |                        |               |

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|----------|------------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|--|------------------------|---------------|
|          |            |              |                      |                      |                      | ABOVE ETL LOCALITIES                   | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                   | No. of Spots Below ETL | AREA IN ACRES |
|          |            |              |                      |                      | Decline              | Dhingan                                | 1                                  | 1             |  |                        |               |
|          | Tinda      | 1            | 1                    | 1                    | Aphid                |  |                                    |               | C/109 TDA                              | 1                      | 1             |
| Layyah   | CABBAGE    | 1            | 0.25                 | 0.25                 | Aphid                |  |                                    |               | KAROR NASHEB                           | 1                      | 0.25          |
|          |            |              |                      |                      | Army worm            | KAROR NASHEB                           | 1                                  | 0.25          |  |                        |               |
|          | CUCUMBER   | 1            | 2                    | 2                    | Fruit Fly            |  |                                    |               | 84 TDA                                 | 1                      | 2             |
|          |            |              |                      |                      | Downy Mildew         | 84 TDA                                 | 1                                  | 2             |  |                        |               |
|          | Chilli     | 13           | 28                   | 9                    | Whitefly             |  |                                    |               | Sarishta Nashaib, Karral Azeem Thal Ja | 5                      | 6             |
|          |            |              |                      |                      | Red Pumpkin Beetle   |  |                                    |               | C/85 A TDA                             | 1                      | 2             |
|          |            |              |                      |                      | Aphid                |  |                                    |               | C/85 A TDA                             | 1                      | 2             |
|          |            |              |                      |                      | Root Rot             | Shah Wala, Kharral Azeem Thal Jandi    | 3                                  | 3             | C/85 A TDA                             | 1                      | 2             |
|          | GARLIC     | 1            | 0.25                 | 0.25                 | Purple Blotch        | C/85 A TDA                             | 1                                  | 0.25          |  |                        |               |
|          | GARLIC     | 1            | 0.25                 |                      | Thrips               |  |                                    |               | C/85 A TDA                             | 1                      | 0.25          |
|          | Barseem    | 30           | 13                   | 2                    | Rotting              |  |                                    |               | Jaisal Nashaib, 150/TDA, 433/TDA, 94,  | 4                      | 2             |
|          | LUCERN     | 62           | 50                   | 20                   | Army Worm            | 144, 125, 153, 128-A, 102-C, 101-C, 95 | 10                                 | 10            |  |                        |               |
|          |            |              |                      |                      | Aphid                |  |                                    |               | 144, 125, 153, 128-A, 102-C, 101-C, 95 | 12                     | 10            |
|          | Toori      | 1            | 1                    | 1                    | Downy Mildew         | KAROR NASHEB                           | 1                                  | 1             |  |                        |               |
|          |            |              |                      |                      | Aphid                |  |                                    |               | KAROR NASHEB                           | 1                      | 1             |
|          |            |              |                      |                      | Red Pumpkin Beetle   |  |                                    |               | KAROR NASHEB                           | 1                      | 1             |
|          | OKRA       | 4            | 5                    | 3                    | Jassid               |  |                                    |               | Sarishta Nashaib, 94-C/TDA             | 3                      | 3             |
|          | Onion      | 20           | 10                   | 4                    | Thrips               |  |                                    |               | Sarishta Nashaib, KAROR NASHEB, 94     | 4                      | 4             |
|          |            |              |                      |                      | Purple Blotch        | C/109, 94 TDA                          | 2                                  | 2             |  |                        |               |
|          | SUGAR BEET | 30           | 32                   | 5                    | Army worm            | C/85 A TDA                             | 1                                  | 2             |  |                        |               |
|          |            |              |                      |                      | Aphid                |  |                                    |               | C/85 A , 109TDA                        | 2                      | 4             |
|          | Sunflower  | 62           | 63                   | 3                    | Army Worm            | C/85 A TDA                             | 1                                  | 2             |  |                        |               |
|          |            |              |                      |                      | Whitefly             |  |                                    |               | C/101 A TDA                            | 1                      | 1             |
|          |            |              |                      |                      | Aphid                |  |                                    |               | C/85 A TDA, C/101 TDA                  | 2                      | 3             |

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|----------|-------------|--------------|----------------------|----------------------|----------------------|---|------------------------------------|---------------|--|------------------------|---------------|
|          |             |              |                      |                      |                      | ABOVE ETL LOCALITIES                      | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                     | No. of Spots Below ETL | AREA IN ACRES |
|          | TOMATO      | 1            | 2                    | 2                    | Aphid                |   |                                    |               | KAROR NASHEB                             | 1                      | 2             |
|          | WATERMELON  | 1            | 1                    | 1                    | Red Pumpkin Beetle   |   |                                    |               | C/109 TDA                                | 1                      | 1             |
|          |             |              |                      |                      | Aphid                |   |                                    |               | C/109 TDA                                | 1                      | 1             |
|          | Guava       | 5            | 6                    | 5                    | Fruitfly             |   |                                    |               | Bait Dewaan, 339-A/TDA, 109-C, 260-C     | 5                      | 5             |
|          |             |              |                      |                      | Withertip            | Bait Dewaan, 339-A, 260-C/TDA             | 3                                  | 3             |  |                        |               |
|          | Citrus      | 25           | 127                  | 81                   | Psylla               | 174/TDA, 95-C/ML                          | 2                                  | 5             | 144, 125, 153, 128-A, 102-C, 101-C, 95   | 15                     | 49            |
|          |             |              |                      |                      | Leaf Miner           |   |                                    |               | 125, 174, 153, 133, 128-A, 102-C, 101-C  | 16                     | 59            |
|          |             |              |                      |                      | Aphid                |   |                                    |               | 174, 102-C, 101-C, 95-C, 94-A, 350-C/TDA | 7                      | 20            |
|          |             |              |                      |                      | Wither Tip           | 125, 174, 128-A, 101-C, 95-C, 116-C, 95-C | 10                                 | 37            |  |                        |               |
|          |             |              |                      |                      | Canker               | 174, 101-C, 95-C, 94-C, 350-C/TDA         | 6                                  | 19            |  |                        |               |
|          |             |              |                      |                      | Gumosis              | 125, 94-A, 309-C, 329-C/TDA               | 4                                  | 15            |  |                        |               |
|          |             |              |                      |                      | Slow Decline         | 125, 153, 128-A, 95-C, 116-C, 94-A, 309-C | 8                                  | 8Plants       |  |                        |               |
|          | Mango       | 3            | 21                   | 12                   | Hopper               |   |                                    |               | Jaisal Nashaib, Kharral Azeem Nashaib,   | 3                      | 12            |
|          |             |              |                      |                      | Midges               |   |                                    |               | Jaisal Nashaib, Kharral Azeem Nashaib,   | 3                      | 12            |
|          |             |              |                      |                      | Anthracoese          | Jaisal Nashaib                            | 1                                  | 2             |  |                        |               |
|          |             |              |                      |                      | Powdery Mildew       | Kharral Azeem Nashaib, Basti Qazi         | 2                                  | 10            |  |                        |               |
|          |             |              |                      |                      | Malformation         | Jaisal Nashaib, Kharral Azeem Nashaib     | 3                                  | 12            |  |                        |               |
| Lahore   | Apricot     | 1            | 2                    | 0                    |                      |   |                                    |               |  |                        |               |
|          | Cabbage     | 4            | 7                    | 1                    | Blight               | Jandiala                                  | 1                                  | 1             |  |                        |               |
|          | Capsicum    | 2            | 6                    | 0                    |                      |   |                                    |               |  |                        |               |
|          | Cauliflower | 2            | 5                    | 0                    |                      |   |                                    |               |  |                        |               |
|          | Garlic      | 1            | 2                    | 0                    |                      |   |                                    |               |  |                        |               |
|          | Watermelon  | 1            | 2                    | 1                    | Aphid                |   |                                    |               | Jandiala                                 | 1                      | 1             |
|          | Onion       | 1            | 0.6                  | 0                    |                      |   |                                    |               |  |                        |               |
|          | Pumpkin     | 3            | 11                   | 0                    |                      |   |                                    |               |  |                        |               |
|          | Peach       | 2            | 7                    | 0                    |                      |   |                                    |               |  |                        |               |

| DISTRICT    | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |               |                         |                        |               |
|-------------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|-------------------------|------------------------|---------------|
|             |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES    | No. of Spots Below ETL | AREA IN ACRES |
|             | Sponge gourd | 5            | 8                    | 1                    | Aphid                |                                    |                                    |               | Maraka                  | 1                      | 1             |
|             | Sponge gourd |              |                      | 2                    | Downy mildew         | Khud Pur                           | 1                                  | 2             |                         |                        |               |
|             | Sponge gourd |              |                      | 1                    | Mosaic Virus         | Khud Pur                           | 1                                  | 1             |                         |                        |               |
|             | Strawbeery   | 2            | 5.36                 | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Tomato       | 4            | 9                    | 2                    | Aphid                |                                    |                                    |               | Kharak, Ganjay Sinduwan | 2                      | 2             |
|             | Sorghum      | 2            | 4                    | 2                    | Shoot fly            | Rangeel Pur                        | 1                                  | 2             |                         |                        |               |
|             | yams         | 1            | 1                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Spinach      | 1            | 1                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Berseem      | 28           | 130                  | 5                    | Root rot             | Narwar, Rangeelpur, Kingra         | 3                                  | 5             |                         |                        |               |
|             | Chillies     | 5            | 54                   | 4                    | Leaf curl Virus,     | Jandiala                           | 2                                  | 4             |                         |                        |               |
|             | Chillies     |              |                      | 2                    | Aphid                |                                    |                                    |               | Bhiseen                 | 1                      | 2             |
|             | Bitter gourd | 3            | 7                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Oats         | 2            | 4                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
| Sheikhupura | Cauliflower  | 3            | 3                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Okra         | 2            | 11                   | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Tomato       | 9            | 11                   | 1                    | Fruit Borer          |                                    |                                    |               | 169 RB                  | 1                      | 1             |
|             | Onion        | 2            | 3                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Capsicum     | 9            | 28                   | 1                    | Blossom End Rot      | Laluphumpan                        | 1                                  | 1             |                         |                        |               |
|             | Brinjal      | 2            | 4                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Sponge gourd | 1            | 1                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Pumpkin      | 1            | 6                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Round Gourd  | 1            | 5                    | 0                    |                      |                                    |                                    |               |                         |                        |               |
|             | Berseem      | 85           | 173                  | 15                   | Stem Rot             | Chak 47,Chak 27,Chak 28,Baghan Wal | 11                                 | 15            |                         |                        |               |
|             | Berseem      |              |                      | 1                    | Armyworm             | Chak Nahra                         | 1                                  | 1             |                         |                        |               |
|             | Berseem      |              |                      | 6                    | Barseem rot          | RAT GARH, MUHAMMAD PURA , LABA     | 3                                  | 6             |                         |                        |               |

| DISTRICT | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |               |  |                        |               |
|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|--|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                   | No. of Spots Below ETL | AREA IN ACRES |
|          | Berseem      |              |                      | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Berseem      |              |                      | 9                    | Leaf miner           |                                    |                                    |               | BERTH, CHAK 44, TALWARA , RAT GARH     | 4                      | 9             |
|          | Strawbeery   | 5            | 13                   | 1                    |                      |                                    |                                    |               | Mites                                  | 1                      | 1             |
|          | Bitter gourd | 1            | 1                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Chillies     | 9            | 25                   | 0                    |                      |                                    |                                    |               |  |                        |               |
| Kasur    | Berseem      | 14           | 30                   | 3                    | White mould          | Dubli, Gandi roup singh            | 2                                  | 3             |  |                        |               |
|          | Cauliflower  | 3            | 6                    | 3                    | Armyworm             | Khan kay modh                      | 1                                  | 3             |  |                        |               |
|          | Arvi         | 2            | 4                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Brinjal      | 10           | 11                   | 5                    | Brinjal borer        |                                    |                                    |               | sehresar,Jamber,Tara garh,cheena Hith  | 5                      | 5             |
|          | Cabbage      | 6            | 10                   | 2                    | Cabbage Butterfly    |                                    |                                    |               | Jend wala,Norpur Dogran                | 2                      | 2             |
|          | Garlic       | 1            | 1                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Corriander   | 1            | 2                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Jamman       | 2            | 2                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Melon        | 4            | 21                   | 8                    | Fruit fly            |                                    |                                    |               | Kot Akbar,Kot nazir Muhammad           | 2                      | 8             |
|          | Okra         | 1            | 1                    | 1                    | Jassid               |                                    |                                    |               | Jagyan                                 | 1                      | 1             |
|          | onion        | 5            | 5                    | 1                    | blight               | Attri vrik                         | 1                                  | 1             |  |                        |               |
|          | Pumpkin      | 8            | 11                   | 1                    | Red Pumpkin beetle   |                                    |                                    |               | Khan kay modh                          | 1                      | 1             |
|          | Raddish      | 1            | 1                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Tomato       | 7            | 11                   | 4                    | Aphid,leaf miner     |                                    |                                    |               | Jend wala, Fahte wali, sanda cheestana | 3                      | 4             |
|          | Tomato       |              |                      | 3                    | Blight               | Jagyan,Gid pur,Cheena Hithard      | 3                                  | 3             |  |                        |               |
|          | Spinach      | 3            | 4                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Oats         | 3            | 7                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Bitter gourd | 4            | 4                    | 1                    | Fruit fly            |                                    |                                    |               | Qutba                                  | 1                      | 1             |

| DISTRICT      | CROPS         | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES   |                                    |               |                      |                        |               |
|---------------|---------------|--------------|----------------------|----------------------|----------------------|--|------------------------------------|---------------|----------------------|------------------------|---------------|
|               |               |              |                      |                      |                      | ABOVE ETL LOCALITIES   | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES | No. of Spots Below ETL | AREA IN ACRES |
|               | Chillies      | 13           | 20                   | 4                    | Collar rot           | cheena Hithard,kundan mor,narmal k   | 4                                  | 4             |                      |                        |               |
|               | Sponge gourd  | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
| Nankana Sahib | Garlic        | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Tomato        | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Onion         | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Berseem       | 28           | 56                   | 8                    | Root rot, Armyworm   | 641, Qila roop singh, wehari pur, Ratt   | 7                                  | 8             |                      |                        |               |
|               | Chillies      | 1            | 4                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Strawbeery    | 3            | 14                   | 2                    | Anthracnose          | Kot Naubahar   | 1                                  | 2             |                      |                        |               |
| Chiniot       | Beet root     | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Brinjal       | 1            | 1                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Capsicum      | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Cauliflower   | 1            | 1                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Cucumber      | 1            | 1                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Tomato        | 1            | 1                    | 0.5                  | Aphid                |  |                                    |               | Ahmad Nagar          | 1                      | 0.5           |
|               | Tobbaco       | 1            | 0.5                  | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Chillies      | 2            | 1                    | 0.5                  | Aphid                |  |                                    |               | Ahmad Nagar          | 1                      | 0.5           |
|               | Bitter gourd  | 1            | 2                    | 4                    | Fruit fly            |  |                                    | 2             | Barkhurdar           | 1                      | 2             |
| Faisalabad    | Berseem       | 151          | 264.8                | 19.5                 | Armyworm             | 443Gb,485GB,390GB,211GB,222GB,227GB,129RB,135RB,25JB,179RB,435GB,592GB,450GB,453GB,41JB,273JB,66JB,70JB,83JB,248Rb,38JB,295RB,57JB,52JB,253RB,580GB,31GB,628GB,627GB,272RB | 33                                 | 19.5          |                      |                        |               |
|               | Cauliflower   | 1            | 1                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Lucern        | 7            | 17.2                 | 0.5                  | Leaf miner           |  |                                    |               | 89GB                 | 1                      | 0.5           |
|               | Tomato        | 2            | 4                    | 2                    | Leaf miner           |  |                                    |               | 38JB                 | 1                      | 2             |
|               | Melon         | 2            | 5                    | 3                    | Blight,Downy mildew  | 500GB,69JB   | 2                                  | 3             |                      |                        |               |
|               | Brinjal       | 1            | 2                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Garlic        | 1            | 1                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Grapes        | 1            | 3                    | 0                    |                      |  |                                    |               |                      |                        |               |
|               | Nappier Grass | 1            | 5                    | 0                    |                      |  |                                    |               |                      |                        |               |

| DISTRICT   | CROPS         | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES                        |                                    |               |                      |                        |               |
|------------|---------------|--------------|----------------------|----------------------|----------------------|---|------------------------------------|---------------|----------------------|------------------------|---------------|
|            |               |              |                      |                      |                      | ABOVE ETL LOCALITIES                                      | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES | No. of Spots Below ETL | AREA IN ACRES |
|            | Onion         | 3            | 2.2                  | 1.2                  | Thrips,Downy mildew  | 273JB   | 1                                  | 0.2           | 103GB                | 1                      | 1             |
|            | Watermelon    | 13           | 84.5                 | 13                   | Aphid                |   |                                    |               | 456GB,Killianwala    | 2                      | 13            |
|            | Tobbaco       | 1            | 2                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Bitter gourd  | 2            | 8                    | 4                    | Whitefly             |   |                                    |               | 69JB,                | 1                      | 4             |
|            | Chillies      | 4            | 11                   | 9                    | Collar Rot,W.fly     | 500GB   | 2                                  | 5             | 453GB,296RB          | 2                      | 4             |
| Jhang      | Melon         | 3            | 21                   | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Cucumber      | 3            | 20                   | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Onion         | 7            | 22A-2K               | 1                    | Thrips               |   |                                    |               | Mouza Shekhana       | 1                      | 1             |
|            | Onion         |              |                      | 2                    | Purple Blotch        | Mouza Shekhana,Badh Rajbana,Chainwala                     | 3                                  | 2             |                      |                        |               |
|            | Sponge gourd  | 1            | 1                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Watermelon    | 4            | 45                   | 2                    | Aphid                |   |                                    |               | Mouza Kot Murad      | 1                      | 2             |
|            | Apple gourd   | 2            | 3                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Chillies      | 6            | 31                   | 0                    |                      |   |                                    |               |                      |                        |               |
| T.T.Singh  | Berseem       | 69           | 83.5                 | 3                    | Root Rot             | 178,245,518GB,361,303JB                                   | 5                                  | 3             |                      |                        |               |
|            | Berseem       |              |                      | 6                    | Leaf miner           |   |                                    |               | 346,318,307GB        | 4                      | 6             |
|            | Melon         | 1            | 5                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Capsicum      | 1            | 3                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Cucumber      | 2            | 15                   | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Okra          | 1            | 2                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Watermelon    | 8            | 27.5                 | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Sweet Pepper  | 1            | 2                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Brinjal       | 1            | 2                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Tobbaco       | 3            | 4                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Bitter gourd  | 2            | 14                   | 0                    |                      |   |                                    |               |                      |                        |               |
| Gujranwala | Cauliflower   | 2            | 6                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Berseem       | 88           | 206.75               | 16.5                 | Root Rot             | Khabeki, Mandial Chattha, Bhirri Shah Rehman, Gondlanwala | 4                                  | 16.5          |                      |                        |               |
|            | Canola        | 1            | 1                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Capsicum      | 1            | 5.5                  | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Fresh Beans   | 2            | 1.5                  | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Garlic        | 3            | 10                   | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Musk melon    | 3            | 8                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Mustard       | 2            | 0.75                 | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Nappier Grass | 4            | 9                    | 0                    |                      |   |                                    |               |                      |                        |               |
|            | Onion         | 8            | 78                   | 0                    |                      |   |                                    |               |                      |                        |               |



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|-----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|---|------------------------|---------------|
|           |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES  | No. of Spots Below ETL | AREA IN ACRES |
|           | Round Gourd  | 2            | 3                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Sugarcane    | 9            | 9.5                  | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Watermelon   | 8            | 77.5                 | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Bitter gourd | 2            | 14                   | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Strawbeery   | 7            | 26                   | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Chillies     | 3            | 16.75                | 5.5                  | Wilt                 | Soiyan                             | 1                                  | 5.5           |   |                        |               |
| Gujrat    | Berseem      | 67           | 108.125              | 11                   | Root Rot             | Tibba hamid, Dharowal, Fatta Bhand | 4                                  | 11            |   |                        |               |
|           | Canola       | 1            | 1.5                  | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Linseed      | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Lucern       | 2            | 3                    | 1                    | Leaf curl Virus,     |                                    |                                    |               | Jalyani   | 1                      | 1             |
|           | Sugarcane    | 24           | 28.25                | 0.5                  | Whitefly             |                                    |                                    |               | Machiwal, Trikha  | 2                      | 0.5           |
|           | Oats         | 1            | 2                    | 0                    |                      |                                    |                                    |               |   |                        |               |
| Hafizabad | Fodder       | 37           | 63.5                 | 2.5                  | Root Rot, Leaf Minor | Jhotianwala,                       | 1                                  | 0.5           | Baagh Nau, Wacho ki   | 2                      | 2             |
|           | Oil Seed     | 2            | 6                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Watermelon   | 8            | 56.25                | 3                    | Downy mildew         | Mogha Diwan, Banjar                | 2                                  | 3             |   |                        |               |
|           | Tobbaco      | 1            | 0.5                  | 0.5                  | TMV                  | Dhana Bhattian                     | 1                                  | 0.5           |   |                        |               |
|           | Strawbeery   | 1            | 1                    | 0                    |                      |                                    |                                    |               |   |                        |               |
| M.B.Din   | Berseem      | 3            | 8                    | 2                    | Root Rot             | Madre                              | 1                                  | 2             |   |                        |               |
|           | Berseem      |              |                      | 1                    | Aphid                |                                    |                                    |               | Chak No. 02 Shumali   | 1                      | 1             |
|           | Onion        | 1            | 1                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Cabbage      | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Round Gourd  | 4            | 3.5                  | 0                    | RPB                  | Dera Sharaf Din-Wasu               | 1                                  |               |   |                        |               |
|           | Tomato       | 4            | 4.5                  | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Raddish      | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Maize        | 1            | 8                    | 0                    |                      |                                    |                                    |               |   |                        |               |
| Sialkot   | Apple gourd  | 1            | 1                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Berseem      | 137          | 269                  | 0                    | Rotening             |                                    |                                    |               | (Lorhiki)(Weerwala) (Chally Ki)(Mally Ki)(Kotli Nagra)(Bambanwala) ( Hadoki)( Ali Pur Gujran ) ( Jetheki)( Hadoki) ( Shareef Pura ) |                        |               |
|           | Peas         | 2            | 3                    | 1                    | Leaf miner           |                                    |                                    |               | Raja Ghuman   | 1                      | 1             |
|           | Sugar beet   | 1            | 2                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Sugarcane    | 13           | 12                   | 1                    | Red rot              |                                    |                                    |               | Shota Shehzada  | 1                      | 1             |
|           | Garlic       | 11           | 3                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Corriander   | 1            | 4                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Cucumber     | 1            | 2                    | 0                    |                      |                                    |                                    |               |   |                        |               |
|           | Lady finger  | 1            | 1                    | 0                    |                      |                                    |                                    |               |   |                        |               |

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|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|-----------------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES        | No. of Spots Below ETL | AREA IN ACRES |
|          | Capsicum     | 2            | 4                    | 45018                | aphid                |                                    |                                    |               | Dadu Bajwa, Budiyan, Charar | 2                      | 2-4           |
|          | Canola       | 1            | 1                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Pumpkin      | 1            | 1                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Sponge gourd | 1            | 1                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Tomato       | 2            | 2                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Onion        | 6            | 24                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Musk melon   | 3            | 12                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Sunflower    | 2            | 9                    | 1                    | Stem rot             |                                    |                                    |               | Budiyan, Charar             | 1                      | 1             |
|          | Tobacco      | 2            | 0.5                  | 1                    | Cut worm             |                                    |                                    |               | Aqi Machi                   | 1                      | 1             |
|          | Chillies     | 2            | 3                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Strawbeery   | 4            | 5                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
| Narowal  | Berseem      | 103          | 135                  | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Apple gourd  | 3            | 4                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Apple gourd  | 3            | 4                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Okra         | 39           | 10                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Raddish      | 2            | 2                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Corriander   | 5            | 2                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Carrot       | 2            | 1                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Garlic       | 37           | 6                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Cucumber     | 2            | 5                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Cucumber     | 2            | 2                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Onion        | 2            | 4                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Pumpkin      | 22           | 11                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Turnip       | 2            | 4                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Sugarcane    | 12           | 48                   | 1                    | Top Borer            |                                    |                                    |               | Burra,                      | 1                      | 1             |
|          | Watermelon   | 10           | 18                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Musk melon   | 10           | 25                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Spinach      | 2            | 6                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Sunflower    | 12           | 16                   | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Chillies     | 4            | 6                    | 0                    |                      |                                    |                                    |               |                             |                        |               |
| Sargodha | Spinach      |              |                      | 0                    |                      |                                    |                                    |               |                             |                        |               |
|          | Berseem      | 105          | 207.25               | 0                    |                      |                                    |                                    |               |                             |                        |               |

| DISTRICT | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |               |                      |                        |               |
|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|----------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES | No. of Spots Below ETL | AREA IN ACRES |
|          | Apple gourd  |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Sugar beet   | 1            | 2                    | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Tobbaco      |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Lucern       | 18           | 26.25                | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Raddish      |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Tomato       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Corriander   |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Turnip       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Carrot       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Cauliflower  |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Turnip       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Round Gourd  | 1            | 1                    | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Mustard      | 3            | 7.5                  | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Canola       | 7            | 7.5                  | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Watermelon   |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Kallar Grass |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | pumpkin      | 2            | 2                    | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Garlic       | 1            | 3                    | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Brinjal      |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Sugarcane    |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Onion        |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Millet       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Garlic       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Garlic       | 1            | 0.75                 | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Cucumber     |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Tomato       |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Hybrid Grass | 5            | 12                   | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Okra         | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Bitter gourd | 1            | 1                    | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Oats         |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Chillies     |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |
|          | Bitter gourd |              |                      | 0                    |                      |                                    |                                    |               |                      |                        |               |

| DISTRICT | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |               |  |                        |               |
|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|--|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                                       | No. of Spots Below ETL | AREA IN ACRES |
|          | Bitter gourd | 1            | 1                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Sponge gourd |              |                      | 0                    |                      |                                    |                                    |               |  |                        |               |
| Mianwali | Berseem      | 33           | 39                   | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Canola       | 17           | 56                   | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Lucern       | 2            | 3                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Onion        | 7            | 6                    | 1.25                 | Thrips/PURPLE Blotch | Ahmad Khanwala                     | 1                                  | 0.25          | Jall Janubi  | 1                      | 1             |
|          | Sarsoon      | 19           | 33                   | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Oats         | 16           | 18                   | 0                    |                      |                                    |                                    |               |  |                        |               |
| Khushab  | Berseem      | 15           | 17                   | 2                    | White Mould          | Sandral, Chak 58/MB                | 3                                  | 2             |  |                        |               |
|          | Berseem      |              |                      | 4                    | Aphid                |                                    |                                    |               | Sandral, Chak 58/MB  | 4                      | 4             |
|          | Berseem      | 14           | 12.3                 | 0.4                  | Semilooper           |                                    |                                    |               | 35TDA  | 1                      | 0.4           |
|          | Berseem      |              |                      | 1.7                  | Aphid                |                                    |                                    |               | 33TDA,Goharwala,Kanjan Nashaib                             | 3                      | 1.7           |
|          | Sugar beet   | 2            | 3                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Berseem      |              |                      | 2                    | Caterpillar          |                                    |                                    |               | Kanjan Nashaib   | 1                      | 2             |
|          | Sunflower    | 7            | 18                   | 11                   | Aphid                |                                    |                                    |               | Pathankot,Dagar Kotli Janob,Lal Bhattiwala,Azizabad,210TDA | 4                      | 11            |
|          | Onion        | 6            | 15                   | 14                   | Thrips               |                                    |                                    |               | Katha Misral   | 5                      | 14            |
|          | Tomato       | 11           | 47                   | 11                   | Helicoverpa          |                                    |                                    |               | Katha Misral   | 3                      | 11            |
|          | Tomato       |              |                      | 32                   | Late Blight          | Katha Misral                       | 8                                  | 32            |  |                        |               |
|          | Tomato       |              |                      | 11                   | Aphid                |                                    |                                    |               | Katha Misral   | 2                      | 11            |
|          | Tomato       |              |                      | 15                   | Bacterial Soft Rot   | Katha Misral                       | 3                                  | 15            |  |                        |               |
|          | Cabbage      | 1            | 0.5                  | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Lucern       | 31           | 25.3                 | 5                    | Caterpillar          |                                    |                                    |               | 13TDA,15TDA,16TDA,   | 4                      | 5             |

| DISTRICT   | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |               |   |                        |               |
|------------|--------------|--------------|----------------------|---------------|----------------------|------------------------------------|------------------------------------|---------------|---|------------------------|---------------|
|            |              |              |                      | (Acre)        |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                    | No. of Spots Below ETL | AREA IN ACRES |
|            | Lucern       |              |                      | 3.8           | Semilooper           |                                    |                                    |               | 35TDA,67ML.Lal Bhattiwala,Kotli Janobi, | 5                      | 3.8           |
|            | Lucern       |              |                      | 0.4           | Aphid                |                                    |                                    |               | 214TDA                                  | 1                      | 0.4           |
|            | Mustard      | 11           | 25                   | 3             |                      |                                    |                                    |               | Muslimkot,Gorcha Nashaib                | 2                      | 3             |
|            | Onion        | 5            | 4.8                  | 1.5           | Thrips               |                                    |                                    |               | Mouza Raseedpur,Rukh Mankera            | 2                      | 1.5           |
|            | Onion        |              |                      | 0.4           | Purple Blotch        | 70AML                              | 1                                  | 0.4           |   |                        |               |
|            | Pumpkin      | 1            | 1.5                  | 1.5           | Red Pumpkin Beetle   |                                    |                                    |               | Gorcha Nashaib                          | 1                      | 1.5           |
|            | Raya         | 2            | 4                    | 1             | Aphid                |                                    |                                    |               | 38TDA                                   | 1                      | 1             |
|            | Tomato       | 1            | 0.5                  | 0.5           | Aphid                |                                    |                                    |               | Gorcha Nashaib Bhakkar                  | 1                      | 0.5           |
| Rawalpindi | Apple gourd  | 1            | 0.2                  | 0             |                      |                                    |                                    |               |   |                        |               |
|            | Cauliflower  |              |                      | 0.1           | Aphid                |                                    |                                    |               | Bashir Colony U.C Jalala                | 1                      | 0.1           |
|            | Cauliflower  |              |                      | 0.1           | Armyworm             |                                    |                                    |               | Thatta Khalil                           | 1                      | 0.1           |
|            | Cauliflower  |              |                      | 0.9           | Cabbage Butterfly    |                                    |                                    |               | Channi Awan, Kandhar, Aliot             | 6                      | 0.9           |
|            | Pumpkin      |              |                      | 0.3           | Leaf miner           |                                    |                                    |               | Garhi Afganana, Gangu Jumma, Matto      | 3                      | 0.3           |
|            | Bitter gourd |              |                      | 0.1           | Leaf miner           |                                    |                                    |               | Thatta Khalil                           | 1                      | 0.1           |
|            | Apricot      | 3            | 0.9                  | 0             |                      |                                    |                                    |               |   |                        |               |
|            | Banana       | 1            | 0.1                  | 0             |                      |                                    |                                    |               |   |                        |               |
|            | Beet root    | 7            | 1.2                  | 0             |                      |                                    |                                    |               |   |                        |               |
|            | Capsicum     | 3            | 0.3                  | 0             |                      |                                    |                                    |               |   |                        |               |
|            | Brinjal      | 4            | 0.5                  | 0             |                      |                                    |                                    |               |   |                        |               |
|            | Cabbage      | 2            | 0.3                  | 0             |                      |                                    |                                    |               |   |                        |               |

| DISTRICT | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES      |                                    |               |   |                        |               |
|----------|--------------|--------------|----------------------|----------------------|----------------------|---|------------------------------------|---------------|---|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES                    | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES  | No. of Spots Below ETL | AREA IN ACRES |
|          | Carrot       | 8            | 1.4                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Corriander   | 23           | 3.2                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Cucumber     | 3            | 1.8                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Fig          | 1            | 0.1                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Garlic       | 22           | 4.1                  | 0.2                  | Aphid                |   |                                    |               | Tarahiya, Dhalla  | 2                      | 0.2           |
|          | Garlic       |              |                      | 0.2                  | Thrips               |   |                                    |               | Kandhar, Aliot  | 2                      | 0.2           |
|          | Bitter gourd | 5            | 1.1                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Grapes       | 8            | 17.25                | 0                    |                      |   |                                    |               |   |                        |               |
|          | Lemon        | 4            | 8.2                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Lettuce      | 18           | 3.9                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Loquat       | 9            | 1.4                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Lucern       | 1            | 0.1                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Mint         | 11           | 1.1                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Musk melon   | 1            | 0.4                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Mustard      | 2            | 0.2                  | 0.1                  | Jassid               |   |                                    |               | Dhoke Nallah  | 1                      | 0.1           |
|          | onion        | 21           | 3.4                  | 1.1                  | Thrips               |   |                                    |               | Mouza Channi Awan, Kandhar, Dulmi, Galiana, Daultala, Dhoke Chaudrian | 8                      | 1.1           |
|          | Peach        | 14           | 25.4                 | 2.2                  | Peach Leaf Curl      | Rakh Mor, Garhi Afganana, Pind Nowsheri | 3                                  | 2.2           |   |                        |               |
|          | Peach        |              |                      | 0.1                  | Shot Holes           | Pind Nowsheri                           | 1                                  | 0.1           |   |                        |               |
|          | Peach        |              |                      | 0.2                  | Aphid                |   |                                    |               | Mohra Khatran   | 2                      | 0.2           |
|          | Pear         | 1            | 0.1                  | 0                    |                      |   |                                    |               |   |                        |               |
|          | Plum         | 3            | 0.4                  | 0.1                  | Aphid                |   |                                    |               | Shahpur   | 1                      | 0.1           |

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|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|------------------------------|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES         | No. of Spots Below ETL | AREA IN ACRES |
|          | Pomegranate  | 1            | 0.1                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Pumpkin      | 12           | 4.5                  | 0.3                  | Aphid                |                                    |                                    |               | Galiana, Habib Kanyal        | 3                      | 0.3           |
|          | Cauliflower  | 17           | 8                    | 0.1                  | Leaf Spot            | Juggian                            | 1                                  | 0.1           |                              |                        |               |
|          | Raddish      | 12           | 2                    | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Rapseed      | 1            | 0.2                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Rose         | 3            | 2.2                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Sponge gourd | 2            | 0.6                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Tomato       | 29           | 5.2                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Turmeric     | 1            | 0.2                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Turnip       | 5            | 1.5                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Zucchini     | 1            | 0.2                  | 0.2                  |                      |                                    |                                    |               | Bhattian                     | 1                      | 0.2           |
|          | Oats         | 12           | 8.3                  | 0.1                  | Aphid                |                                    |                                    |               | Kolian                       | 1                      | 0.1           |
|          | Chillies     | 11           | 4.3                  | 0.2                  | Aphid                |                                    |                                    |               | Thatta Khalil, Farooq e Azam | 2                      | 0.2           |
|          | Spinach      | 39           | 6.2                  | 0.5                  | Leaf Spot            | Dhalla, Sangohri, Daultala         | 4                                  | 0.5           |                              |                        |               |
|          | Bitter gourd | 12           | 1.6                  | 0.2                  | Aphid                |                                    |                                    |               | Ghari Afganana, Galiana      | 2                      | 0.2           |
|          | Fenugreek    | 12           | 1.9                  | 0.2                  | Leaf Spot            | Matto                              | 1                                  | 0.2           |                              |                        |               |
|          | Strawbeery   | 1            | 0.1                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
| Attock   | Melon        | 9            | 23.4                 | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Cauliflower  | 2            | 4.5                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Spinach      | 4            | 2.7                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Tobbaco      | 1            | 0.9                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Berseem      | 2            | 0.3                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Bitter gourd | 2            | 0.6                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Apple        | 1            | 0.1                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Arvi         | 2            | 0.11                 | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Brinjal      | 1            | 0.1                  | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Chillies     | 3            | 0.41                 | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Corriander   | 7            | 10.6                 | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Fodder       | 26           | 13.17                | 0                    |                      |                                    |                                    |               |                              |                        |               |
|          | Garlic       | 8            | 2.72                 | 0.1                  | Thrips               |                                    |                                    |               | Mansar                       | 1                      | 0.1           |
|          | Bitter gourd | 5            | 4                    | 0                    |                      |                                    |                                    |               |                              |                        |               |

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|----------|--------------|--------------|----------------------|----------------------|------------------------------------|------------------------------------|------------------------------------|---------------|----------------------|------------------------|---------------|
|          |              |              |                      |                      |                                    | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES | No. of Spots Below ETL | AREA IN ACRES |
|          | Grapes       | 1            | 2.5                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Lucern       | 1            | 0.1                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Fenugreek    | 4            | 2.3                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Oats         | 1            | 0.2                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Mint         | 1            | 0.1                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Mustard      | 2            | 1.3                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Okra         | 3            | 1.3                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Onion        | 3            | 5.3                  | 0.1                  | Purple Blotch                      | Kot Sundki                         | 1                                  | 0.1           |                      |                        |               |
|          | Peach        | 1            | 0.1                  | 0.1                  | Aphid                              |                                    |                                    |               | Hassar               | 1                      | 0.1           |
|          | Plum         | 1            | 0.1                  | 0.1                  | Gummosis                           | Hassar                             | 1                                  | 0.1           |                      |                        |               |
|          | Pumpkin      | 1            | 0.3                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Raddish      | 5            | 2.6                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Rose         | 1            | 0.1                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Sugarcane    | 1            | 0.4                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Tomato       | 31           | 48.9                 | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Sponge gourd | 2            | 1                    | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Turnip       | 3            | 2.52                 | 0                    |                                    |                                    |                                    |               |                      |                        |               |
| Chakwal  | Apple gourd  | 2            | 0.75                 | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Melon        | 3            | 4.825                | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Cauliflower  | 17           | 9.15                 | 0.75                 | Pieris brassicae Larvae, Army worm | Karyala                            | 1                                  | 0.5           | Sarwar abad          | 2                      | 0.25          |
|          | Spinach      | 7            | 1                    | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Berseem      | 21           | 17.75                | 0.125                | Root rot                           | Dhok Daraz                         | 1                                  | 0.125         |                      |                        |               |
|          | Alsi         | 1            | 0.5                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Apricot      | 5            | 1.125                | 0.125                | Gummosis                           | Maingan                            | 1                                  | 0.125         |                      |                        |               |
|          | Barley       | 2            | 4.5                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Bitter gourd | 9            | 6.875                | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Brinjal      | 7            | 3                    | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Cabbage      | 1            | 0.25                 | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Capsicum     | 12           | 83.625               | 0.25                 | Aphid, Wilting                     | Miani                              | 1                                  | 0.125         | Miani                | 1                      | 0.125         |
|          | Corriander   | 12           | 2.9                  | 0                    |                                    |                                    |                                    |               |                      |                        |               |
|          | Cucumber     | 6            | 6.375                | 0.375                | Downy mildew                       | Peerah fathal, Leti                | 2                                  | 0.375         |                      |                        |               |



| DISTRICT | CROPS        | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |               |  |                        |               |
|----------|--------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|---------------|--|------------------------|---------------|
|          |              |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES | BELOW ETL LOCALITIES                           | No. of Spots Below ETL | AREA IN ACRES |
|          | Garlic       | 6            | 2.75                 | 0.5                  | Thrips               |                                    |                                    |               | Malakwal, Chaki Shah Ji, Leti                  | 3                      | 0.5           |
|          | Grapes       | 3            | 4.5                  | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Jamman       | 1            | 0.125                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Masar        | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Mint         | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Mustard      | 8            | 14                   | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Oats         | 15           | 4.575                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Okra         | 3            | 1.875                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Onion        | 18           | 24.125               | 0.75                 | Thrips               |                                    |                                    |               | Adlaka, Miani, Chaki Shah Ji, Leti, Gujar Town | 6                      | 0.75          |
|          | Peach        | 3            | 0.375                | 0.125                | Gummosis             | Maingan                            | 1                                  | 0.125         |  |                        |               |
|          | Pomegranate  | 1            | 0.125                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Pumpkin      | 5            | 1.75                 | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Raddish      | 1            | 0.125                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Rose         | 2            | 3                    | 0.125                | Aphid                |                                    |                                    |               | Bhoon  | 1                      | 0.125         |
|          | Round Gourd  | 7            | 5.125                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Sugarcane    | 3            | 2.25                 | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Taramira     | 1            | 0.25                 | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Tomato       | 13           | 4.875                | 0.125                | Blight               | Bhoon                              | 1                                  | 0.125         |  |                        |               |
|          | Sponge gourd | 3            | 1                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Turnip       | 3            | 1                    | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Watermelon   | 2            | 1.5                  | 0.125                | Downy mildew         | Chaki Shah Ji                      | 1                                  | 0.125         |  |                        |               |
|          | Chillies     | 11           | 4.875                | 0.625                |                      |                                    |                                    |               | Miani, Sarwar abad, Bharpur                    | 4                      | 0.625         |
| Jhelum   | Berseem      | 2            | 1.3                  | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Cauliflower  | 11           | 4.3                  | 0.375                | Aphid                |                                    |                                    |               | Aima Ladiyan, Shamspur, Monapind               | 3                      | 0.375         |
|          | Peas         | 6            | 3.2                  | 0.5                  | Leaf miner           |                                    |                                    |               | Pinanwal                                       | 1                      | 0.5           |
|          | Berseem      | 18           | 9.625                | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Spinach      | 19           | 11.95                | 1.25                 | Leaf Spot            | Dina, Darapur, Monapind            | 4                                  | 1.25          |  |                        |               |
|          | Capsicum     | 16           | 5.75                 | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Brinjal      | 11           | 3.5                  | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Corriander   | 11           | 2.3                  | 0                    |                      |                                    |                                    |               |  |                        |               |
|          | Cucumber     | 1            | 0.5                  | 0                    |                      |                                    |                                    |               |  |                        |               |

| DISTRICT     | CROPS       | No. of Spots | Area Surveyed (Acre) | Area Affected (Acre) | INSECT PEST/ DISEASE | AFFECTED LOCALITIES/ AREA IN ACRES |                                    |                |  |                        |                |
|--------------|-------------|--------------|----------------------|----------------------|----------------------|------------------------------------|------------------------------------|----------------|--|------------------------|----------------|
|              |             |              |                      |                      |                      | ABOVE ETL LOCALITIES               | No. of Spots Above ETL (Hot Spots) | AREA IN ACRES  | BELOW ETL LOCALITIES   | No. of Spots Below ETL | AREA IN ACRES  |
|              | Fenugreek   | 2            | 0.2                  | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Garlic      | 10           | 2.5                  | 0.5                  | Aphid                |                                    |                                    |                | Khana Boki   | 1                      | 0.5            |
|              | Lucern      | 2            | 0.625                | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Mint        | 1            | 0.5                  | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Mustard     | 31           | 16.6                 | 2                    | Aphid                |                                    |                                    |                | Ghurahmad, Aima Ladiyan, Chak Danayal, Nikodar, Darapur, Monapind, | 7                      | 2              |
|              | Onion       | 3            | 0.7                  | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Raddish     | 11           | 4.25                 | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Round Gourd | 7            | 2.8                  | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Squash      | 2            | 1                    | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Sugarcane   | 19           | 38.5                 | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Turnip      | 16           | 5.2                  | 0                    |                      |                                    |                                    |                |  |                        |                |
|              | Watermelon  | 6            | 3.5                  | 0                    |                      |                                    |                                    |                |  |                        |                |
| <b>TOTAL</b> |             | <b>4901</b>  | <b>10653.9</b>       | <b>49797.7</b>       |                      |                                    | <b>1144</b>                        | <b>8041.03</b> |  | <b>1271</b>            | <b>7014.65</b> |