

## PEST SITUATION OF FIELD CROPS, VEGETABLES &amp; ORCHARDS FOR 1ST FORTNIGHT OF OCTOBER, 2022

| 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       | 21           | 275                  | 242                  | Scales                |   |                                    |                     | Nawab Pur, Bangal Wala, Gardez pur, Chah meran khan, Soman, Khakhi punjani, Ali pur sadaat, Aado wali   | 10                     | 116           |
|             |             |              |                      |                      | Mango Tip Borer       |   |                                    |                     | Nawab Pur   | 1                      | 10            |
|             |             |              |                      |                      | Thrips                |   |                                    |                     | Abbas Pur, Nazwa pur, Bait ketch, Ali pur sadaat  | 4                      | 76            |
|             |             |              |                      |                      | Fruit Fly             |   |                                    |                     |   |                        |               |
|             |             |              |                      |                      | Galls/ Midges         |   |                                    |                     | Abbas pur, Nawab pur, Bangal wala, Wahi rikki, Halal wajah, Shah pur ubah, Soman, Kahkhi punjani, Jalal pur Khakhi, Bait ketch, Ali pur sadaat, Bahadur pur | 12                     | 164           |
|             |             |              |                      |                      | Anthracoese           | Abbas pur, Nawab pur, Bangal wala, Wahi rikki, Halal wajah, Shah pur ubah, Soman, Kahkhi punjani, Jalal pur Khakhi, Bait ketch, Ali pur sadaat, Wacha sandila, Aado wali, Bahadur pur | 17                                 | 201                 |   |                        |               |
|             |             |              |                      |                      | Gummosis              | Nawab Pur, Gardez pur, Chah meran khan, Khakhi punjani, Ali pur sadaat, Bait Ketch, Wacha sandila, Aado wali  | 10                                 | 145                 |   |                        |               |
|             |             |              |                      |                      | Decline               | Abbas pur, Nawab pur, Gardez pur, Wahi rikki, Halal wajah, Shah pur ubah, Soman, Kahkhi punjani, Jalal pur Khakhi, Ali pur sadaat, Bahadur pur  | 11                                 | 141                 |   |                        |               |
|             | Citrus      | 15           | 210                  | 184                  | Leaf Minor            |   |                                    |                     | Tara garh, Hamid pur, Kabir pur, Labar, Basti mithu, Shah pur ubah, Chahan meran khan, Karmoo Wali, Mochi pannu   | 10                     | 98            |
| Whitefly    |             |              |                      |                      |                       |   |                                    |                     |   |                        |               |
| Fruit Fly   |             |              |                      |                      |                       |   |                                    |                     | Buch  | 1                      | 10            |
| Psylla      |             |              |                      |                      |                       |   |                                    |                     | Tara garh, Kabir pur  | 2                      | 78            |
| Thrips      |             |              |                      |                      |                       |   |                                    |                     | Buch, Kabir pur, Karmoo wali  | 3                      | 19            |
| Caterpillar |             |              |                      |                      |                       |   |                                    |                     | Tara garh, Kabir pur, Basti mithu, Chahan meran khan, Karmoo Wali, Mochi pannu  | 7                      | 83            |
|             |             |              |                      |                      | Scab                  | Tara garh, Kabir pur, Basti mithu   | 3                                  | 83                  |   |                        |               |
|             |             |              |                      |                      | Wither Tip            | Tara garh, Buch, Kabir pur, Labar, Jam pur, Basti mithu, Shah pur ubah, Karmoo Wali, Mochi pannu  | 9                                  | 94                  |   |                        |               |
|             |             |              |                      |                      | Gummosis              | Kabir pur, Jam pur, Chahn meran khan  | 4                                  | 33                  |   |                        |               |
|             |             |              |                      |                      | Canker                | Hamid pur, Kabir pur, Labar, Basti mithu  | 4                                  | 48                  |   |                        |               |
|             |             |              |                      |                      | Slow Decline          | Tara garh, Kabir pur, Basti mithu, Karmoo Wali  | 4                                  | 84                  |   |                        |               |
|             | GUAVA       | 4            | 9                    | 7                    | Withertip             | Basti Mithu, Mochi pannu  | 2                                  | 6                   |   |                        |               |
| Anthracoese |             |              |                      |                      | Mohan pur             | 1   | 1                                  |                     |   |                        |               |
|             | Potato      | 3            | 30                   |                      |                       |   |                                    |                     |   |                        |               |
|             | Chillies    | 6            | 14                   | 14                   | Thrips                |   |                                    |                     | Rukan hatti, Bait ketch, Basti nchhken, Khan bela   | 5                      | 13            |
| ABW         |             |              |                      |                      |                       |   |                                    |                     |   |                        |               |
| W.fly       |             |              |                      |                      |                       |   |                                    |                     | Bait ketch, Basti nchhken, Khan bela  | 4                      | 12            |
| Collar Rot  |             |              |                      |                      | Rukan hatti           | 1   | 1                                  |                     |   |                        |               |
|             |             |              |                      |                      | Anthracoese           |   |                                    |                     |   |                        |               |
|             |             |              |                      |                      | LCV                   | Rukan hatti   | 1                                  | 1                   |   |                        |               |
|             | Cauliflower | 9            | 15                   | 13                   | Whitefly              |   |                                    |                     | Alamgir, Kher pur, Chak 83 M, Umer pur  | 4                      | 6             |
|             |             |              |                      |                      | Army Worm             | Baqir pur, Alamgir Rukan Hatti, Kher pur, Chak 83 M, Umer pur   | 7                                  | 11                  |   |                        |               |
|             | Onion       | 2            | 8                    |                      | Downy Mildew          |   |                                    |                     |   |                        |               |
|             | Okra        | 1            | 1                    | 1                    | Jassid                |   |                                    |                     | Kher pur  | 1                      | 1             |
| SBW         |             |              |                      |                      |                       |   |                                    | Kher pur            | 1   | 1                      |               |
|             | Cucumber    | 1            | 7                    |                      |                       |   |                                    |                     |   |                        |               |
|             | Pumpkin     | 1            | 2                    | 2                    | Downy Mildew          | Basti nachken   | 2                                  | 2                   |   |                        |               |
|             | Spinach     | 3            | 4                    | 3                    | Whitefly              |   |                                    |                     |   |                        |               |
|             |             |              |                      |                      | Army Worm             |   |                                    |                     | Kher pur, Chak 83 M   | 2                      | 3             |
|             | Brinjal     | 3            | 5                    | 5                    | BSFB                  |   |                                    |                     | Baqir pur, Kabir pur, Kher pur  | 3                      | 5             |
| Whitefly    |             |              |                      |                      |                       |   |                                    | Baqir pur, Kher pur | 2   | 2                      |               |
|             |             |              |                      |                      | Jassid                |   |                                    |                     | Baqir pur, Kabir pur, Kher pur  | 3                      | 5             |
|             | Carrot      | 4            | 15                   |                      |                       |   |                                    |                     |   |                        |               |
|             | Turmeric    | 1            | 1                    |                      |                       |   |                                    |                     |   |                        |               |
|             | Turnip      | 2            | 2                    | 2                    | Whitefly              |   |                                    |                     | Umer pur  | 2                      | 2             |

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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 |
|          | Napier      | 8            | 9                    |                      |                      |   |                                    |               |   |                        |               |
|          | Mott Grass  | 5            | 7                    |                      |                      |   |                                    |               |   |                        |               |
|          | Rhode Grass | 12           | 15                   |                      |                      |   |                                    |               |   |                        |               |
| KHANEWAL | Citrus      | 12           | 65                   | 56                   | Leaf Minor           |   |                                    |               | Nanakpur, Kohna, 116/10R, 117/10R, Norang shah,118/15L,115/15L                            | 7                      | 44            |
|          |             |              |                      |                      | White FLY            |   |                                    |               | 12/AH, 116/10R, Norang Sha, 115/15L   | 4                      | 14            |
|          |             |              |                      |                      | Canker               | Nanakpur,116/10R, Mohripur, Chopar Hatta, 18/8BR,115/15L                                  | 6                                  | 30            |   |                        |               |
|          |             |              |                      |                      | Withertip            | Nanakpur, Kohna, 117/10R, Mohripur,116/15L  | 5                                  | 35            |   |                        |               |
|          | Mango       | 15           | 101                  | 52                   | Galls                |   |                                    |               | 71/10R, 27/10R, Rahim shah,123/10R, Balochan,Chopar Hatta,6/8AR, Kot Berkat Ali           | 8                      | 42            |
|          |             |              |                      |                      | Anthraco nose        | 71/10R, 123/10R,Blochhan,Chopar Hatta,6/8AR, Kot Berkat Ali, 9/8AR                        | 9                                  | 47            |   |                        |               |
|          | Guava       | 4            | 10                   | 3                    | Anthraco nose        | 18/8BR,114/15L  | 2                                  | 3             |   |                        |               |
|          |             |              |                      |                      | Fruit Fly            |   |                                    |               | 13/8AR  | 1                      | 3             |
|          | Arum        | 2            | 6                    |                      |                      |   |                                    |               |   |                        |               |
|          | Brinjal     | 1            | 3                    | 2                    | ABW                  |   |                                    |               | 92/10R  | 1                      | 2             |
|          |             |              |                      |                      | White FLY            |   |                                    |               | 92/10R  | 1                      | 2             |
|          | Carrot      | 4            | 4                    | 1                    | White fly            |   |                                    |               | 129/15L   | 1                      | 1             |
|          | Cauliflower | 4            | 7                    | 3                    | Army worm            | 129/15L   | 2                                  | 2             |   |                        |               |
|          |             |              |                      |                      | Whitefly             |   |                                    |               | 84/10R  | 1                      | 1             |
|          | Onion       | 1            | 2                    |                      |                      |   |                                    |               |   |                        |               |
|          | Raddish     | 4            | 4                    | 1                    | Whitefly             |   |                                    |               | 15/8BR  | 1                      | 1             |
|          | Spinach     | 6            | 8                    | 5                    | Whitefly             |   |                                    |               | 85/10R, Rahim shah, 114/10R, Noran shah, Mohripur   | 5                      | 5             |
|          |             |              |                      |                      | Jassid               |   |                                    |               | 85/10R, Rahim shah, 114/10R, Noran shah,  | 4                      | 4             |
|          | Bittergourd | 1            | 1                    | 1                    | Whitefly             |   |                                    |               | 84/10R  | 1                      | 1             |
|          |             |              |                      |                      | Downy mildew         | 84/10R  | 1                                  | 1             |   |                        |               |
|          | Cucumber    | 1            | 1                    | 1                    | Whitefly             |   |                                    |               | 84/10R  | 1                      | 1             |
|          |             |              |                      |                      | Jassid               |   |                                    |               | 84/10R  | 1                      | 1             |
|          | Pumpkin     | 1            | 1                    |                      |                      |   |                                    |               |   |                        |               |
| VEHARI   | Chillies    | 2            | 5                    | 1                    | White Fly            |   |                                    |               | 259/EB  | 1                      | 1             |
|          | Guava       | 4            | 14                   |                      |                      |   |                                    |               |   |                        |               |
|          | Bittergourd | 2            | 4                    |                      |                      |   |                                    |               |   |                        |               |
|          | Tomato      | 1            | 3                    | 1                    | White Fly            |   |                                    |               | Chattani  | 1                      | 1             |
|          | Rava        | 15           | 17                   |                      |                      |   |                                    |               |   |                        |               |
|          | Cucumber    | 9            | 57                   | 31                   | White Fly            |   |                                    |               | Chattani, 259/EB,215/EB   | 3                      | 31            |
|          | Mango       | 7            | 45                   | 38                   | Anthraco nose        | 32/WB,Tiba Sultan Pur, 128/EB,529/EB  | 7                                  | 45            |   |                        |               |
|          |             |              |                      | 2                    | Gumosis              | 32/WB   | 1                                  | 2             |   |                        |               |
|          | Citrus      | 6            | 56                   | 14                   | Leafminer            |   |                                    |               | 32/WB,Tiba Sultan Pur, 403/EB, 52/WB  | 3                      | 24            |
|          |             |              |                      | 58                   | Withertip            | 32/WB,Tiba Sultan Pur, 403/EB,98/EB, 52/WB  | 6                                  | 58            |   |                        |               |
|          |             |              |                      |                      | White Fly            |   |                                    |               | 32/WB   | 1                      |               |
| Lodhran  | Mango       | 10           | 174                  | 174                  | Scale                |   |                                    |               | Mujaldi Wala, Sumra, Jallah Arrain, Noor Shah Gillani                                     | 4                      | 96            |
|          |             |              |                      |                      | Galls Insect         |   |                                    |               | Mujaldi Wala, Sumra, Jallah Arrain, Noor Shah Gillani, Dera Jand, Jumrani Wah, Masa Kotha | 10                     | 174           |
|          |             |              |                      |                      | Anthraco nose        | Mujaldi Wala, Sumra, Jallah Arrain, Noor Shah Gillani, Dera Jand, Jumrani Wah, Masa Kotha | 10                                 | 174           |   |                        |               |
|          |             |              |                      |                      | Gumosis              | Sumra, Jallah Arrain, Masa Kotha  | 3                                  | 36            |   |                        |               |
|          | Citrus      | 9            | 130                  | 130                  | Leaf Miner           |   |                                    |               | Mundhali, Sumra, Mujaldi Wala, 360/WB, Jallah Arrain, Kehror Pacca, Ali Pur Kanju         | 9                      | 130           |
|          |             |              |                      |                      | Wither Tip           | Mundhali, Sumra, Mujaldi Wala, 360/WB, Jallah Arrain, Kehror Pacca, Ali Pur Kanju         | 9                                  | 130           |   |                        |               |
|          |             |              |                      |                      | Fruit Fly            |   |                                    |               | Mundhali, Sumra, Jallah Arrain, Kehror Pacca  | 5                      | 68            |
|          | Guava       | 1            | 2                    |                      |                      |   |                                    |               |   |                        |               |
|          | Spanich     | 1            | 2                    |                      |                      |   |                                    |               |   |                        |               |
|          | Cauliflower | 4            | 6                    |                      |                      |   |                                    |               |   |                        |               |
|          | Brinjal     | 9            | 13                   | 13                   | Whitefly             |   |                                    |               | Sandhi Wala, Gogran, Rappar, Dhakna Garu  | 9                      | 13            |
|          |             |              |                      |                      | Jassid               |   |                                    |               | Sandhi Wala, Gogran, Rappar, Dhakna Garu  | 9                      | 13            |
|          |             |              |                      |                      | Borer                |   |                                    |               | Sandhi Wala, Gogran, Rappar, Dhakna Garu  | 9                      | 13            |

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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 |
|            | Chillies     | 6            | 9                    | 9                    | Whitefly             |   |                                    |               | 10/MPR, Dhanote, Zekar Wahin, Bhinda Garwan  | 6                      | 9             |
|            |              |              |                      |                      | Wilt                 | 10/MPR, Dhanote, Zekar Wahin, Bhinda Garwan   | 5                                  | 8             |  |                        |               |
|            |              |              |                      |                      | Anthracnose          | 10/MPR, Dhanote, Zekar Wahin, Bhinda Garwan   | 4                                  | 7             |  |                        |               |
|            | Cucumber     | 4            | 6                    | 6                    | Whitefly             |   |                                    |               | Sandhi Wala, 28/M Dhanote, Jumrani Wah   | 4                      | 6             |
|            |              |              |                      |                      | Downy Mildew         | Sandhi Wala, 28/M Dhanote, Jumrani Wah  | 4                                  | 6             |  |                        |               |
| Sahiwal    | Carrot       | 3            | 4                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Cabbage      | 1            | 2                    | 2                    | Army Worm            | 116/7R  | 1                                  | 2             |  |                        |               |
|            | Brinjal      | 3            | 4                    | 2                    | Borer                |   |                                    |               | 132/9L,86/9L   | 2                      | 2             |
|            | Cauliflower  | 4            | 6                    | 4                    | Army Worm            | 138/9L  | 1                                  | 1             |  |                        |               |
|            |              |              |                      |                      | Jassid               |   |                                    |               | 88/6R  | 1                      | 3             |
|            | Round Gourd  | 2            | 2                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Raddish      | 1            | 1                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Bitter Gourd | 1            | 2                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Citrus       | 5            | 41                   | 17                   | Leaf Miner           |   |                                    |               | 103/9L,136/9L,90/12L,88/12L,36/12L   | 5                      | 17            |
|            |              |              |                      |                      | Wither Tip           | 103/9L,136/9L,90/12L,88/12L   | 4                                  | 16            |  |                        |               |
|            |              |              |                      |                      | Canker               | 103/9L,136/9L,90/12L,88/12L   | 2                                  | 8             |  |                        |               |
|            | Mango        | 4            | 73                   | 17                   | Slow Decline         | 90/12L,88/12L   |                                    |               | 133/9L,180/9L  | 4                      | 17            |
|            |              |              |                      |                      | Galls                |   |                                    |               |  |                        |               |
|            |              |              |                      |                      | Anthracnose          | 133/9L,180/9L   | 4                                  | 17            |  |                        |               |
|            |              |              |                      |                      | Malformation         | 133/9L,180/9L   | 4                                  | 17            |  |                        |               |
|            | Guava        | 4            | 11                   | 4                    | Anthracnose          | M.Pur, 95/12L   | 2                                  | 4             |  |                        |               |
|            |              |              |                      |                      | Fruit Fly            |   |                                    |               | M.Pur, 95/12L  | 2                      | 4             |
| Pakpattan  | Bittergourd  | 4            | 10                   | 0                    |                      |   |                                    |               |  |                        |               |
|            | Cabbage      | 1            | 1                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Chillies     | 2            | 4                    | 4                    | White fly            |   |                                    |               | daleel kav, 67/EB  | 2                      | 4             |
|            | Cucumber     | 2            | 2                    | 1                    | White fly            |   |                                    |               | 39/EB  | 1                      | 1             |
|            | Spinach      | 1            | 1                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Guava        | 3            | 15                   | 9                    | Fruit Fly            |   |                                    |               | Pati Pur, 32/EB  | 2                      | 9             |
|            |              |              |                      |                      | Anthracnose          | Pati Pur, 32/EB   | 2                                  | 9             |  |                        |               |
|            | Mango        | 1            | 6                    | 6                    | Anthracnose          | Pati Pur  | 1                                  | 6             |  |                        |               |
|            | Citrus       | 2            | 7                    | 7                    | Wither Tip           | Asad Ullah Pur, Pati Pur  | 2                                  | 7             |  |                        |               |
|            |              |              |                      |                      | Canker               | Asad Ullah Pur, Pati Pur  | 2                                  | 7             |  |                        |               |
| Okara      | Brinjal      | 5            | 6                    | 1                    | Borer                |   |                                    |               | Karma Wala   | 1                      | 1             |
|            | Cabbage      | 1            | 1                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Cauliflower  | 3            | 4                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Spinach      | 4            | 4                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Corriander   | 4            | 5                    | 0                    |                      |   |                                    |               |  |                        |               |
|            | Raddish      | 3            | 6                    | 2                    | Army Worm            | 36-37/2RA   | 1                                  | 2             |  |                        |               |
|            | Citrus       | 3            | 5                    | 4                    | Wither Tip           | 27/2L, 12/1L  | 2                                  | 4             |  |                        |               |
|            |              |              |                      |                      | Canker               | 27/2L, 12/1L  | 2                                  | 4             |  |                        |               |
|            | Mango        | 3            | 9                    | 6                    | Anthracnose          | 51/2L, 12/1L  | 2                                  | 6             |  |                        |               |
|            | Guava        | 4            | 38                   | 10                   | Fruit Fly            |   |                                    |               | 31/2L, 24/2R   | 2                      | 10            |
|            |              |              |                      |                      | Anthracnose          | 31/2L, 24/2R  | 2                                  | 10            |  |                        |               |
| Bahawalpur | Mango        | 31           | 702                  | 702                  | Mango Fruit Borer    |   |                                    |               |  |                        |               |
|            |              |              |                      |                      | Mango Hopper         |   |                                    |               | Makhdoom pur, Manjhi wala, 155 156 NP, Mehrab wala   | 6                      | 301           |
|            |              |              |                      |                      | Scales               |   |                                    |               | Rama, 11/BC, 8/BC, Fattu Wali, Sanjar, Khanqah Sahrif, Noor Aaraian, Jamrani Kohna,Mosa Khokhar, Ramzan Joya, Wahi Qadir Dina and Rajar Hoo, 91 DB, 98 DNB, 47 DNB, 106 DB   | 21                     | 453           |
|            |              |              |                      |                      | Galls Insects        |   |                                    |               | Rama, 11/BC, 8/BC, Fattu Wali, Sanjar, Khanqah Sahrif, Noor Aaraian, Kotla Mosa Khan, Wahi Qadir Dina151NP, 156NP, 155NP, 47 DNB, 91 DB, 103 DB, 106 DB, 71 F 68 F, Shah pur | 19                     | 336           |
|            |              |              |                      |                      | Midges               |   |                                    |               | Tibbi Izat Mehrab wala Makhdoompur, Manjhi wala  | 6                      | 308           |
|            |              |              |                      |                      | Fruitfly             |   |                                    |               | Manjhi wala, 156 NP, Mehrab wala   | 3                      | 115           |
|            |              |              |                      |                      | Anthracnose          | Rama, 11/BC, 13/BC, 8/BC, 26/BC, Fattu Wali, Sanjar, Khanqah Sahrif, Noor Aaraian, Jamrani Kohna,Mosa Khokhar, Mehrab Wala and chak 156NP, 47 DNB, 91 DB, 103 DB, 106 DB, 71 F 68 F, Shah pur | 31                                 | 702           |  |                        |               |
|            |              |              |                      |                      | Malformation         | Rama, 11/BC, 13/BC, 8/BC, 26/BC, Fattu Wali, Sanjar, Khanqah Sahrif, Noor Aaraian, Jamrani Mosa Khokhar and wahi qadir dina, Shah pur, 71 F, 68 F   | 18                                 | 326           |  |                        |               |

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|--------------|---------------|--------------|----------------------|----------------------|----------------------|---|------------------------------------|---------------|---|------------------------|---------------|
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|              |               |              |                      |                      | Gummosis             | Rama, 8/BC, Fattu Wali, Khanqah Sahrif, Noor Aaraien, Kohna, Wahi Qadir deena, Makhdoom pur, Jhok Naich Mehrab wal  | 11                                 | 445           |   |                        |               |
|              |               |              |                      |                      | Decline              | Khanqah Sharif, 155 NP, 156 NP, Mosa Khokhar and wahi qadir dina  | 6                                  | 313           |   |                        |               |
|              | Citrus        | 35           | 338                  | 338                  | Citrus Cylla         |   |                                    |               | Fattu Wali, Khanu Wali, Chachran, Mehrab wala, Chachran, 40 DB, 42 DB, 88 DB, 93 DB, 98 DNB   | 12                     | 67            |
|              |               |              |                      |                      | Leaf Minor           |   |                                    |               | Rama, Hout Wala, 13/BC, 26/BC, 18/BC, Mari Sheikh Shajra, Khanu Wali, Fattu Wali, Sanjar, Rangpur, Noor Aaraien, 2/BC, 3/BC, 35/BC, Sanjar, Sanjar Mehrab wala, Sokhail, Hafiz Hatt40 DB, 42 DB, 88 DB, 93 DB, 98 DNB, 83 F, 59 F, 89 F | 35                     | 338           |
|              |               |              |                      |                      | Caterpillar          |   |                                    |               |   |                        |               |
|              |               |              |                      |                      | Wither tip           | Rama, Hout Wala, 13/BC, 26/BC, 18/BC, Mari Sheikh Shajra, Khanu Wali, Fattu Wali, Sanjar, Rangpur, Noor Aaraien, 2/BC, 3/BC, 35/BC, Sanjar, Rangpur, Noor Aaraien, 2/BC, 3/BC, 35/BC, Sanjar40 DB, 42 DB, 88 DB, 93 DB, 98 DNB, 68 F, 58 F, 89 F, | 35                                 | 338           |   |                        |               |
|              |               |              |                      |                      | Canker               | 13/BC, Sanjar, Noor Aaraien, 2/BC, , , ,Mehrab wala, Chachran   | 8                                  | 48            |   |                        |               |
|              |               |              |                      |                      | Slow Decline         | 143 M, 83 F   | 2                                  | 6             |   |                        |               |
|              |               |              |                      |                      | Fruitfly             |   |                                    |               | 161 M, 143 M, Israni, 58nF  | 4                      | 25            |
|              | Guava         | 7            | 44                   |                      | Fruitfly             |   |                                    |               | Mari Shaikh,  | 1                      | 2             |
|              |               | 3            | 19                   | 19                   | Anthracoese          | 2/BC, 3/BC, Mari Sheikh Shajra  | 3                                  | ,19           |   |                        |               |
|              | Bitter Gouerd | 1            | 1                    |                      | Fruitfly             |   |                                    |               |   |                        |               |
|              | Brinjal       | 3            | 3                    | 3                    | Fruit Borer          |   |                                    |               | Darvaish Muhammad, 5 DNB, Darvaish Muhammad   | 3                      | 3             |
|              |               |              |                      |                      | Whitefly             |   |                                    |               | Darvaish Muhammad, 5 DNB, Darvaish Muhammad   | 3                      | 3             |
|              |               |              |                      |                      | Jassid               |   |                                    |               | Darvaish Muhammad, 5 DNB, Darvaish Muhammad   | 3                      | 3             |
|              | Cauli flower  | 5            | 15                   | 15                   | Whitefly             |   |                                    |               | Bindra, vislan, Dakhali, Shah pur   | 5                      | 15            |
|              |               |              |                      |                      | Army worm            | Bindra, vislan, Dakhali   | 3                                  | 9             |   |                        |               |
|              | Chillies      | 5            | 6                    | 6                    | Whitefly             |   |                                    |               | Garwan, Sahlan, Qaim pur  | 3                      | 4             |
|              |               |              |                      |                      | CICV                 | Sahlan, Qaim pur, Tibi Miayani  | 3                                  | 4             |   |                        |               |
|              | Cucumber      | 1            | 2                    |                      | Whitefly             |   |                                    |               | 6 DNB, Wahi Qadir Deena   | 2                      | 2             |
|              | Okra          | 4            | 4                    | 2                    | Jassid               |   |                                    |               | 6 DNB,  | 1                      | 1             |
|              |               |              |                      |                      | Whitefly             |   |                                    |               | Bhindra   | 1                      | 1             |
|              | Spinch        | 1            | 1                    | 1                    | Whitefly             |   |                                    |               | Muhammad Bakhsh Mahar, Wahi Qadie deena   | 2                      | 2             |
|              | Onion         | 3            | 3                    | 2                    | Fruitfly             |   |                                    |               |   |                        |               |
|              | Tomato        | 1            | 1                    |                      | Jassid               |   |                                    |               |   |                        |               |
|              | Tinda Guard   | 1            | 1                    | 1                    | Fruitfly             |   |                                    |               | Mehrab wala   | 1                      | 1             |
|              | Tori          | 2            | 5                    | 5                    | Whitefly             |   |                                    |               | 5 DNB, 107 DB,  | 2                      | 5             |
|              | Maize         | 1            | 1                    |                      | Army worm            | 63 F  | 1                                  | 1             |   |                        |               |
|              | Lucerene      | 3            | 3                    |                      | Army worm            | 13 BC, 24 BC  | 2                                  | 2             |   |                        |               |
|              | Millet        | 1            | 2                    |                      | Borer                |   |                                    |               |   |                        |               |
|              | Sorghum       | 15           | 14                   | 2                    | Borer                |   |                                    |               | 109 DB, 57 DB   | 2                      | 2             |
|              | Mong          | 1            | 1                    | 1                    | Whitefly             |   |                                    |               | Wahi Hussain  | 1                      | 1             |
| Bahawalnagar | Sersoon       | 27           | 51                   | 9                    | White fly            |   |                                    |               | T. Q Shah, Ramzan lungha, 96/Fat, 7/fw 168/M, 16/G  | 6                      | 9             |
|              | Lucern        | 29           | 30                   | 3                    | armyworm             | 298Hr, Bedana sharqi, 187/7R  | 3                                  | 4             |   |                        |               |
|              | Brinjal       | 6            | 8                    | 8                    | Fruit Borer          |   |                                    |               | 90/5R, 37/3R, 35/3r, 270hr  | 6                      | 8             |
|              |               |              |                      |                      | Whitefly             | 270HR   | 1                                  | 1             | 90/5R, 37/3R, 35/3r   | 5                      | 7             |
|              |               |              |                      |                      | Jassid               | 270HR   | 1                                  | 1             | 90/5R, 37/3R, 35/3r   | 5                      | 7             |
|              | Cauliflower   | 8            | 10                   | 6                    | Whitefly             |   |                                    |               | 270hr, 35/3r, 31/1r, 46f  | 5                      | 6             |
|              |               |              |                      |                      | armyworm             | 270hr, 35/3r, 3/1r, 14/1r, 46f  | 5                                  | 6             |   |                        |               |
|              | Cucmber       | 2            | 3                    |                      | Whitefly             |   |                                    |               | Kat ganga singh, Shera chitra, 80/1L  | 3                      | 3             |
|              | Raddish       | 10           | 10                   | 3                    | Whitefly             |   |                                    |               |   |                        |               |
|              | Spinach       | 8            | 8                    | 8                    | armyworm             | rohana, qunqa singh, 12q ,Kora khoo   | 5                                  | 5             |   |                        |               |
|              |               |              |                      |                      | Whitefly             |   |                                    |               | rohana, gunga singh, 12q ,Kora khoo   | 5                      | 5             |
|              | Pumpkin       | 1            | 1                    | 1                    | Whitefly             |   |                                    |               | 270HR   | 1                      | 1             |
|              | Guava         | 24           | 93                   | 54                   | Antracoese           | 47f, 199/8r, 311hr, jhedua, 281hr, hafizwala, mehmoood naqar, 51/4r, said ali, bootya wali,   | 11                                 | 54            |   |                        |               |
|              | Citrus        | 31           | 122                  | 78                   | Citrus psylla        |   |                                    |               | Basti noshai,, 270hr, 3fw,46f, 47, 210f, 199/8r   | 8                      | 32            |

| 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 |
|                |                  |              |                      |                      | Leaf minor           | Basti noshai, 3fw bootya wali, 207, 140m, 270hr, 211f, 228/9r, 74/4r, 210/9r  | 11                                 | 43            |  |                        |               |
|                |                  |              |                      |                      | Withertip            | Basti noshai, hussainabad, 74, 75/4r, 150/2l, 1/1r, bootya wali 201/8r, 270hr, 269hr, 3fw, 134m, 44,46f, 47, 210f, 199/8r, 210/9r | 15                                 | 48            |  |                        |               |
|                |                  |              |                      |                      | Decline              | 201/8r, 228/9r  | 2                                  | 4             |  |                        |               |
|                |                  |              |                      |                      | Canker               | 134m, 199/8r, 270hr, 3fw  | 4                                  | 13            |  |                        |               |
|                | Mango            | 20           | 58                   | 39                   | Gall midges          |   |                                    |               | Basti Khichia, 211f, 270hr, 10/1r, 209/9R  | 5                      | 15            |
|                |                  |              |                      |                      | Antracnose           | bastikichia, 0/1r, bootya wali, 54f, 211f, 270hrmohar sharif, 54f, 209/9R   | 9                                  | 22            |  |                        |               |
|                |                  |              |                      |                      | Decline              | 211f, 270hr, 209/9R   | 3                                  | 4             |  |                        |               |
| Rahim Yar Khan | Brinjal          | 5            | 5                    | 5                    | Fruit borer          |   |                                    |               | 18A,Hakra ,Ghotia Ghemi,MUHAMMAD Pur lamah   | 5                      | 5             |
|                |                  |              |                      |                      | Jassid               |   |                                    |               | 18A,Hakra ,Ghotia Ghemi,MUHAMMAD Pur lamah   | 5                      | 5             |
|                |                  |              |                      |                      | White Fly            |   |                                    |               | 18A,Hakra ,Ghotia Ghemi,MUHAMMAD Pur lamah   | 5                      | 5             |
|                | Cauliflower      | 5            | 5                    | 5                    | BORRER               |   |                                    |               | RAJRI 195P,98NP,kandy wali   | 5                      | 5             |
|                |                  |              |                      |                      | White Fly            |   |                                    |               | RAJRI 195P,98NP  | 3                      | 3             |
|                |                  |              |                      |                      | ARMY WORM            | kandy walii   | 2                                  | 2             |  |                        |               |
|                |                  |              |                      |                      | DOWNY MILDEW         | KANDY WALI  | 1                                  | 1             |  |                        |               |
|                | CARROT           | 1            | 1                    |                      |                      |   |                                    |               |  |                        |               |
|                | OKRA             | 1            | 1                    |                      |                      |   |                                    |               |  |                        |               |
|                | pumpkin          | 2            | 6                    | 6                    | jassid               |   |                                    |               | kotla mahi,195p  | 2                      | 2             |
|                | Pumpkin          | 3            | 5                    | 5                    | whitefly             |   |                                    |               | kotla mahi,195p  | 2                      | 2             |
|                |                  |              |                      |                      | Downy mildwe         | kotla mahi,195p   | 1                                  | 1             |  |                        |               |
|                | reddish          | 4            | 4                    |                      |                      |   |                                    |               |  |                        |               |
|                | Spinach          | 6            | 6                    | 1                    | Army worm            | 18A   | 1                                  | 1             |  |                        |               |
|                |                  |              |                      |                      | White Fly            |   |                                    |               | kachi Jamal,195p   | 2                      |               |
|                | Vegetable Marrow | 2            | 3                    | 3                    | White Fly            |   |                                    |               | Azeem Shah ,Ghotia   | 2                      | 3             |
|                |                  |              |                      |                      | Downy mildew         | Azeem Shah ,Ghotia  | 2                                  | 3             |  |                        |               |
|                | GRAPES           | 4            | 4                    |                      |                      |   |                                    |               |  |                        |               |
|                | RHOAD GRASS      | 1            | 1                    |                      |                      |   |                                    |               |  |                        |               |
|                | MATT GRASS       | 1            | 1                    |                      |                      |   |                                    |               |  |                        |               |
|                | NEPRA            | 6            | 6                    |                      |                      |   |                                    |               |  |                        |               |
|                | GUARA            | 1            | 1                    |                      |                      |   |                                    |               |  |                        |               |
|                | TILL             | 1            | 1                    |                      |                      |   |                                    |               |  |                        |               |
| D.G KHAN       | Mango            | 12           | 42                   | 42                   | Anthracnose          | Nooria Koria Sharqi, Laddan, Paki, Zor Ma hazara, Notak, Ghousabad,   | 12                                 | 42            |  |                        |               |
|                | Cauliflower      | 2            | 2                    |                      |                      |   |                                    |               |  |                        |               |
|                | Brinjal          | 2            | 2                    |                      |                      |   |                                    |               |  |                        |               |
|                | Bottle gourd     | 5            | 5                    |                      |                      |   |                                    |               |  |                        |               |
|                | Pumpkin          | 2            | 3                    |                      |                      |   |                                    |               |  |                        |               |
|                | Chillies         | 7            | 10                   |                      |                      |   |                                    |               |  |                        |               |
| M. GARH        | Mango            | 30           | 180                  | 123                  | MANGO TIP BORER      |   |                                    |               | KHAN GARH,WARIAN WALA,JARH,MEELA CHACHU,JHALRIAN,QADIR PUR   | 6                      | 31            |
|                |                  |              |                      |                      | Hopper               |   |                                    |               | JARH   | 1                      | 5             |
|                |                  |              |                      |                      | Scales               |   |                                    |               | KHAN GARH,BHUTTA PUR,DRUMRI,WARIAN WALA,MEELA CHACHU,JHALRIAN,QADIR PUR,EISUN WALA,GHALWAN,MUTFRQA,ALI WALA  | 12                     | 60            |
|                |                  |              |                      |                      | Galls                |   |                                    |               | KHAN GARH,BHUTTA PUR,,WARIAN WALA,MEELA CHACHU,SHIEKH ALI,SHIEKH UMAR,BHAKR NOON,GHALWAN,ALI WALA,KOTLA AGAR | 13                     | 44            |
|                |                  |              |                      |                      | Anthracnose          | KHAN GARH,JARH,DRUMRI,WARIAN WALA,MEELA CHACHU,SHIEKH ALI,SHIEKH UMAR,EISUN WALA,BHAKR NOON,GHALWAN,MUTFRQA,ALI WALA,KOTLA AGAR   | 15                                 | 81            |  |                        |               |
|                |                  |              |                      |                      | GUMOSIS              | GHALWAN   | 2                                  | 2             |  |                        |               |
|                |                  |              |                      |                      | DECLINE              | GHALWAN   | 1                                  | 1             |  |                        |               |
|                | BRINJAL          | 3            | 4                    | 4                    | Jassid               |   |                                    |               | SONAKI,BAIT LUDA,GHALWAN   | 3                      | 4             |
|                |                  |              |                      |                      | Whitefly             |   |                                    |               | SONAKI,BAIT LUDA,GHALWAN   | 3                      | 4             |

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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 |
|          | CHILLIES     | 9            | 10                   | 9                    | Whitefly             |  |                                    |               | GHALWAN,SONAKI  | 3                      | 3             |
|          |              |              |                      |                      | THRIPS               |  |                                    |               | GHALWAN   | 2                      | 2             |
|          |              |              |                      |                      | MOSAIC               | JHALRIAN,SHIEKH ALI  | 2                                  | 2             |   |                        |               |
|          | OKRA         | 2            | 2                    | 2                    | Whitefly             |  |                                    |               | GHALWAN   | 1                      | 1             |
|          |              |              |                      |                      | Jassid               |  |                                    |               | HAMZE WALI  | 1                      | 1             |
|          | ONION        | 2            | 2                    |                      |                      |  |                                    |               |   |                        |               |
|          | PUMPKIN      | 7            | 7                    | 4                    | Jassid               |  |                                    |               | GHALWAN,MAKHAN BEELA  | 2                      | 2             |
|          |              |              |                      |                      | Whitefly             |  |                                    |               | GHALWAN,MAKHAN BEELA  | 2                      | 2             |
|          |              |              |                      |                      | RED PUMPKIN BEETLE   |  |                                    |               | GHALWAN   | 2                      | 2             |
| RAJANPUR | Sponge Gourd | 4            | 5                    |                      |                      |  |                                    |               |   |                        |               |
|          | Chillies     | 4            | 11                   |                      |                      |  |                                    |               |   |                        |               |
|          | Pumpkin      | 6            | 6                    |                      |                      |  |                                    |               |   |                        |               |
|          | Jantar       | 40           | 42                   |                      |                      |  |                                    |               |   |                        |               |
|          | Mango        | 9            | 38                   | 27                   | Anthraconose         | Basti Meran, Allahabad, Fazilpur, Wang, Umar Kot, Bhagsar  | 7                                  | 20            |   |                        |               |
|          |              |              |                      |                      | Gummosis             | Allahabad, Fazilpur, Umar kot  | 3                                  | 10            |   |                        |               |
|          |              |              |                      |                      | Malformation         | Allahabad, Bhagsar, Umarmkot   | 4                                  | 11            |   |                        |               |
| LAYYAH   | Lucern       | 14           | 18                   |                      |                      |  |                                    |               |   |                        |               |
|          |              | 73           | 252                  | 96                   |                      | 278TDA243, 98 TDA  | 4                                  | 7             | 167TDA, 146TDA,142TDA,279TDA95 ML, 90A TDA, 226, 229, 222, 228, 223 TDA and 95 ML | 21                     | 58            |
|          | Citrus       |              |                      |                      | LeafMiner            |  |                                    |               | 366TDA,365TDA,480TDA,314TDA,313TDA,320TDA,319TDA                                  |                        |               |
|          |              |              |                      |                      | Citrus Psylla        |  |                                    |               | 133TDA226, 229, 243, 98 TDA, 95 ML  | 9                      | 19            |
|          |              |              |                      |                      |                      | 341TDA,142TDA,278TDA95 ML, 90A TDA, 226, 243, 229, 222, 228, 116, 98 TDA, 88 ML365TDA,480TDA,314TDA,313TDA,320TDA    | 30                                 | 58            |   |                        |               |
|          |              |              |                      |                      | Citrus Canker        |  |                                    |               |   |                        |               |
|          |              |              |                      |                      |                      | 167TDA,278TDA,146TDA,142TDA,341TDA95 ML, 90A TDA, 229, 228, 243 TDA, 98 TDA, 88 ML365TDA,480TDA,314TDA,320TDA,319TDA | 18                                 | 46            |   |                        |               |
|          |              |              |                      |                      | Withertip            |  |                                    |               |   |                        |               |
|          |              |              |                      |                      | Slow Decline         | 365TDA,480TDA,314TDA   | 3                                  | 7             |   |                        |               |
|          |              |              |                      |                      | Thrips               |  |                                    |               | 116, 96, 226 TDA, 95 ML   | 4                      | 9             |
|          |              |              |                      |                      | Melanose             |  |                                    |               |   |                        |               |
|          |              |              |                      |                      | FruitFly             |  |                                    |               | 142TDA,278TDA480TDA,314TDA,319TDA   | 5                      | 13            |
|          |              |              |                      |                      | Gummosis             | 167TDA,146TDA229, 228, 243 TDA314TDA   | 6                                  | 13            |   |                        |               |
| Lahore   | Barseem      | 1            | 2                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Brinjal      | 4            | 9.72                 | 3                    | Whitefly             |  |                                    |               | Chappa, Mojoki, Babliana  | 3                      | 3             |
|          | Brinjal      |              |                      | 0.72                 | Fruit borer          | Babliana   | 1                                  | 0.72          |   |                        |               |
|          | Capsicum     | 2            | 4                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Carrot       | 2            | 25                   | 0                    |                      |  |                                    |               |   |                        |               |
|          | Cauliflower  | 1            | 0.48                 | 0                    |                      |  |                                    |               |   |                        |               |
|          | Corriander   | 4            | 6                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Fenugreek    | 4            | 5.24                 | 0                    |                      |  |                                    |               |   |                        |               |
|          | Mustard      | 1            | 10                   | 0                    |                      |  |                                    |               |   |                        |               |
|          | Peas         | 1            | 2                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Turnip       | 4            | 13                   | 0                    |                      |  |                                    |               |   |                        |               |
|          | Pumpkin      | 2            | 2                    | 1                    | Whitefly             |  |                                    |               | Dhup Sari   | 1                      | 1             |
|          | Spinach      | 3            | 9                    | 1                    | Armyworm             | Kot Asad Ullah   | 1                                  | 1             |   |                        |               |
|          | Sponge gourd | 2            | 3                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Sudarcane    | 4            | 17                   | 5                    | Whitefly             |  |                                    |               | Jia Ka Tiba, Babliana   | 2                      | 5             |
|          | Napier Grass | 1            | 3                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Squash       | 9            | 11.48                | 6                    | Whitefly             |  |                                    |               | Khudpur   | 6                      | 6             |
| Kasur    | Amla         | 1            | 1                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Barseem      | 1            | 1                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Bitter gourd | 2            | 3                    | 1                    | Fruit fly            |  |                                    |               | Rohi wal  | 1                      | 1             |
|          | Brinjal      | 3            | 3                    | 3                    | Fruit borer          |  |                                    |               | Rohi wala, Hajian wala kot, Chako ki  | 3                      | 3             |
|          | Cabbage      | 2            | 2                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Carrot       | 2            | 27                   | 0                    |                      |  |                                    |               |   |                        |               |
|          | Cauliflower  | 3            | 12                   | 10                   | Cabbage butterfly    |  |                                    |               | Deera Noor Muhammad   | 1                      | 10            |
|          | Chillies     | 4            | 5                    | 3                    | Whitefly             |  |                                    |               | Shamas Pura, Arzani pur, Kot Hajian wala  | 3                      | 3             |
|          | Falsa        | 1            | 1                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Fenugreek    | 1            | 4                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Raddish pods | 1            | 1                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Okra         | 1            | 1                    | 0                    |                      |  |                                    |               |   |                        |               |
|          | Papaya       | 2            | 2                    | 1                    | Whitefly             |  |                                    |               | Chako ki  | 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 |
|               | Pumpkin      | 3            | 10                   | 1                    | Red Pumpkin Beetle     |                                    |                                    |               | Rohi wal                          | 1                      | 1             |
|               | Raddish      | 2            | 3                    | 1                    | Armyworm               | Phool Naqar                        | 1                                  | 1             |                                   |                        |               |
|               | Spinach      | 2            | 2                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Turmeric     | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
| Sheikhupura   | Fresh Bean   | 2            | 5                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Sugarbeet    | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Brinjal      | 2            | 3                    | 3                    | Fruit borer            | Kalal wala                         | 1                                  | 1             | Tani Chak                         | 1                      | 2             |
|               | Carrot       | 6            | 22                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Cabbage      | 2            | 15                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Turnip       | 2            | 7                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Pumpkin      | 1            | 2                    | 2                    | Downy mildew           | Golian Wala                        | 1                                  | 2             |                                   |                        |               |
|               | Peas         | 5            | 15                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Sweet Potato | 4            | 21                   | 5                    | Armyworm               | Germula, Jandiawala                | 2                                  | 5             |                                   |                        |               |
|               | Barseem      | 6            | 19                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Pumpkin      | 1            | 1                    | 1                    | Downy mildew           | Kalal wala                         | 1                                  | 1             |                                   |                        |               |
| Nankana Sahib | Turnip       | 1            | 1.5                  | 1.5                  | Whitefly               |                                    |                                    |               | 44RB                              | 1                      | 1.5           |
|               | Carrot       | 1            | 1.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Raddish      | 1            | 0.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Cauliflower  | 1            | 2                    | 2                    | Armyworm               | Ghandran                           | 1                                  | 2             |                                   |                        |               |
| T.T.Singh     | Okra         | 2            | 3.5                  | 3                    | Whitefly               |                                    |                                    |               | M.Shah                            | 1                      | 3             |
|               | Onion        | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
| Jhang         | Okra         | 1            | 6                    | 0.6                  | jassid                 |                                    |                                    |               | Malho more                        | 1                      | 0.6           |
|               | Spinach      | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Raddish      | 1            | 2                    | 0.2                  | Wilt                   | Malhomore                          | 1                                  | 0.2           |                                   |                        |               |
|               | Brinjal      | 1            | 2                    | 1                    | Fruit borer            |                                    |                                    |               | Kot Si Sing                       | 1                      | 1             |
| Faisalabad    | Beans        | 1            | 0.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Brinjal      | 16           | 14.8                 | 7                    | Whitefly               | 274RB, Ganesh pura                 | 2                                  | 2             | 245RB, 257RB,49JB, 185RB          | 4                      | 5             |
|               | Brinjal      |              |                      | 1                    | Jassid                 |                                    |                                    |               | 49GB                              | 1                      | 1             |
|               | Brinjal      |              |                      | 2.3                  | Fruit borer            | 162 RB                             | 1                                  | 1             | 189 RB, 467 GBB                   | 2                      | 1.3           |
|               | Brinjal      |              |                      | 1                    | Whitefly               | 52JB                               | 1                                  | 1             |                                   |                        |               |
|               | Cabbage      | 4            | 5.8                  | 0.2                  | Armyworm               | 540GB                              | 1                                  | 0.2           |                                   |                        |               |
|               | Cabbage      |              |                      | 3                    | Whitefly               |                                    |                                    |               | 467GB                             | 1                      | 3             |
|               | Cabbage      | 1            | 2                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Carrot       | 7            | 50                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Cauliflower  | 9            | 30.9                 | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Chillies     | 2            | 3.6                  | 0.6                  | Whitefly               |                                    |                                    |               | 38JB                              | 1                      | 0.6           |
|               | Corriander   | 2            | 0.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Ridge gourd  | 1            | 0.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Lucern       | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Mango        | 1            | 3                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Mustard      | 9            | 29                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Okra         | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Papaya       | 2            | 3                    | 2                    | Whitefly               | 78JB                               | 1                                  | 2             |                                   |                        |               |
|               | Peas         | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Raddish      | 2            | 7                    | 2                    | Armyworm               | 540GB                              | 1                                  | 2             |                                   |                        |               |
|               | Raya         | 1            | 16                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Sponge gourd | 3            | 2.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Turnip       | 3            | 1.4                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
| Chiniot       | Carrot       | 1            | 10                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Couliflower  | 1            | 12                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Cotton       | 1            | 8                    | 8                    | Dusky cotton bug       |                                    |                                    |               | TM Shah                           | 1                      | 8             |
|               | Peas         | 1            | 4                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Raddish      | 2            | 5                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Spinach      | 2            | 2                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Mint         | 2            | 3                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Cucumber     | 1            | 1                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
| Gujrat        | Sugarcane    | 12           | 1925                 | 0                    | Whitefly               | -                                  | -                                  | -             | Mohla,Langrial,Sapra              | 4                      | 6.25          |
|               | Barseem      | 12           | 14.12                | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Oat          | 2            | 1.75                 | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Pea          | 1            | 4                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Potato       | 1            | 0.5                  | 0.5                  | Whitefly               |                                    |                                    |               | Tarikha                           | 1                      | 0.5           |
|               | Raddish      | 1            | 0.12                 | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Turnip       | 1            | 0.12                 | 0                    |                        |                                    |                                    |               |                                   |                        |               |
| Hafizabad     | Sugarcane    | 7            | 7.5                  | 4                    | Pvrilla, Toka, Red Rot | Thatha Raika                       | 1                                  | 1             | Thatha Raika, Duleki, Jhotianwala | 3                      | 3             |
|               | Raddish      | 2            | 0.5                  | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Peas         | 2            | 13                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
| M.B.Din       | Brinjal      | 1            | 3                    | 3                    | Whitefly               | Mangat                             | 1                                  | 3             |                                   | 0                      | 0             |
|               | Brinjal      |              |                      | 3                    | Fruit borer            | Mangat                             | 1                                  | 3             |                                   | 0                      | 0             |
|               | Papaya       | 1            | 1                    | 0                    | 0                      | 0                                  | 0                                  | 0             |                                   | 0                      | 0             |
|               | Seasame      | 1            | 1                    | 0                    | 0                      | 0                                  | 0                                  | 0             |                                   | 0                      | 0             |
| Narowal       | Peas         | 5            | 11                   | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Potato       | 2            | 6                    | 0                    |                        |                                    |                                    |               |                                   |                        |               |
|               | Raddish      | 1            | 1                    | 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 |
|             | Turnip       | 2            | 1                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Barseem      | 31           | 18                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Guava        | 1            | 8                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Sugarcane    | 12           | 15                   | 0.5                  | Whitefly                  |                                    |                                    | Ali Akbar Bagh, Ratta.  | 2                    | 0.5                    |
| Sialkot     | Sugarcane    | 37           | 59.5                 | 1.4                  | White Fly, Borer, Red Rot |                                    |                                    | (Dadowali) (Iopowali)Noor Pur, Musa Pur, Dulam Wala, Alhar, Chawinda, Kalowali, Lawairay,Badiana, Jhans Alkaray | 14                   | 1.4                    |
|             | Fenugreek    | 1            | 2.5                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Corriander   | 1            | 0.2                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Spinach      | 3            | 1.4                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Sugarbeet    | 1            | 0.1                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Raddish      | 3            | 1.4                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Garlic       | 1            | 0.3                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cauliflower  | 1            | 0.4                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cucumber     | 1            | 5                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Sponge gourd | 1            | 0.6                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Peas         | 4            | 20.4                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Pumpkin      | 3            | 5                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Bitter gourd | 3            | 8                    | 0                    |                           |                                    |                                    |   |                      |                        |
| Guiranjwala | Barseem      | 34           | 51.75                | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cabbage      | 2            | 3.5                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Fresh Bean   | 1            | 0.5                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Garlic       | 1            | 1.25                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cucumber     | 1            | 4                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Lemon        | 1            | 3                    | 3                    | Fruit fly                 |                                    |                                    | Joura Shelar  | 1                    | 3                      |
|             | Ridge gourd  | 1            | 2                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Peas         | 1            | 5                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Sugarcane    | 4            | 4.5                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Ridge gourd  | 2            | 14.5                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Turnip       | 1            | 1.75                 | 0                    |                           |                                    |                                    |   |                      |                        |
| Khushab     | Chillies     | 13           | 20                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Brinjal      | 1            | 0.5                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cauliflower  | 9            | 16.5                 | 5                    | Armyworm                  |                                    |                                    | Koradhi, Sabral   | 2                    | 5                      |
|             | Fenugreek    | 2            | 0.25                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Jantar       | 14           | 18                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Okra         | 1            | 0.125                | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Peas         | 2            | 0.75                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Spinach      | 2            | 1.125                | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Tomato       | 28           | 121                  | 3                    | Blight                    | Jabba                              | 2                                  | 3   |                      |                        |
|             | Turnip       | 1            | 1                    | 0                    |                           |                                    |                                    |   |                      |                        |
| Bhakkar     | Bitter gourd | 2            | 5                    | 4                    | Thrips                    |                                    |                                    | Zamay wala  | 1                    | 4                      |
|             | Brinjal      | 2            | 6                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cauliflower  | 2            | 3                    | 2                    | Toka                      |                                    |                                    | 38TDA   | 2                    | 2                      |
|             | Guara        | 37           | 67                   | 1                    | Toka                      |                                    |                                    | 41TDA   | 1                    | 1                      |
|             | Guara        |              |                      | 9                    | Whitefly                  |                                    |                                    | 68ml, Abbasian wala, Bhullay wala   | 3                    | 9                      |
|             | Guara        |              |                      | 9                    | Aphid                     |                                    |                                    | 66ml, 210TDA, Lal Bhatti wala   | 3                    | 9                      |
|             | Jantar       | 19           | 24                   | 2                    | Toka                      |                                    |                                    | 38TDA   | 1                    | 2                      |
|             | Korean grass | 30           | 38                   | 4                    | Toka                      |                                    |                                    | Peer Ashab, muslim kot, 183-84 TDA  | 3                    | 4                      |
|             | Pumpkin      | 13           | 28                   | 2                    | Red Pumpkin Beetle        |                                    |                                    |   | 2                    | 2                      |
|             | Pumpkin      |              |                      | 9                    | Whitefly                  |                                    |                                    | lachman wala, ashraf wala   | 3                    | 9                      |
| Mianwali    | Barseem      | 12           | 13                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Canola       | 13           | 31                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Lucern       | 1            | 1                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Oat          | 9            | 9                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Barseem      | 2            | 2                    | 0                    |                           |                                    |                                    |   |                      |                        |
| Sargodha    | Lucern       | 1            | 1                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Barseem      | 27           | 47                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Okra         | 3            | 1.25                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Raddish      | 4            | 1.25                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Pumpkin      | 2            | 1                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Canola       | 4            | 14                   | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cotton       | 4            | 4                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Turnip       | 1            | 0.25                 | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Grapes       | 1            | 2                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Jantar       | 2            | 1.5                  | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Hybrid Grass | 2            | 6                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Cowpea       |              |                      | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Beans        |              |                      | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Bitter gourd |              |                      | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Bamboo       |              |                      | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Oat          | 2            | 2                    | 0                    |                           |                                    |                                    |   |                      |                        |
|             | Ridge 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 |
|            | Lemon          | 1            | 1                    | 0                    |                       |  |                                    |               |  |                        |               |
|            | Linseed        |              |                      | 0                    |                       |  |                                    |               |  |                        |               |
|            | Beans          | 2            | 2                    | 0                    |                       |  |                                    |               |  |                        |               |
|            | Korean grass   |              |                      | 0                    |                       |  |                                    |               |  |                        |               |
|            | Hybrid Millet  |              |                      | 0                    |                       |  |                                    |               |  |                        |               |
|            | Hybrid Sorgham |              |                      | 0                    |                       |  |                                    |               |  |                        |               |
|            | Brinjal        | 3            | 4                    | 0                    |                       |  |                                    |               |  |                        |               |
| Rawalpindi | Almond         | 7            | 0.7                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Apricot        | 4            | 1                    | 0                    |                       |  |                                    |               |  |                        |               |
|            | Arhar          | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Banana         | 2            | 0.2                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Capsicum       | 7            | 3.2                  | 0.2                  | Stem End Rot          | Kent Ladho, Thatta Khalil                              | 2                                  | 0.2           |  |                        |               |
|            | Bitter gourd   | 17           | 8.6                  | 2                    | Fruit fly             | Thatta   | 2                                  | 0.6           | Tarahiya, Kontrilla, Bhattian, Galiana, Dhok Naseemia, Gangu Jumma, Khurram Paracha, Usman Khattar | 10                     | 1.4           |
|            | Bitter gourd   |              |                      | 0.2                  | Whitefly              |  |                                    |               | Gujjar Khan, Usman Khattar   | 2                      | 0.2           |
|            | Brinjal        | 10           | 2.5                  | 0.3                  | Fruit borer           |  |                                    |               | Kent Ladho, Galiana  | 2                      | 0.3           |
|            | Brinjal        |              |                      | 0.8                  | Jassid                | Gulshan Abu Talib                                      | 1                                  | 0.3           | Kent Ladho, Gujjar Khan, Khurram Paracha   | 3                      | 0.5           |
|            | Brinjal        |              |                      | 0.1                  | Whitefly              |  |                                    |               | Farooqe Azam   | 1                      | 0.1           |
|            | Broccoli       | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Carrot         | 15           | 3.3                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Cauliflower    | 21           | 12.8                 | 0.3                  | Aphid                 |  |                                    |               | Channi Awan, Kandhar   | 2                      | 0.3           |
|            | Cauliflower    |              |                      | 0.6                  | Armyworm              | Channi Awan, Galiana, Joad, Thatta Khalil, Hussainabad | 5                                  | 0.6           |  |                        |               |
|            | Cauliflower    |              |                      | 0.1                  | Cabbage Butterfly     |  |                                    |               | Hassar   | 1                      | 0.1           |
|            | Cauliflower    |              |                      | 0.1                  | Whitefly              |  |                                    |               | Channi Awan  | 1                      | 0.1           |
|            | Chiko          | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Chillies       | 32           | 5.5                  | 0.3                  | Fruit borer           |  |                                    |               | Kent Ladho, Sanghori, Galiana  | 3                      | 0.3           |
|            | Chillies       |              |                      | 0.8                  | Whitefly              |  |                                    |               | Doultala, Mohra Khatran, Thatta Khalil, Hassar, Khurram Paracha                                    | 7                      | 0.8           |
|            | Chillies       |              |                      | 0.4                  | Anthraxnose           | Doultala, Sanghori, Dhalla                             | 3                                  | 0.4           |  |                        |               |
|            | Chillies       |              |                      | 0.2                  | Chillies Mosaic Virus | Mohra Khatran, Thatta Khalil                           | 2                                  | 0.2           |  |                        |               |
|            | Chillies       |              |                      | 0.8                  | Chillies Mosaic Virus | Adivala, Thatta  | 4                                  | 0.8           |  |                        |               |
|            | Chillies       |              |                      | 0.1                  | Stem End Rot          | Tarahiya   | 1                                  | 0.1           |  |                        |               |
|            | Corriander     | 20           | 2.5                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Cucumber       | 8            | 1                    | 0.1                  | Fruit fly             |  |                                    |               | Kandhar  | 1                      | 0.1           |
|            | Cucumber       |              |                      | 0.1                  | Whitefly              |  |                                    |               | Kontrilla  | 1                      | 0.1           |
|            | Falsa          | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Fig            | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Garlic         | 20           | 4.4                  | 0.1                  | Thrips                |  |                                    |               | Channi Awan  | 1                      | 0.1           |
|            | Bitter gourd   | 7            | 2                    | 1                    | Whitefly              |  |                                    |               | Dhok Naseemia  | 1                      | 1             |
|            | Bitter gourd   |              |                      | 0.1                  | Leaf miner            |  |                                    |               | Mohra Khatran  | 1                      | 0.1           |
|            | Grapes         | 6            | 1.1                  | 0.1                  | Anthraxnose           | Dhok Badhal  | 1                                  | 0.1           |  |                        |               |
|            | Jaman          | 2            | 0.2                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Leek           | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Lemon          | 2            | 0.2                  | 0.1                  | Leaf miner            |  |                                    |               | Kahoti   | 1                      | 0.1           |
|            | Lettuce        | 2            | 0.2                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Ridge gourd    | 11           | 1.1                  | 0.6                  | Red Pumpkin Beetle    |  |                                    |               | Kahoti, Blawara, Cheevra, Khad   | 6                      | 0.6           |
|            | Ridge gourd    |              |                      | 0.1                  | Leaf miner            |  |                                    |               | Mohra Muradu   | 1                      | 0.1           |
|            | Louqat         | 11           | 2.4                  | 0.1                  | Anthraxnose           | Kahoti   | 1                                  | 0.1           |  |                        |               |
|            | Lucern         | 1            | 0.4                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Litchi         | 1            | 0.2                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Mint           | 14           | 1.7                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Mud grass      | 1            | 0.4                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Mung           | 1            | 0.4                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Okra           | 25           | 4.3                  | 0.3                  | American Bollworm     |  |                                    |               | Kotla, Bagrol  | 3                      | 0.3           |
|            | Okra           |              |                      | 0.2                  | Spotted Bollowrm      |  |                                    |               | Gujjar Khan, Bagrol  | 2                      | 0.2           |
|            | Okra           |              |                      | 1.9                  | Jassid                | Matto, Khurram Paracha, Rakh More                      | 3                                  | 1.2           | Gujjar Khan, Dulmi, Galiana, Thatta Khalil, Khurram Paracha  | 7                      | 0.7           |
|            | Okra           |              |                      | 0.3                  | Whitefly              |  |                                    |               | Sapiali, Dhok Chaudrian, Galiana   | 3                      | 0.3           |
|            | Olive          | 1            | 0.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Onion          | 9            | 1.7                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Peach          | 23           | 9.7                  | 0.1                  | Termite               |  |                                    |               | Mohra Muradu   | 1                      | 0.1           |
|            | Peach          |              |                      | 0.1                  | Chillies Mosaic Virus | Mohra Khatran  | 1                                  | 0.1           |  |                        |               |
|            | Peach          |              |                      | 0.1                  | Gummosis              | Bhattian   | 1                                  | 0.1           |  |                        |               |
|            | Pear           | 3            | 0.3                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Plum           | 8            | 1                    | 0                    |                       |  |                                    |               |  |                        |               |
|            | Pomegranate    | 14           | 1.4                  | 0.3                  | Leaf Spots            | Kahoti, Bhattian                                       | 3                                  | 0.3           |  |                        |               |
|            | Pumpkin        | 13           | 1.7                  | 0.3                  | Red Pumpkin Beetle    |  |                                    |               | Dhok Chaudrian, Galiana, Kotli   | 3                      | 0.3           |
|            | Pumpkin        |              |                      | 0.2                  | Leaf miner            |  |                                    |               | Doultala   | 1                      | 0.2           |
|            | Raddish        | 31           | 5.1                  | 0                    |                       |  |                                    |               |  |                        |               |
|            | Rose           | 1            | 0.1                  | 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 |
|          | Ridge gourd  | 2            | 0.2                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Luttece      | 2            | 1                    | 0                    |                            |   |                                    |               |   |                        |               |
|          | Spinach      | 28           | 5.2                  | 0.4                  | Armyworm                   | Channi Awan, Galiana, Tarahiya                                  | 4                                  | 0.4           |   |                        |               |
|          | Spinach      |              |                      | 0.1                  | Whitefly                   |   |                                    |               | Galiana   | 1                      | 0.1           |
|          | Spinach      |              |                      | 0.1                  | Leaf Spots                 | Siali Feroz   | 1                                  | 0.1           |   |                        |               |
|          | Sponge gourd | 4            | 0.4                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Squashes     | 8            | 0.8                  | 0.2                  | Red Pumpkin Beetle         |   |                                    |               | Kahoti  | 2                      | 0.2           |
|          | Squashes     |              |                      | 0.1                  | Whitefly                   |   |                                    |               | Dhol Chaudrian  | 1                      | 0.1           |
|          | Squashes     |              |                      | 0.2                  | Leaf Miner                 |   |                                    |               | Matto, Habib Kanyal   | 2                      | 0.2           |
|          | Sugarcane    | 2            | 0.3                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Bitter gourd | 2            | 0.2                  | 0.1                  | Red Pumpkin Beetle         |   |                                    |               | Ziarate Moshedi   | 1                      | 0.1           |
|          | Tomato       | 23           | 4.1                  | 0.6                  | Fruit borer                |   |                                    |               | Channi Awan, Galiana, Dulmi, Thatta, Dhalla                           | 5                      | 0.6           |
|          | Tomato       |              |                      | 0.3                  | Whitefly                   |   |                                    |               |   |                        |               |
|          | Tomato       |              |                      | 0.4                  | Leaf Spots                 | Thatta  | 2                                  | 0.4           | Doolian, Adiyala, Dhalla  | 3                      | 0.3           |
|          | Sponge gourd | 7            | 0.8                  | 0.6                  | Fruit fly                  |   |                                    |               | Thatta  | 2                      | 0.6           |
|          | Sponge gourd |              |                      | 0.2                  | Red Pumpkin Beetle         |   |                                    |               | Doultala, Ferozi  | 2                      | 0.2           |
|          | Sponge gourd |              |                      | 0.1                  | Whitefly                   |   |                                    |               | Dulmi   | 1                      | 0.1           |
|          | Sponge gourd |              |                      | 0.6                  | Soft Rot                   | Thatta  | 2                                  | 0.6           |   |                        |               |
|          | Turmeric     | 1            | 0.2                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Turnip       | 21           | 3.9                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Walnut       | 10           | 1                    | 0                    |                            |   |                                    |               |   |                        |               |
| Chakwal  | Barseem      | 3            | 1.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Bitter gourd | 4            | 0.875                | 0.25                 | Fruit fly                  |   |                                    |               | Adlaka  | 2                      | 0.25          |
|          | Brinjal      | 10           | 1.625                | 0.5                  | Fruit borer                |   |                                    |               | Mouza pinwal, Mauza (Dhok Shani), Mauza (Basti Haq Char Yar), (Chaab) | 4                      | 0.5           |
|          | Capsicum     | 3            | 0.625                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Carrot       | 3            | 0.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Cauliflower  | 21           | 17.25                | 1                    | Armyworm                   | Mouza Pinwal, Mouza Noorwal, Chaab, Janqli, Adlaka, Dhok Kumari | 8                                  | 1             |   |                        |               |
|          | Chillies     | 7            | 2.125                | 0.625                | Aphid, Root rot, White fly | Talagang city, Adlaka   | 2                                  | 0.25          | Mauza (Dhok Jamal), Mouza Dab, (Dhok Munawar)                         | 3                      | 0.375         |
|          | Corriander   | 12           | 2                    | 0.125                | Wiltng                     | Noorwal   | 1                                  | 0.125         |   |                        |               |
|          | Cucumber     | 4            | 1.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Garlic       | 3            | 0.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Gram         | 5            | 1.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Grapes       | 1            | 1                    | 0.125                | Downy mildew               | Chaab   | 1                                  | 0.125         |   |                        |               |
|          | Ground nut   | 6            | 13                   | 0                    |                            |   |                                    |               |   |                        |               |
|          | Jaman        | 1            | 0.25                 | 0                    |                            |   |                                    |               |   |                        |               |
|          | Lemon        | 1            | 0.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Fenugreek    | 2            | 0.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Mint         | 1            | 0.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Raddish pods | 2            | 0.875                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Mustard      | 12           | 14.125               | 0                    |                            |   |                                    |               |   |                        |               |
|          | Oat          | 5            | 2.875                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Okra         | 8            | 3                    | 0.375                | Jassid                     | Mauza (Dhok Sadaat), Chaab, (Adlaka Road)                       | 3                                  | 0.375         |   |                        |               |
|          | Peas         | 1            | 0.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Pomegranate  | 1            | 0.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Pumpkin      | 7            | 2                    | 0.25                 | Red Pumpkin Beetle         |   |                                    |               | Mauza(Dhok Wadhan), Mauza(Tajaal)                                     | 2                      | 0.25          |
|          | Raddish      | 11           | 2.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Root beet    | 1            | 0.125                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Spinach      | 11           | 2                    | 0.25                 | Armyworm                   | Mouza Pinwal, Mouza Noorwal                                     | 2                                  | 0.25          |   |                        |               |
|          | Sugarcane    | 6            | 6.875                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Bitter gourd | 7            | 2.625                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Tomato       | 6            | 2.625                | 0.25                 | Fruit borer                | Dhok Gorla  | 1                                  | 0.125         | Janqli  | 1                      | 0.125         |
|          | Sponge gourd | 5            | 0.625                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Turnip       | 16           | 5.875                | 0                    |                            |   |                                    |               |   |                        |               |
| Jhelum   | Almond       | 1            | 0.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Beet Root    | 2            | 0.625                | 0                    |                            |   |                                    |               |   |                        |               |
|          | Capsicum     | 10           | 4.75                 | 0.125                | Powdery Mildew             | Nowalok   | 1                                  | 0.125         |   |                        |               |
|          | Bitter gourd | 10           | 5.05                 | 0.375                | Whitefly                   |   |                                    |               | Nowalok, Choutala, Nooran   | 3                      | 0.375         |
|          | Brinjal      | 11           | 4.8                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Carrot       | 7            | 1.75                 | 0                    |                            |   |                                    |               |   |                        |               |
|          | Cauliflower  | 6            | 8.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Chillies     | 17           | 4.5                  | 1.5                  | Thrips                     |   |                                    |               | Chak Jani   | 2                      | 1.5           |
|          | Corriander   | 14           | 2.75                 | 0                    |                            |   |                                    |               |   |                        |               |
|          | Cucumber     | 21           | 6.3                  | 0.25                 | Powdery Mildew             | Nooran  | 1                                  | 0.25          |   |                        |               |
|          |              |              |                      | 0.125                | Whitefly                   | Sanghoi   | 1                                  | 0.125         |   |                        |               |
|          | Fodder       | 9            | 8.5                  | 0                    |                            |   |                                    |               |   |                        |               |
|          | Ground Nut   | 12           | 40.75                | 18                   | Tikka                      | Potha, Thathi, Bantand, Ghumawali                               | 4                                  | 18            |   |                        |               |
|          | Ground Nut   |              |                      | 5                    | Termite                    |   |                                    |               | Potha, Ghumawali  | 2                      | 5             |
|          | Lady Finger  | 3            | 0.625                | 0.5                  | Jassid                     |   |                                    |               | Khana Boki  | 2                      | 0.5           |

| 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 |
|              | Lady Finger  |              |                      | 0.125                | Blister Beetle        |                                    |                                    |               | Dhook Amb              | 1                      | 0.125         |
|              | Ridge gourd  | 4            | 0.875                | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Mint         | 13           | 1.6                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Raddish pods | 12           | 15.75                | 7                    | Whitefly              |                                    |                                    |               | Potha, Bantand, Thathi | 3                      | 7             |
|              | Peach        | 2            | 20                   | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Pumpkin      | 10           | 3.5                  | 1.5                  | Red Pumpkin Beetle    |                                    |                                    |               | Khana Boki             | 2                      | 1.5           |
|              | Raddish      | 21           | 9.25                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Ridge gourd  | 3            | 0.75                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Ridge gourd  | 3            | 0.75                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Seasame      | 12           | 12                   | 1                    | Aphid                 |                                    |                                    |               | Potha                  | 1                      | 1             |
|              | Seasame      |              |                      | 1                    | Whitefly              |                                    |                                    |               | Thathi                 | 1                      | 1             |
|              | Seasame      |              |                      | 1                    | Jassid                |                                    |                                    |               | Bantand                | 1                      | 1             |
|              | Spinach      | 19           | 12.15                | 0.5                  | Armyworm              |                                    |                                    |               | Maliyar                | 1                      | 0.5           |
|              | Spinach      |              |                      | 0.5                  | Whitefly              |                                    |                                    |               | Chak Jani              | 1                      | 0.5           |
|              | Sponge gourd | 6            | 1.5                  | 0.25                 | Red Pumpkin Beetle    |                                    |                                    |               | Maliyar                | 1                      | 0.25          |
|              | Sugarcane    | 11           | 14                   | 1                    | Whitefly              |                                    |                                    |               | Mariana Lok            | 1                      | 1             |
|              | Tomato       | 1            | 0.75                 | 0.75                 | Fruit borer           |                                    |                                    |               | Chak Jani              | 1                      | 0.75          |
|              | Turnip       | 11           | 6.5                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
| Attock       | Arvi         | 1            | 0.01                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Barseem      | 1            | 0.1                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Brinjal      | 1            | 0.1                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Carrot       | 3            | 0.76                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Cauliflower  | 1            | 1                    | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Chillies     | 6            | 1.631                | 1.6                  | Chillies Mosaic Virus | Dhoke Saidan                       | 2                                  | 1.6           |                        |                        |               |
|              | Corriander   | 9            | 2.85                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Fodder       | 19           | 5.54                 | 0.2                  | Jassid                |                                    |                                    |               | Shah Pur dheri         | 1                      | 0.2           |
|              | Garlic       | 20           | 8.43                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Grapes       | 1            | 3.5                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Karam Saag   | 1            | 0.5                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Lemon        | 1            | 0.01                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Ridge gourd  | 1            | 0.4                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Fenuqreek    | 4            | 1.71                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Mint         | 3            | 0.09                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Mustard      | 8            | 28.12                | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Okra         | 2            | 0.4                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Onion        | 5            | 2.2                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Peas         | 2            | 2.2                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Raddish      | 12           | 7.91                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Rose         | 2            | 0.02                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Luttece      | 1            | 0.1                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Spinach      | 5            | 5.34                 | 0.01                 | Armyworm              | Shamsabad                          | 1                                  | 0.01          |                        |                        |               |
|              | Sugarcane    | 3            | 0.78                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Bitter gourd | 1            | 0.3                  | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Sponge gourd | 1            | 0.03                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
|              | Turnip       | 9            | 6.41                 | 0                    |                       |                                    |                                    |               |                        |                        |               |
| <b>TOTAL</b> |              | <b>2592</b>  | <b>7640.6</b>        | <b>3021.1</b>        |                       |                                    | <b>585</b>                         | <b>4340.1</b> |                        | <b>720</b>             | <b>4001.3</b> |