







DISTRICT	CROPS	No. of Spots	Area Surveyed (Acre) A-K	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
	Cucumber	5	11.0	5.0	Downy mildew	95/fat, 8fw	3	5.0			
	Onion	18	23.0	7.0	Thrips				95/Fat, mari mian sb, mehmoood nagar 244/HL	5	7
					Downy mildew	Mari mioan sb	1	1.0			
	Pumpkin	8	7.0	3.0	Downy mildew	167/M	1	1.0			
					aphid				8fw, 258/HL	2	2
	Raddish	5	4.0								
	Strawberry	2	2.0								
	Tomato	7	9.0	3.0	Whitefly				Shehaz pur, kora khoo	2	3
	Turnip	3	2.0								
R.Y.Khan	Brinjal	2	2.0	2.0	Jassid				Hakra	2	2
					Whitefly				Hakra	2	2
	Cabbage	2	2.0	2.0					Nooray Wali,Bandoor	2	2
	Bittergourd	1	5.0								
	Onion	10	15.0	5.0	Downy mildew	Bhutta Kot ,76/P,Hakra,Khanpur	4	5.0			
					Thrips				76/P	1	2
	Pumpkin	1	1.0								
	Tamato	1	1.0	1.0	Whitefly				76/p	1	1
					Aphid				76/p	1	1
	Raddish	8	8.0	1.0	Whitefly				157/P	1	1
	Melon	4	4.0								
	Mongrry	2	3.0	2.0	Whitefly				18/A,17/A	2	2
	Okra	1	1.0	1.0	Jassid				Ali Akbar Sanghi	1	1
					Whitefly				Ali Akbar Sanghi	1	1
	Carrot	4	4.0		Whitefly						
	Ashgourd	1	2.0	2.0	Whitefly				76/P	1	2
					Downy mildew	76/P	1	2.0			
	Chllies	4	8.0	3.0	Whitefly				Khanpur,Hakara,76/P	3	3
					Virus	Khanpur	1	1.0			
	Turnip	5	6.0	1.0	Whitefly				153/P	1	1
	Spinach	7	7.0	1.0	Army worm	22/A	1	1.0			
	Cauliflower	3	3.0	2.0	Aphid				Ali Akbar Sanghi,Bandoor	2	2
					Jassid				17/A	1	1
	Corriandar	1	1.0								
	Garilik	1	1.0	1.0	Thrips				Mian Wali Qureshian	1	1
					Downy mildew	Mian Wali Qureshian	1	1.0			
	Raya				Whitefly						
	Berseem				Whitefly						
	Maize	7	19.0								
D.G. Khan	Cauliflower	3	5.0	1.0	White Fly				Khakhi Gharbi, Dharopla, Noria Korla Gharbi and Haider Qureshi	1	1

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					Army Worm	Dharopla	1	1.0			
	Reddish	4	4.0	1.0	White Fly				Pehar, Bairon Taunsa	1	1
					Jassid				Pehar, Bairon Taunsa	1	1
	Carrot	4	4.0	1.0	White Fly				Zor Mah Hazara	1	1
					Jassid						
	Turnip	5	5.0	1.0	White Fly				Bolani	1	1
					Jassid				Bolani	1	1
	Canola	3	4.0	4.0	Aphid				Gaos Abad	2	3
	Sarsoon	2	4.0	4.0	Aphid				Pir Adil	2	4
	Barseem	28	30.0	28.0	Jassid				Bairon Taunsa, Makwal, Jhoke Ranjha, Thul Pandhi, Cholani, Perdan Sharqi, Bolani	8	14
Muzaffar Garh	Brinjal	6	4.0	4.0	F.Borer				Patal ghair mistaqil	1	1
					Jassid				Patal ghair mistaqil,627TDA	2	2
					W. Fly				627TDA,Vidad,Shahr Sultan	3	3
	Cabbage	3	3.0	3.0	W. Fly				Jatoi Janubi,Shahr Sultan	3	3
	Cauliflower	3	3.0	3.0	W. Fly				M.Garh,Shahr sultan,Khanani	3	3
					A.worm	Khanani	1	1.0			
	Chilies	2	2.0								
	Coriander	3	3.0								
	Cucumber	3	3.0	3.0	W. Fly				Pirharar gherbi, Choudhary,627TDA	3	3
					Powerdery Mildew	Choudhary,627TDA	2	2.0			
	Onion	3	3.0								
	Radish	1	1.0								
	Spinach	6	6.0	2.0	W. Fly				Jatoi Janubi	2	2
	Tomato	2	2.0	1.0	W. Fly				Khanani	1	1
	Turnip	2	2.0	1.0	W. Fly				Shahr Sultan	1	1
Rajanpur	Carrot	5	5.0	2.0	Whitefly				Umer Kot, Tatar Wala	2	2
	Onion	4	8.0	2.0	Thrips				Tatar Wala	2	2
	Chillies	4	4.0	1.0	Whitefly				Tatar Wala	1	1
	Cucumber	2	2.0	1.0	Whitefly				Tatar Wala	1	1
	Cauliflower	2	2.0								
	Cabbage	1	1.0								
	Bitter gourd	1	1.0								
	Berseem	170	180.0	2.0	Whitefly				Seelra, Tatar Wala	2	2
	Tobacco	14	51.0	17.0	Aphid				Tatar Wala,Kotla Dewan	5	17
	Canola	2	6.0	6.0	Aphid				Basti Nazru	2	6
Layyah	Lucern	34	45.0	6.0	CATTERPILLER				Sohara wasawa, bet wasawa, 408TDA ,124ML,94ML,111ML	7	7
					Aphid				Hamoo karloo	1	1
	Canola	45	54.0	8.0	Aphid				433TDA,156TDA,373TDA, 372ATDA, 403TDA, 94TDA, Karor nasheb	7	8
	Sugerbeet	12	19.0								
	Cabbage	5	6.0	1.0	Cabbage catterpillar				148TDA	1	1
	Carrot	5	7.0								
Lahore	Berseem	17	125.0	9.0	Berseem rot	(Dheerky, Minhala)	9				
	Carrot	1	10.0								
	Chillies	2	50.0								
	Cucumber	2	7.0								
	Mustard	1	28.0								
	Oat	4	72.0								
	Onion	2	13.0								
	Peas	2	4.0								
	Sponge gourd	1	1.0								
	Sugarbeet	1	7.0								
	Sugarcane	1	1.0								
	Tomato	1	4.0								
	Turnip	1	2.0								
	Apple	1	2.0								
Sheikhupura	Cucumber	3	18.0								
	Raddish	2	3.0								
	Cauliflower	4	14.0								
	Strawberry	5	15.0	11.0	Leaf Blight	That Laway, 23 Chak	2	11.0	-	-	-
					Fruit Rot	Saad Nauabad Dhamkey, Dhamkey	2	7.0	-	-	-



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	Sponge gourd	1	0.5								
	Strawberry	1	2.0								
	Tomato	3	7.0								
	Sponge gourd	1	5.0								
	Watermelon	6	34.0								
Chiniot	Berseem	94	155.5	15.0	Aphid				K.Ameer Shah, Khanuana, Chak Mathrooma, Kot Qazi, Kot Rahmu, 143 Jb, Rajoa, Peberwala, 200 Jb	9	15
	Broccoli	1	0.3								
	Canola	3	2.5	2.0	Aphid				152 Jb, Chak Bandi	2	2
	Chillies	2	3.0	1.0	Curl Virus	Rajoa	1	1.0			
	Cucumber	1	1.0								
	Garlic	1	0.3								
	Lemon	2	2.0	2.0	Leaf Miner				Rajoa	2	2
	Oat	1	1.0								
	Onion	3	2.5	1.0	Thrips				Chak Bandi	1	1
	Peas	9	32.0	3.0	Leaf Spot	143 Jb, Chikriwala	2	3.0			
	Raddish	1	1.0								
	Raddish Pods	1	1.0	1.0	Aphid				T. Mochian	1	1
	Strawberry	2	4.5	2.0	Fruit Rot	Thathi Mochian, Chak Bandi	2	2.0			
	Sugarbeet	2	17.0								
	Tomato	2	1.3								
	Watermelon	3	47.0								
Jhang	Berseem	70	129.0								
	Canola	47	81.0								
	Berseem	246	738.0								
Gujranwala	Berseem	289	705.0	1.0	Root Rot	Majju Chak Sadhoke	1	1.0		-	-
	Peas	3	24.0	-	-		-	-		-	-
	Strawberry	2	19.0	4.0	Strawberry Fruit Rot	Ghania Kamonke	1	4.0		-	-
	Chillies	1	4.0	-	-		-	-		-	-
	Sugarcane	14	18.0	-	-		-	-		-	-
	Raddish	1	1.0	1.0	Root Rot	Kassoake	1	1.0		-	-
	Tobacco	1	2.0	-	-		-	-		-	-
	Watermelon	1	18.0	-	-		-	-		-	-
	Tomato	1	1.0	-	-		-	-		-	-
	Cauliflower	3	9.0	-	-		-	-		-	-
	Apple gourd	1	9.0	-	-		-	-		-	-
Hafizabad	Berseem	105	262.0	2.0	Root Rot	Madhrian wala	2	2.0		0	0
	Oat	1	0.6	0.0	0		0	0.0		0	0
	Tobacco	5	11.0	0.0	0		0	0.0		0	0
	Lucern	2	1.0	0.0	0		0	0.0		0	0
	Bitter gourd	1	1.0	0.0	0		0	0.0		0	0
	Bitter gourd	1	1.0	0.0	0		0	0.0		0	0
	Tomato	1	0.4	0.0	0		0	0.0		0	0
	Peas	1	1.0	0.0	0		0	0.0		0	0
Sialkot	Berseem	75	118.0	18.0	Root Rot				Shair Pur, Machrala, Lohar gran, Matiki, Luriki, Khambranwala, Chani Gondal, Chak Ikhtiyar, Sahowali, Dubarji, Chak Ishaq, Phalorah,	13	18
	Sugarcane	8	19.0	-	-		-	-		-	-
	Jawi	2	10.0	-	-		-	-		-	-
	Tomato	1	2.0	-	-		-	-		-	-
	Turnip	1	2.0	-	-		-	-		-	-
	Strawberry	3	2.0	-	-		-	-		-	-
	Spinach	1	2.0	-	-		-	-		-	-
	Bitter gourd	1	2.0	-	-		-	-		-	-
	Cauliflower	3	4.0	-	-		-	-		-	-
	Garlic	6	2.0	-	-		-	-		-	-
	Peas	2	3.0	-	-		-	-		-	-

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Narowal	Berseem	51	71.0	46.0	Root Rot	Nathaywali, Bheanian, Pindi Chaniani, Sankhatra, Dhadiala, Dongian, Chando Kay, Dhearr, Gass, Domala, Chahal, Kotly Muhammad Saddique, Sheakham, Peajowali, Dodahy, Weeram, Mallowal, Chandowal, Baqar, Jattaypur, Jassowali, Nagray, Depoke, Bakhaypur, Gangran, Acharwali, Musmanian, Nangal, Supanwal, Bhojo Chack, Pancholian.	35	46.0	-	-	-
	Peas	3	3.0	-	-	-	-	-	-	-	-
	Onion	1	1.0	-	-	-	-	-	-	-	-
	Raddish	1	2.0	-	-	-	-	-	-	-	-
Gujrat	Sugarcane	17	17.0								
	Berseem	75	104.3	9.5	Root Rot	Kot Nika, Kheranwali, Hayat Garh, Sohl Kalan, Buzuragwal, Saboor, Sandol, Qila Dar, Dharowal, Lakkanwal Khurd, Lahorian	12				
	Cauliflower	4	10.3	4.0	Aphid				Saboor	1	4
	carrot	2	7.0								
	Corriander	2	1.0								
	Chillies	3	3.0		Aphid				Jalal Pur Jattan, Dolat Nagar	3	2
	Spinach	2	1.0		Aphid				Saboor	1	0.5
	Peas	2	1.0		Aphid,				Saboor	1	0.5
				0.5	Root Rot	Saboor	1	0.5			
	Tobacco	2	8.0								
	Brinjal	2	2.0		Aphid				Dolat Nagar	2	1
	Watermelon	1	1.5	1.0	Damping Off	Jassoki	1	1.0			
	Bitter gourd	1	1.0								
	Cucumber	1	1.0	1.0	D.Mildew	Pyara	1	1.0			
	Musk Melon	2	2.0								
	Onion	3	5.0		Thrips				Majra	1	3
	Strawberry	1	1.3		Mites				Pyara	1	1.25
	Tomato	2	1.3	1.3	Blight	Majra, Pyara	2	1.3			
	Turnip	2	3.0								
M.b.Din	Cauliflower	2	0.3								
	Onion	2	1.0								
	Strawberry	4	8.0								
	Berseem	34	52.0	1.0	White mold	Mong	1	1.0			
	Lucern	5	7.0								
	Tobacco	1	0.1								
Sargodha	Berseem	156	381.0								
	Lucern	24	30.0								
	Oat	16	30.0								
	Canola	1	4.0								
	Garlic	1	4K								
	Corriander	1	3K								
	Sugarbeet	1	2.0								
Bhakkar	Berseem	15	19.0	0.0							
	Canola	12	39.0	12.0	Aphid				C/30, 38 TDA, Daggar Wahg Waghra, 16 T	4	12
	Chillies	1	0.5	0.0							
	Lucern	15	26.0	0.0							
	Mustard	23	77.0	29.0	Aphid				30TDA,70 A ML, Mahni Wala Khoo, 16 TD	8	29
	Oat	4	9.0	0.0							
	Onion	1	0.5	0.0							
	Sugarbeet	7	36.0	2.5	Leaf Spot	C/40, 44 TDA	2	2.5			
Mianwali	Cauliflower	7	2.0	6.0	Borer				Watta Khel,Jall, Khan Wala area	4	6
	Spinach	14	4.0	-	-					-	-
	Onion	4	6.0	-	-					-	-
	Garlic	13	5.0	-	-					-	-
	Carrot	12	2.0	-	-					-	-
	Raddish	9	6.0	3.0	Hudda Beetle				Jall,12/ml,Kalon Wala area	3	3
	Corriander	1	1.0	-	-					-	-
	Berseem	34	37.0	7.0	Aphid				Watta Khel Pakka, Ahmed Khan Wala,Tara	6	7





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	Bitter gourd	1	0.1								
	Brassica	16	8.8	0.3	Aphid				Chountra, Lamy Rah	3	0.3
	Brinjal	13	6.2								
	Cabbage	2	1.0								
	Carrot	4	1.2								
	Cauliflower	30	13.8	0.1	Aphid				Jalala	1	0.1
	Chillies	22	4.1								
	Corriander	32	5.7								
	Cucumber (T)	3	1.1								
	Date	1	0.1								
	Date	1	0.2								
	Euphorbia	1	0.1	0.1	Mosaic	Bucha	1	0.1			
	Fig	1	0.3								
	Garlic	22	6.5	0.4	Thrips				Jalala	4	0.4
	Bitter gourd	9	2.4	1.0	Soft rot	Bucha	1	1.0			
	Grapes	5	1.3								
	Lemon	1	0.1								
	Loquat	4	0.4								
	Melon Nursery	2	0.4								
	Mint	6	1.0								
	Mustard	8	2.7	0.4	Aphid				Thatta Khalil, Jalala	4	0.4
	Oat	9	3.7								
	Olive	1	0.2	0.2	Anthraco nose	Tret	1	0.2			
	Onion	9	4.7	0.4	Thrips				Jalala	2	0.4
	Papaya	1	0.2								
	Peach	7	3.1	0.1	Gummosis	Jhando	1	0.1			
	Pear	4	0.8								
	Peas	3	4.8								
	Pensy	1	0.1								
	Persimon	1	0.2								
	Piconut	1	0.2								
	Plum	5	1.9								
	Pomegranate	2	0.2	0.1	Cracking	Mandra	1	0.1			
	Raddish	34	13.7								
	Saag	13	6.2								
	Capsicum	2	0.2								
	Soya	1	0.2								
	Spinach	50	23.1								
	Strawberry	9	5.4	1.3	Leaf blotch	Arjan	2	1.3			
	Bitter gourd	3	0.3	0.1	Aphid				Jalala	1	0.1
	Tomato	5	0.9	0.2	Blight	Bucha	1	0.2			
	Turnip	44	16.2								
	Walnut	2	0.4								
<b>TOTAL</b>		<b>4620</b>	<b>8929.7</b>	<b>1064.4</b>			<b>181</b>	<b>332.5</b>		<b>452</b>	<b>791.7</b>

#### GENERAL RECOMMENDATIONS

Motivate the farmers to follow the following recommendations.

Keep fields free from weeds.

Remove all plant debris and remains of vegetables immediately after harvest.

Use suitable fungicides for the control of diseases on crops and vegetables.

The control of armyworm on different vegetables / fodders is very necessary to check its multiplication by hand picking and graze the infected leaves. For its control suitable insecticides like IGR's should be used in consultation with field staff of Pest Warning and Extension Wing.

Fallow fields should be ploughed up to destroy pupae of bollworms especially helicoverpa and armyworm.

For jassid control, apply imidacloprid 25 WP@ 75gm/acre or imidacloprid 200 SL@ 60ml/acre or thiamethoxam 25 WDG@ 24gm/100 LOW.

Mango orchards with heavy infection of anthracnose should be treated twice with suitable fungicides.

Orchards should be treated with suitable pesticides thrice a year for the control of insect pests and diseases i.e. before flowering, after fruit setting and harvesting.

For the control of fruit flies, keep the field neat and clean by eradicating the weeds, picking up of infested fruits and burying them properly and install pheromone (methyl eugenol) traps @ 3-5 traps /acre.