

PEST SITUATION OF FIELD CROPS, VEGETABLES FOR 1ST FORTNIGHT OF FEBRUARY, 2019											
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	Brinjal	10	15	10	Fruit Borer				Kabir Pur, Wahi Sawyia	4	5
					Jassid				Kabir Pur, Wahi Sawyia	4	5
	Chillies	10	38	0							
	Cauliflower	5	9	3	Army Worm	Wan Chatta, Kabir Pur	2	3			
	Okra	7	11	2	Aphid				Bahawal Pur Sukha, Gajju Hatta	2	2
	Carrot	5	10	0							
	Tomato	4	10	0							
	Peas	5	10	2	Whitefly				Kurri Tamak, Buch	2	2
	Onion	19	80	13	Thrips				Kotla Abdul ul Fateh, Bahawal Pur Sukha, Mochi Punwan, Inayat Pur, Umer Pur	5	13
	Tori	3	4	0							
	Lucern	17	50	0							
	Sarsoon, Raya	6	23	4	Aphid				Lar, Wahi Bhakkar, Mohan Pur	3	4
	Barseem	84	220	23	Army Worm	Hamid Pur, Labar, Sajawal Pur, 74M, Mochi Punwan	5	12			
					Aphid				Kotla Mohran, Kabir Pur, Chajju Shah, Sarri Wala, Inayat Pur	5	11
Sunflower	3	31	0								
Canola	5	18	4	Aphid				Lar, Todar Pur	2	4	
Khanewal	Barseem	93	146								
	Lucern	8	14								
	Sarsoon, Raya	37	60								
	Canola	5	7								
	Cabbage	2	2								
	Turnip	2	3								
	Peas	3	6								
	Carrot	4	5								
	Cauliflower	2	3								
	Chillies	2	3								
	Pumpkin	1	1								
	Raddish	4	4								
	Spinach	5	5								
Vehari	Okra	4	4								
	Cucumber	2	11	6	Jassid				357/EB	1	6
	Melon	2	32								
	Water Melon	2	3								
	Pumpkin	3	5								
	Chillies	7	35								
	Tendi	2	4								
	Peas	3	44								
	Spinach	1	1								
	Onion	9	23								
	Tori	1	1								
	Fodder	1	1								
	Brinjal	4	11	4	Jassid				Karpur, Sahar, 357/EB	3	10

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	Carrot	4	4	2	Whitefly				Khanpur,18/A	2	2
	Ashgourd	3	4	3	Whitefly				Ali Akbar Sanghi,76/P	2	2
					Aphid				111/P	1	1
	Turnip	4	5								
	Spinach	6	6	2	Whitefly				Kachi Jamal,Murad Pur Sial	2	2
	Tomato	3	3	2	Jassid				157/P	1	1
					Whitefly				Kotla Mudhu	1	1
					Aphid				76/P	1	1
					Blight	Kotla Mudhu	1	1			
	Chillies	5	8	3	Whitefly				Hakra,Khanpur	2	2
					Virus	Khanpur	1	1			
	Okra	1	1	1	Jassid				Ali Akbar Sanghi	1	1
	Okra				Whitefly				Ali Akbar Sanghi	1	1
	Mongray	2	3								
	Coriander	1	1								
	Cauliflower	4	4	2	Aphid				111/P	1	1
					Whitefly				Kachi Jamal	1	1
	Sunflower	1	1								
	Sarsoon, Raya	39	58	25	Aphid				Kacha,Ali Akbar Sanghi,Tranda Ali Murad,Lal Garh,150/P,148/P,151/P,Mosa Kanjoo,132/P,29/P,35/P,16/A,Goth Hayat29/A,54/A,	18	25
D.G Khan	Barseem	145	169								
	Cauliflower	2	2	1	Whitefly				Khakhi Gharbi, Dharopla, Samina, Noria Korla Gharbi and Haider Qureshi	1	1
					Army Worm	Dharopla	1	1			
	Raddish	1	1								
	Carrot	1	1		Whitefly						
					Jassid						
	Turnip	2	2	1	Whitefly				Pehar and Bairoon Taunsa	2	2
					Jassid				Pehar and Bairoon Taunsa	2	2
	Canola	2	3	3	Aphid				Bairoon Taunsa, Gaos Abad	2	3
	Sarsoon, Raya	2	4	4	Aphid				Malkani, Pir Adil	2	4
	Barseem	8	14	14	Jassid				Dona, Chapri, Bohar, Hadwar, Bairoon Taunsa, Makwal, Jhoke Ranjha	8	14
Rajanpur	Carrot	5	5								
	Onion	4	5	1	Thrips				Tatar Wala	1	1
	Brinjal	2	2								
	Cauliflower	2	2								
	Chillies	1	1	1	Whitefly				Tatar Wala	1	1
	Cucumber	1	1	1	Whitefly				Tatar Wala	1	1
	Pumpkin	2	9								
	Turnip	1	1								
	Bitter gourd	1	1								
	Barseem	182	199	5	Whitefly				Tatar Wala,Shahan Wala,Gaddan Wala	5	5
	Tobacco	9	48	48	Aphid				Tatar Wala,Shahan Wala,Gaddan Wala	9	48
	Sunflower	6	15								
	Canola	2	6								
Layyah	Lucern	73	127	3	Aphid				161 TDA,94ML,403 TDA.	3	3
	Canola	47	89	4	Aphid				397 TDA, 460 TDA, 375 TDA, 91 ML	4	4
	Sugerbeet	18	39	0	0						
	Vegetable										
	Cabbage	7	7	1	Army Worm	140TDA	1	1			
	PEAS	5	5	2	Jassid				138TDA,	1	1
	Carrot	7	7		Whitefly				134 TDA.	1	1
Lahore	Berseem	31	214	50	Berseem rot	(Gopal Singh, Balyana kho, Buchoki, Badokisani, Bablivana, Chatamoli)	8	50			
	Bittergourd	1	1								
	Bottle gourd	1	2								
	Brassica	3	50	25					(Badokisani)	2	25

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	Cabbage	1	1								
	Capsicum	2	4.5								
	carrot	2	11								
	Corriander	1	1								
	Cucumber	3	7								
	Garlic	1	8								
	Indian squash	1	2								
	Oat	5	21								
	Peas	4	9								
	Pumpkin	1	1								
	Radish Pods	1	1								
	Spinach	1	2								
	Strawberry	2	5								
	Sugarcane	1	3								
	tomato	1	1								
	Turnip	2	2								
	Water melon	2	2								
	Total	67	348.5								
Sheikhupura	Cabbage	12	25	6	Aphid	-	-	-	Dhoor Kot	1	6
	Berseem	45	123	8	Stem Rot	Chak 20	1	3	-	-	-
	Berseem					Kotha Nazir Labana	1	5	-	-	-
	Canola	1	4								
	Cauliflower	4	14								
	Carrot	13	92								
	Peas	9	12	3	Rootrot	Maki 460	1	10			
						Dera Awan	1	1			
					Root Rot	Naringni	1	1	-	-	-
	Litchi	5	17								
	Strawberry	5	13	4	Leaf Spot	Mirpur, Chak 23	2	4	-	-	-
	Spinach	1	1	-	-	-	-	-	-	-	-
	Vegetable	8	63	-	-	-	-	-	-	-	-
	Brinjal	2	2								
	Tomato	2	2	1	Aphid				Tarku	1	1
Ferozwala	Barseem	72	321	6	Bereem Rot	-	-	-	Chak-46,Lubanwala,Babakwal,Awan Muslim,Pindori	5	6
	Cauliflower	1	1								
	Chili	1	2								
	Corriander	1	1								
	Litchi	2	18								
	Fenugreek	1	1								
	Spinach	1	1								
	Strawberry	4	8								
	Sugar beet	1	1								
	Turnip	1	3								
	Barseem	57	83	2	Root Rot	Noor Pur Jattan, Kot sardar kay	2				
	Oat	17	26								
	Sarson	2	6								
	Falsa	1	5								
	Loquat	2	7								
	Carrot	3	11								
	Corriander	1	2								
	Fenugreek	1	5								
	Peas	2	22	1	Blight	Kot raja	1	1			
	Spinach	1	1								
Nankana	Berseem	24	61								
	Brinjal	1	2	2	Aphid				119RB	1	2

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	Canola	2	3								
	Carrot	1	1.5								
	Cauliflower	1	5	5	Aphid				Talwandian	1	5
	Radish Pods	1	1								
	Peas	1	2								
	Pumpkin	1	0.5								
	Strawberry	1	1	1	Late Blight	13/65	1	1			
	Tomato	3	5.5	4.5	Jassid				123, 84RB	2	4.5
	Toria	3	5								
Jhang	Sarson	70	129								
	Canola	47	81								
	Barseem	214	368								
Chiniot	Berseem	78	151								
	Broccoli	1	0.25								
	Cabbage	1	0.25								
	Canola	5	10								
	Chillies	1	1								
	Cucumber	1	1								
	Fodder	3	4								
	Lucern	1	3								
	Onion	2	1.5								
	Peas	11	46	6	Leaf Spots	Kikerwala, T.M.Shah, Baghra Galhotran	4	6			
	Radish Pods	1	1								
	Strawberry	1	2								
	Tomato	2	2								
	Water melon	2	12								
Faisalabad	Barseem	109	140.5								
	Bean	1	1								
	Bitter gourd	4	8.5								
	Brinjal	2	1.5								
	Canola	37	107								
	Capsicum	1	5								
	Carrot	7	15								
	Chillies	4	11	3	Aphid				156 RB	1	3
	Cucumber	4	10								
	Garlic	2	0.5								
	Grapes	1	3								
	Melon	2	7								
	Radish Pods	2	2								
	Mustard	2	2.5								
	Onion	2	2.25								
	Peas	4	7								
	pumpkin	1	1								
	Raddish	2	4								
	Spinach	1	1								
	Strawberry	2	7.5								
	Tomato	1	5								
	Water melon	11	44								
T.T.Singh	Barseem	3	5								
Gujranwala	Barseem	194	725-2								
	Peas	5	13								
	Strawberry	2	5								
	Chillies	2	2								
	Sugarcane	1	1								
	Cabbage	1	1								
Hafiza bad	Berseem	150	418	1	Graymold	Ghari Awan	1	1	0	0	0

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	Gram	1	3	0	0	0	0	0	0	0	
	Water melon	1	4	0	0	0	0	0	0	0	
	Onion	1	0.1	0	0	0	0	0	0	0	
	Peas	2	19	0	0	0	0	0	0	0	
Sialkot	Barseem	81	163	13	Root Rot	Kahlian, Newan choora, Ujowali, Bahari Pur, Galotian, Jaiserwala, Sahianwala, Kot Qadardad, Kala Pahar, Rohila, Abyala, Pahari Pur, Mirza Baiwa	13				
	Sugarcane	11	10	-							
	Jawi	2	10.4								
	Tomato	1	4								
	Turnip	1	2								
	Strawberry	3	6								
	Spinach	1	2								
	Bitter gourd	1	2								
	Cauliflower	3	4								
	Garlic	5	2								
Narowal	BARSEEM	36	58	22					(BADDO MALHI), (KHEETAY), (CHANNIAN) (Ghumthala) (KALLAH) (SAIDO) (JAAMKEY) (togo bhtian) (BHILLO WALI) (SAMON)(Meo Datta)(RANGAY PUR) (KARTAR PUR) (BOLA BAIWA) (BHORRT)	19	22
	Sugarcane	7	11								
	TURNIP	2	2								
	Peas	6	14						19	22	
	Culiflower	1	2								
	Pumpkin	1	2								
	Chillies	1	3								
Gujrat	Sugarcane	16	17.75								
	Barseem	91	113	12.5	Root Rot	Jamal Pur, Bholey, Murrar Pur, Dhilo Gharbi, Lahorian, Kakri, Dharowal, Sadoki, Langay, Dhollanwala, Ali Pur	11	12.5			
	Cabbage	1	1								
	Cauliflower	4	10								
	Tomato	1	1								
	Oat	1	0.75								
	Lucern	1	0.75								
	Onion	1	3.5								
	Carrot	1	1								
	Corriander	1	0.5								
	Peas	2	1								
	Spinach	2	1.5								
	Tobacco	1	0.5								
M.B.Din	Cucumber	1	0.25	0.25	Downy Mildew	Malikwal	1	0.25			
	Turnip	1	0.25								
	Raddish	1	0.125								
	Berseem	37	52	3	White mold	Mong	2	3			
	Lucern	5	7								
	Tobacco	1	0.125								
Sargodha	Berseem	156	381								
	Lucern	24	30								
	Oat	16	30								
	Canola	1	4								
	Garlic	1	4K								
	Corriander	1	3K								
	Sugar beet	1	2								
Bhakkar	Barseem	15	19	0							
	Canola	12	39	12	Aphid			C/30, 38 TDA, Daggar Wahg Waghra, 16 TDA	4	12	

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	Euphorbia	1	0.1								
	Fenugreek	14	4.2								
	Fig	1	0.3								
	Garlic	29	6.09	1.45	Thrips				Dhoke qazian, Thatta Khalii, Konteerla	5	1.45
	Bitter gourd	7	2								
	Grapes	6	10.8								
	Loquat	2	0.2	0.1	Leaf spot	Chak beli Khan	1	0.1			
	Fenugreek	1	0.1								
	Mint	12	1.2								
	Moringa	1	0.1								
	Mustard	12	1.8								
	Oat	14	42.95								
	Onion	6	2.25	0.1	Thrips				Thatta Khalii	2	0.1
	Pappaya	1	0.2								
	Parsley	1	0.1								
	Peach	7	14.6								
	Pear	6	1.2								
	Pensy	1	0.1								
	Persimon	1	0.2								
	Piconut	1	0.2								
	Plum	4	1.4								
	Pomegranate	2	0.2								
	Pumpkin	1	0.1								
	Raddish	47	16.52								
	Saag	15	7.7								
	Salad	2	8.4								
	Shatala	3	1.3								
	Soya	4	0.75								
	Spinach	44	16.29								
	Strawberry	6	3.4								
	Bitter gourd	1	0.02								
	Tomato	4	1								
	Turnip	31	13.35								
	Walnut	2	0.4								
	Wheat	81	271.45								
TOTAL		5041	9118.9	764.6			130	275.1		383	607.5

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 helioverpa 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.