

PEST SITUATION OF FIELD CROPS, VEGETABLES & ORCHARDS FOR 1ST FORTNIGHT OF MARCH, 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	Mango	34	528	380	Galls				Mirzan Pur, Habiba Sial, Sher Shah, Balail, Sarwar Shah Kot, Chak RS, Sher Pur, Mochi Pura, Chajju Shah, Daira Pur, Qaisar Pur	12	179
					Scales				Buch, Sultan Pur, Jhoke Lashkar Pur, 5 Faiz, Pahore, Chajju Shah, Chak RS, Gajju Hatta, Sher Pur, Mochi Pura, Todar Pur, Daira Pur, Khakhi Panjani, Shujat Pur Shumali	15	127
					Anthracoese	Sultan Pur, Habiba Sial, 2T, Qadir Pur Lar, Sher Shah, Pahore, Mangay Hatti, Chajju Shah, Sher Pur, Chak RS, Daira Pur, Khakhi Panjani, Shujat Pur Shumali, Ghazi Pur	16	149			
					Gummosis	Sultan Pur, Jhoke Lashkar Pur, 5 Faiz, Chaju Shah, Chak RS, Mochi Pura, Shujat Pur Shumali	11	87			
					Quick Decline	Sultan Pur, Balail, Sher Pur, Gajju Hatta, Chajju Shah, Khakhi Panjani	6	7 Plants			
	Citrus	21	357	224	Leaf Miner				2T, Kabir Pur, Labar, Tara Garh, Basti Mithu, Moqem Pur, Bahadar Pur Janubi	8	124
					Wither Tip	2T, Kabir Pur, 5 Faiz, Tara Garh, Basti Mithu, Moqem Pur	8	127			
					Gummosis	Jalalabad, Azam Hans, Kair Pur, Labar, Jampur, 11 Faiz, Hamid Pur, Basti Mithu	9	71			
					Slow Decline	2T, Kabir Pur, 11 Faiz, Bati Mithu, Moqem Pur	5	5 Plants			
	Brinjal	4	8	1	Borer				Kabir Pur	1	1

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					Jassid				Kabir Pur	1	1
	Chillies	8	39	0							
	Cauliflower	4	5	1	Army Worm	Kabir Pur	1	1			
	Okra	12	30	4	Aphid				Bahawal Pur Sukha, Chadhar, Shah Pur Ubha, Gaiiu Hatta	4	4
	Tomato	5	21	2	Aphid				Rangeel Pur, Kotal Abu Ul Fateh	2	2
	Onion	17	80	14	Thrips				Labar, Samu Rana, Kotla Abu Ul Fateh, Parhar, Gaju Hatta, Jalal Pur	9	14
					Downy Mildew	Parhar	1	3			
	Maize	30	171	12	Stem Borer				Jhoke Gammu, Feroze Pur, Khoja, Chah MiranKhan, Motha Shumali, Kandair	6	12
	Lucern	20	30	4	Aphid				Hamid Pur, Bahadar Pur, Mian Pur, Belay Wala, Kanhun	4	4
	Sarsoon	4	26	6	Aphid				Lar, ShahPur Ubha	2	6
	Barseem	73	145	11	Aphid				1 MR, Chadahar, Qadir Pur Lar, Balail, Daira Pur, 87M, Sabra, Shuiat Pur	8	11
	Sunflower	3	39	0							
	Canola	5	9	4	Aphid				Lar, Shah Mussa, Nawan Chak, Chahan Miran Khan	4	4
	Sorghum	4	7	0							
Khanewal	Berseem	128	219	16	Root Rot	7/9R, HAYATPUR, 26/10R, 130/10R, SYED KABIR, 67/15L, 5/8R,57/15L,133/16L	9	16			
	Lucern	2	4								
	Sarson	41	66								
	Canola	15	37								
	Maize	51	202	4	Shoot Fly				5/AH, 6/8R, 129/15L	3	4
	Mango	17	79	18	Galls				Jahangeeabad,5/9R, Norang Shah, Moosa Ali Khakh	4	9
					Mealy bug	Moosa Ali Khakh,	1	2			
					Powdery mildew	Jahangeerabad, Norang shah, Moosa ali khakh	3	8			
					Anthracnose	Jahangeeabad, 5/9R, kot wala, Norang Shah, Balochan, 19/8BR, Kot Barkat Aki	7	18			
	Citrus	15	143	49	Leaf Miner				26/10R, 141/10R, PULL CHAWAN, 105/15L, NOURI SUHAG, KOT BARKAT ALI	6	36

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					Wither Tip	27/10R, Pul chawan, 105/15L, 51/15L	4	23			
					Canker	26/10R, 141/10R, 51/15L, Nuri suhaag, Kot barkat ali	5	37			
	Raya	1	1	1	Powdery mildew	5/8R	1	1			
	Peas	6	10	2	Powdery mildew	KHANEWAL KOHNA, 130/15L	3	2			
	Chillies	1	1	1	Jassid				131/15L	1	1
	Pumpkin	3	3								
	Cucumber	2	4								
	Onion	3	4	4	Blotch	42/15L	1	1			
					Thrips				27/10R, Mari sahu, 42/15L	3	3
	Potato	19	161	4	Late Blight	18/8BR, 116/15L	2	4			
Vehari	Okra	3	3								
	Cucumber	2	11	6	Aphid				357/EB	2	6
	Brinjal	5	16	10	Jassid				34/WB,38/WB,357/EB	3	16
					Fruit Borer				Zoor Kot	1	1
	Barseem	139	209	5	Army Worm	166/WB, 164/EB,45/KB	3	5			
					Root Rot	166/EB, 4/WB	2	2			
				14	Aphid				Mahni, Karpur, Tiba Sultan Pur, 202/WB, Zoor Kot, Burahana, Kotly Mahtam, 57/WB, 53/WB,, 427/EB, Kachi Paki, 35/KB, 449/EB, 213/EB, 36/KB	16	11
	Tomato	3	8								
	Raya	26	103	23	Aphid				195/EB, 427/EB	4	23
	Bitter Gourd	2	8								
	Cauliflower	2	10								
	Corriander	1	3								
	Carrot	1	1								
	Green Beans	2	2								
	Maize	25	244	23					Ammenpur, 289/EB, Shamasabad, 13/WB, 34/WB	5	23
	Gourd	1	1								
	Mango	10	318	318	Scales				Jandanwala, Sahib Ali, 199/EB,	3	250
					Galls				541/EB, Rukan Pur, Sahib Ali, Tiba Sultan Pur, 457/EB, 199/EB, 120/EB	7	251
					Anthracnose	76/WB, 541/EB, Rukan Pur, Jandawala, Sahib Ali, Tiba Sultan Pur, 457/EB, 199/EB, 473/EB, 120/EB	10	318			
	Citrus	14	107	107	Leaf Miner				32/WB, 122/WB, 413/EB	3	21
					Fruit fly				76/WB, 47/KB	2	20

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					Wither Tip	32/WB,76/WB,M.Pur,166/WB,Tiba Sultan pur, 122/WB, 47/KB,375/EB,413/EB,98/EB,201/EB, 112/EB,	14	107			
Lodhran	Mango	22	305	305	Galls				Sumra, 13/MPR, Jallah Arain, 233, 293/WB, Massa Kotha, Noor Shah Gilani	9	122
					Anthraxnose	Sumra, 13/MPR, Dera Jand, 233, 352/WB, Jallah Arain, 293, 301/WB, Massa Kotha, Jamrani Wah, Noor Shah Gilani	22	305			
					Powdery Mildew	Sumra, Jallah Arain, 293/WB, Massa Kotha	5	46			
					Malformation	Sumra, Dera Jand, Jallah Arain, 233, 301/WB	7	88			
					Decline	Sumra, Jallah Arain, 352, 293, 301/WB, Massa Kotha	8	93			
	Citrus	18	166	166	Psylla				Sumra, Mundhali, 293, 351/WB, Jallah Arain, Ali Pur Kanju, Naseer Di Wahin	7	82
					Leaf Miner				Sumra, Mundhali, 13/MPR, Kallu Wala, 376, 233, 293, 351, 376/WB, Jallah Arain, Naseer Di Wahin, Kehror Pacca.	16	158
					Wither Tip	Sumra, Mundhali, 13/MPR, Kallu Wala, 376, 233, 293, 351, 376/WB, Jallah Arain, Naseer Di Wahin, Kehror Pacca, Ali Pur Kanju	18	166			
					Canker	Sumra	1	35			
	Brinjal	10	12	12	Whitefly				Municipal Committee, 293/WB, Mian Pur, Jallah Arain	6	8
					Borer				Municipal Committee, Gogran, 293/WB, Mian Pur, Jallah Arain	7	8
					Jassid				Municipal Committee, Gogran, 293/WB, Mian Pur, Jallah Arain	10	12
	Chillies	6	11	1	Virus	Maniha Kotla	1	1			
	Cucumber	9	29	29	Whitefly				Municipal Committee, Hussain Abad, Nagni,	4	9

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	Chillies	5	16	3	Whitefly				65/EB	1	3
	Pumpkin	3	3	1	Whitefly				149/EB	1	1
	Peas	3	4	1	Whitefly				55/EB	1	1
	Shimla	1	1								
	Tomato	1	1								
	Tori	1	1								
	Maize	81	457	10	Shoot Fly				143/EB, 29/KB, 6/KB, Dhengay Wali	4	10
	Citrus	4	10	10	Withertip	Pati Pur, Kahan Singh, 139/EB, 55/EB	4	10			
	Mango	4	21	21	Anthracnose	46/SP, Kahan Sinag, 139/EB, 55/EB	4	21			
	Gauva	13	95								
Okara	Barseem	39	87								
	Citrus	3	24	14	Leaf Miner				1/1L, 27/4L, 18/1L, 2/1L	4	14
					Canker	18/1L, 2/1L	2	9			
	Mango	7	33	20	Anthracnose	51/2L, 35/2R, Hujra	3	20			
	Maize	47	425								
BAHAWALPUR	Mango	34	353	353	Scales	-	-	-	Nushera, Tibbi Data Khan, Mehrab Wala, Tibbi Izat, Musa Khokhar, 98/DNB, 92/DNB.	8	111
					Galls Insects	-	-	-	Rama, Nushera, Fattu Wali, Gul Dera, Tibi Data Kahn, Gulan Lar, Tibi Izat, Musa Khokhar, Tibbi Dakhwan, 40, 51/DB, 47, 26, 22/DNB.	11	99
					Anthracnose	Rama, Nushera, Fattu Wali, 8,13/BC, KhanqahSharif, Gul Dera, Sanjar, Kot Dadu Gallu, Kot Dadu Ghallu, Tibbi Data Khan, Gulan Lar, MehrabWala, Tibi Izat, Musa Khokhar, Tibi Dakhwan, 40,51/DB, 47,98,46,22/DNB, 147/M, Shah Pur, Aara Budh, 71,68/F.	31	349			
					Powdery Mildew	Rama, Fattu Wali, Khanqah Sharif, Kot Dadu Ghallu Mehrab Wala, Musa Khokhar, Tibbi Dakhwan	9	125			

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					Quick Decline	Khanqah Sahrif, Gul Dera, Kot Dadu Ghallu, 147/M, Shah Pur, Aara Budhu, 71,68/F.	8	14 P			
	Citrus	20	167	167	Leaf Minor	-	-	-	Hout Wala, 138/DB, 93/DB, 39/DNB, 41/DNB, 165/M, 182,187,154/M, 143/M, Badar Din, Qaim Pur, 89/F.	16	153
					Wither tip	Fattu Wali, Hout Wala, 26/BC, 13/BC, Rama, Sanjar, Uch Mughlan, Sarwar Abad, 138/DB, 93/DB, 39,41/DNB, 165,182,187/M, 154,143/M Badar Din, Qaim Pur, 89/F.	15	117			
					Citrus Canker	138/DB,39/DNB, 41/DNB, 143/M, Qaim Pur,	2	5			
	Bitter Gourd	2	2	2	Whitefly				Khanqah Sharif	2	2
	Brinjal	9	13	13	Fruit Borer				Dera Izat, Derwaish Muhammad, Vislan.	6	9
					Jassid				Dera Izat, Derwaish Muhammad, Vislan.,Wahi Qadir Dina, Mehrab Wala, Muhamamd Bux Mar, 5/DNB, Old Hasilpur.	9	13
					Whitefly				Dera Izat, Derwaish Muhammad, Vislan, Wahi Qadir Dina, Mehrab Wala, Muhammad Bux Mahar.	9	13
	Cauliflower	1	2	2	Army Worm	Bhinda Dakhli	1	1			
					Whitefly				Bhinda Dakhli	1	1
	Chillies	4	9	0	Whitefly				Mehrab Wala	1	1
	Coriander	1	1	1	Whitefly				Mehrab Wala	1	1
	Cucuber	4	15	15	Downy Mildew	Khanqah Sahrif, Mari Qsim Shah, Badar Din, Ahmad Pur	4	15			
					Whitefly				Ahnmad Pur, Badar Din	2	8
	Melon	5	59	59	Whitefly				Anayti, Chodia, Jamal Pur, Ahmad Pur, hasilpur	5	59
	Onion	8	18	18	Thrips				Hout Wala,Mari Qasim Shah, Vislan, 5/BC, Wahi Qadir Dina,	8	18
	Potato	10	117	117	Jassid				Fattu Wali, Bhinda Dakhli, Vislan, Jamal Pur, Chodia, Talhar.	8	80
		6	35	35	Whitefly				Fattu Wali, Bhinda Dakhli, Vislan, Jamal Pur, Qutab Pur, Chodia.	8	96

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	Tendi	3	3	1	Aphid				167/m	1	1
	Tomato	8	10	2	Blight	Moti pur	1	2			
R.Y.KHAN	Bean	1	1	1	Jassid				17/A	1	1
	Brinjal	4	4	3	Jassid				Ahmed pur Lamah ,Hakra	3	3
					whitefly				Ahmed pur Lamah ,Hakra	3	3
	Cabbage	1	1	1	Aphid				Bandoor	1	1
	Carrot	3	3								
	Cauliflower	2	2	2	Thrips				105/p,111/p	2	2
	Chillies	7	11	5	whitefly				Begar Garhi,Khanpur,Hakra,,18/A	4	5
					Virus				Bagar Garhi,77/p,Khanpur	3	3
	Coriander	1	1								
	Melon	1	4								
	Okra	1	1	1	Aphid				105/p	1	1
	Onion	13	17	11	Thrips	99/P	1	1	Ali Akbar Sanghi,,Sultanpur,,77/p,18/A,17/A.Allah Abad	6	7
					Downy Mildew	153P,Khanpur,Hakra	3	3			
					Aphid				111p	1	1
	Turnip	2	2						Jijia Abbasian	1	3
	Tomato	1	3	3	Aphid						
	Spinach	6	6	1	Armyworm	Bandoor	1	1	Ali Akbar Sangi	1	1
	Pumpkin	3	3	1	Thrips				Ali Akbar Sangi	1	1
					Downy Mildew						
	Raddish	1	1								
	Barssem	85	119								
	Raya	25	130	16	Aphid				Wahi Tibi Shah,Larran,Sorali,76/np,78p,14/A,Murad Pur Sial,Amreen Abad,21/A,126NP	11	16
	SunFlower	1	1								
D.G. Khan	Cauliflower	3	5	1	White Fly				Khakhi Gharbi, Dharopla, Samina Sadat, Haider Qureshi	1	1
					Army Worm	Dharopla	1	1			
	Reddish	4	4	1	White Fly				Pehar, Bairoon Taunsa	1	1
					Jassid				Pehar, Bairoon Taunsa	1	1
	Carrot	4	4	1	White Fly				Bairon Taunsa, Pehar	1	1
					Jassid						

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	Turnip	5	5	1	White Fly				Bolani, Zor Mah Hazara	1	1
					Jassid				Bolani, Zor Mah Hazara	1	1
	Canola	3	4	4	Aphid				Gaos Abad	2	3
	Sarsoon	2	4	4	Aphid				Pir Adil, Hazara, Khanpur Junubi	2	4
	Barseem	26	28	24	Jassid				Bairoon Taunsa, Thul Pandi, Ranjha, Makwal, Tub, Sohnra, Chapri	12	18
	Tobacco	3	8	8	Cutowrm				Basti Faoja, Khanpur Junubi	3	8
	Mango	13	74	74	Anthracnose	Khakhi, Haji Ghazi Sharki, Chotala, Malkani, Zor Mah Hazara, Thul Pandhi, Makwal, Nawan Junubi, Basti Malana Kot Chutta	13	74			
Muzaffar Garh	Mango	42	505	285	Hopper				Bait Mahesar, Sheikh umer, Murad pur Janubi, Muteferqa	4	55
					Scales				Tal Kachu, Khar gerbi, Sheikh umer, Daya Chokha gerbi, Tabi Arain, Khanani, Phullan, Banday shah, Azmat pur	12	83
					Galls				Tal Kachu, Khar garbi, Bait Angra, Sheikh umer, Lasori Khar, Bhindi Korei, Tibi Arain, Phullan, Ghalwan 2nd, Azmat Pur	11	69
					Mealy Bug	Khanani	1	15			
					Gammosis	Khanani	1	15			
					Anthracnose	Khan garh, Tal Kachu, Sheikh umer, Bhindi Korei, Bibi pur Dammar, Wadu wala, Tibi Arain, Khanani, Phullan, Ghalwan 2nd, Azmat pur, Murad Pur	15	121			
	Sorghum	15	66								
Layyah	Lucern	34	45	7	Catterpillar				160TDA, 138TDA, 314TDA, 315TDA, 116TDA.	6	6
					Aphid				154ATDA.	1	1
	Canola	36	44	6	Aphid				161ATDA, 156TDA, 246TDA, 94ML, 258TDA	5	6
	Sugerbeet	4	5								
	Citrus	86	619	101	Leaf Miner				372TDA, 375 TDA, 379 TDA, 379 TDA, 349 TDA, 413 TDA, 373 TDA, 141TDA, 144TDA, 160BTDA, 125TDA, 137 TDA, 126TDA, 168TDA, 162TDA, 111TDA, 116TDA, 115TDA, 296TDA, 218TDA	20	77
					Withertip	379TDA, 168TDA, 154ATDA, 296TDA, 112ML.	5	21			

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					C.Canker	373TDA, 134TDA, 165TDA, 231TDA.	4	14			
	Vegetable										
	Cabbage	4	5	1	Cabbage caterpillar				104TDA,	1	1
	Carrot	5	7								
	Sugar Cane	11	45	13	Borer				116TDA,79TDA	2	13
Rajanpur	Carrot	8	8								
	Cauliflower	1	1								
	Onion	3	7								
	Chillies	3	3								
	Cabbage	1	1								
	Berseem	160	186								
	Tobacco	7	53		Aphid/Blue Mould	Kot janu, Basti waja	2	3	Kot janu, Basti waja, Mullan wala	5	18
Lahore	Berseem	9	28	6	Berseem rot	(Chung, Kohriyan, Nathoki)	4	6			
	Bitter gourd	1	1								
	Bottle gourd	2	3								
	Mustard	1	1								
	Brinjal	1	1								
	Cabbage	2	5								
	Capsicum	2	4								
	Carrot	2	18								
	Cauliflower	1	1								
	Chillies	1	10								
	Corriander	1	7								
	Cucumber	2	3								
	Garlic	1	6								
	Indian squash	1	2								
	Oat	2	6								
	Onion	4	14								
	Peas	1	8								
	Pumpkin	1	1								
	Strawberry	2	4								
	Beetroot	1	2								
	Sugarcane	2	3								
	Tomato	2	3								
	Turnip	2	1.5								
Sheikhupura (Fe	Berseem	60	135	6	Stem Root	Eassen	2	6			
	Peas	13	31	5	Root Rot	Nizam Pura, Tridey Wali,Nazar Labhana	3	5			
	Strawberry	9	32	9	Fruit Root,Crown Root	Dhamkey,Mir Pur	2	9			
	Cabbage	8	30	4	Aphid,Catterpillar				Kot Hayat,Rasool Pur Jattan	2	4
	Carrot	5	17	-					-	-	-
	Chillies	2	2	2	Aphid				Burhaney Wala	2	2
	Raddish	2	3								
	Papaya	1	1								
	Tomato	-	-								
	Tomato	7	33	9	Aphid	-	-	-	Nizam Pura, Burhaney Wala, Burhaney Wala	3	9
Ferozwala	Berseem	38	151	11	Bereem Rot	Chak-34, Gool, Fateh rehan, Daokey, Kot Yaqoob, Khan Pur	7	11	-	-	-

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	Cauliflower	3	4								
	Garlic	6	4								
	Bitter gourd	1	4								
Narowal	Berseem	46	79	26	Root Rot	Behbal Wali, Kalu Padha, Darman, Nawar Pind, Bhagor, Berian Khurd, Qutrowal, Kalah, Bola Bajwa, Sagar Pur, Haibat Pur, Sayar, Naro, Sangowal, Samon Saini, Lal Chand Pura.	17	26	-	-	-
	Raddish	1	1								
	Turnip	1	1								
Gujrat	Sugarcane	5	5								
	Berseem	95	146.75	8.25	Root Rot	Kot Nika, Sandhar, Dharowal, Shadiwal, Chakanwali, Langay, Khojianwali, Goleki, Dera Arain, Nagrianwala	10	8.25			
	Onion	1	3	1	Thrips				Majra	1	1
	Tomato	1	1	1	Blight	Majra	1	1			
	Tobacco	1	0.25	0.25	Aphid				Macchiana	1	0.25
M.b.Din	Cauliflower	2	0.25								
	Onion	2	1								
	Strawberry	5	8								
	Berseem	70	52	0.5	Berseem Rot	Karmanwala	1	0.5			
				0.5	Aphid				Karmanwala	1	0.5
	Lucern	10	7	0.5	A.W.	Lak	1	0.5			
	Tobacco	6	0.5	0.125	Cutworm				Phiray	1	0.125
				0.125	Mosaic Virus	Maikan	1	0.125			
Bhakkar	Berseem	28	28	2	Aphid				Kallur Kot Dagger, Saggu Shumali,	2	2
	Mustard	18	36	8	Aphid				Patti wala, Kanjan, Kalwal Shareef, Maullana Dagger, 70-AML, RMG-2, C/07.	8	8
	Oat	6	5								
	Lucern	11	11	1	Aphid				Saggu Shumali,	1	1
	Canola	6	19	6	Aphid				Akeranwala, Patti wala, Kanjan, Maulana Dagger, C/ 34-A TDA.	6	6
	Beetroot	1	3	1	Aphid				Jhakkar Daggar Sharqi	1	1
	Carrot	1	2								
Mianwali	Onion	4	1								
	Spinach	12	2								
	Garlic	14	5								
	Cauliflower	7	5	4	Borer				Muzzafer Pur Shumali, Kummar Mushani	2	4
	Cucumber	1	1								
	Pumpkin	1	1								
	Raddish	8	5	1	Hudda Beetle				Kummar Mushani	1	1

DISTRICT	CROPS	No. of Spots	Area Surveyed (Acre)	Area Affected	INSECT PEST/ DISEASE	AFFECTED LOCALITIES/ AREA IN ACRES					
				(Acre)		ABOVE ETL LOCALITIES	No. of Spots Above ETL (Hot Spots)	AREA IN ACRES	BELOW ETL LOCALITIES	No. of Spots Below ETL	AREA IN ACRES
	Peach	5	1.9								
	Pear	6	1								
	Peas	3	4.8								
	Pensy	1	0.1								
	Persimon	1	0.2								
	Piconut	1	0.2								
	Plum	5	1.5								
	Pomegranate	1	0.1								
	Pumpkin	3	8.5								
	Raddish	30	43.5								
	Beetroot	1	0.6								
	Rose	1	0.1								
	Saag	3	13.3								
	Shatala	1	2								
	Capsicum	1	0.6								
	Spinach	52	46.6								
	Strawberry	8	11.4								
	Bitter gourd	3	2.3								
	Tomato	2	0.3	0.2	Blight Disease	Bucha	1	0.2			
	Turnip	39	30.7								
	Walnut	2	0.4								
TOTAL		5189	14931.32	3861.275			476	3114.78		660	3180.495

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 heliothis 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.