

11.11.2023 to 17.11.2023

Sr#	Institute	Crop	Sowing Area	Pest/Disease/Weeds Infestation	Overall condition of crop	Rainfall mm	Temp.°C	Advisory to farmers	Additional remarks
1	Sugarcane Research Institute, Faisalabad	Sugarcane	938 (000) ha (2nd estimate, Crop reporting services 2021-22)	Stem borer, Whip Smut in plant crop and Weed infestation in neglected fields.	Normal			<ul style="list-style-type: none"> ● Irrigate the Autumn and Spring planted Sugarcane according to crop requirement and weather forecast. ● Chemical and cultural practices of weed control should be adopted. ● Use Chloropyriphose @ 1.5 L/acre to control sugarcane pyrilla ● Use Zinc Phosphide as bait to check rodents attack in lodged crop. ● Rouge out diseased/ smut plants from the field ratoon crop. ● Use recommended insecticide to control borer etc attack to the crop. ● Spray of bifenthrin 	Frequent feedback received from the farmers

							<p>or lamada @ 250-400ml respectively should be sprayed in case of attack of black bugs especially on ratoon crop.</p> <ul style="list-style-type: none"> ● Stop irrigation one month prior to harvesting of sugarcane crop. ● Keep the water courses and roads etc free of weeds as these harbour insect pests. 	
2	Vegetable Research Institute, Faisalabad	Spinach			Satisfactory		<ul style="list-style-type: none"> ● Judicious use of fertilizers for better production. ● Irrigate the field as per atmospheric conditions. ● Spray against insect pests and diseases. ● Weeds eradication to minimize plant weed competition. 	
		Bitter gourd		Fruit fly & Red pumpkin Myrothecium, Leaf minor, Aphid, Jassid	Satisfactory		<ul style="list-style-type: none"> ● Adopt recommended seed production technology. ● Keep clean the field from weeds. ● Irrigate the field 	

								according to climatic conditions and keep the field in watar conditions.	
		Radish		Medium.	Satisfactory			<ul style="list-style-type: none"> • Meticulous seed bed preparation. • Proper utilization of fertilizers to better production. • Spray against insects and pests. • Spray against pre and post emergence weeds. 	
		Cauliflowe r		Medium to high	Satisfactory			<ul style="list-style-type: none"> • Meticulous seed bed preparation. • Proper utilization of fertilizers to better production. • Spray against insects and pests. • Spray against pre and post emergence weeds. 	
3	Oilseed Research Institute, Faisalabad	Brassica		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> • Irrigate the field after one month of germination • Remove excess plants and maintain 6 inches plant to plant distance before first irrigation. • Give 1 bag urea 	

								with first irrigation. ● Spray Lambda cyhalothrin 2.5 EC @ 330 ml/acre against Mustard Sawfly and Painted bug	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			● Make necessary arrangements for plants pruning. ● Apply nitrogenous fertilizer to boost vegetative growth that will help to get good winter crop.	
		Date Palm	0.0148	Control RPW by inserting Aluminum Phosphide tablets and mudding with chlori mix paste	Satisfactory			● Start pruning of dried bunches from bearing plants.	Continue bunch management in mid-season varieties by pruning extra fronds.
		Ber	0.0135	Spray copper-based fungicide against Alternaria disease				● Continue grafting of scion Ber varieties on rootstocks Do first. ● Untie the polythene sheets from grafted plants.	Continue irrigation twice in a week to grafted Ber plants.
5	Agronomic Research	Sugarcane			Normal	0.0 mm (Faisalabad)	26.1/12.0 °C (Faisalabad)	● Schedule irrigation according to	Effective weed control is a

	Institute, Faisalabad					0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 0.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	28.0/ 13.42 °C (Farooqabad) 27.41/11.14 °C (Khanewal) 27.43/12.21 °C (Karor, Layyah) 25.0/15.0 °C (Bahawalpur)	weather conditions. Effective weed control during rains.	prerequisite for ensuring healthier and vigorous crop growth and yield. For any type of assistance/help regarding weed control in all crops, please contact Dr. Muhammad Rafiq (Senior Scientist) of this institute. His contact number is 03214515696.
		Maize						<ul style="list-style-type: none"> • Arrangements for timely harvesting at proper stage. 	
		Rice						<ul style="list-style-type: none"> • Harvesting should be done at proper time. 	
6	Entomologica l Research Institute, Faisalabad	Sugarcane		Borers Complex 00-0.1.85% Pyrilla 00-120per leaf Mealy bug Nil Whitefly Nil Black bug 00-0- 0.67	In the current situation, overall insect pest pressure has been declined.			<ul style="list-style-type: none"> • Creating awareness among farmers about major insect pests problem and suggested integrated approach for controlling insect pests. 	
Cotton		Whitefly Nil Thrips Nil Jassid Nil American Bollworm Nil Pink Bollworm Nil Dusky Cotton Nil							

				Bug Crop Nil				
		Mango		Mango Fruit Fly00-0.70% Mango Hopper 00-0.65nymph or adult/ branch				
		Citrus		Fruit Fly 0.5% Psylla 00-0.50per leaf Leaf miner 00-.40% Black Fly 0.15%				
		Guava		Fruit Fly 00-.1.75 % infestation 00-12/trap/week 0-0..32 %				
		Vegetables		Brinjal fruit borer 00-0.75% Thrips Below ETL Mites Below ETL Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 1- 4.30 % Jassid 00 – 0.15per leaf				
		Rice		Nil				
7	Fodder Research Institute, Sargodha				Good			● It is optimum time for the sowing of Berseem crop.
8	Citrus Research Institute,	Citrus	0.45 Millio n	Plant Pathology Division Slow decline	Satisfactory		Average maximum and minimum	● Spray of copper based fungicide is recommended for

	Sargodha		Acre	<p>issue of citrus plants was observed in citrus orchard. Incidence of stem end rot was observed. Citrus Canker & scab were observed on fruit.</p> <p>Entomology Division The fruit drop has been observed due to fruit fly infestation. Incidence of Citrus leaf miner have been observed.</p> <p>Weeds Condition Weeding was done where needed.</p>			<p>temperature recorded during this week was 24.57°C & 12.00°C respectively.</p>	<p>the control of fungal and bacterial diseases.</p> <ul style="list-style-type: none"> • Bordeaux pasting is recommended for diseases. • For the control of stem end rot spray of Topsin M @ 02 gm/ liter of water is recommended. • For the Control of slow decline application of Success @ 50 g + Cabriotop @ 30 g and Vertaco @ 40 g / plant, Nitrophos I kg / plant along with by making basin under the canopy of the tree is recommended. • For the control of citrus scale Novastar is recommended @ 1.25 ml/ liter of water . • Install Methyle eugenol pheromone traps @ 6-8 per acre. 	
9	PPRI, Faisalabad	Tomato	Grey mold		Satisfactory			Spray the crop with after the	

			09%				cutting of the fodder. <ul style="list-style-type: none"> ● Score @ 1 cc/ lit of water. ● Amistar top @ 2cc / lit of water ● Sulpher @ 2.5 gm/ lit of water 	
		Cauliflower	Downy mildew 11 %				Spray the crop thoroughly with <ul style="list-style-type: none"> ● Amistar top @ 2 CC / lit of water ● Scure @ 1 CC / lit of water. ● Kumulus@ 2gm/ lit of water. 	
10	Pulses Research Institute, Faisalabad	Mash	3.5				Kharif Crop: <ul style="list-style-type: none"> ● Remain vigilant against insect pest especially whitefly, cutworm and army worm for kharif sown mung and mash crops. Apply suitable insecticide/ pesticides on recommendation of extension agent. ● Remain watchful against Yellow Mosaic virus disease in mung and Urdbean crinkle virus 	
		Mung	476.40					

								<p>disease in mash. Rough out diseased plant and buried deep in soil.</p> <ul style="list-style-type: none"> ● Remain vigilant about weather condition. In case of heavy rains arrange drainage from filed. ● Store harvested spring sown mung and mash after proper drying and fumigate the produce. <p>Rabi Crop:</p> <ul style="list-style-type: none"> ● Plough up the land for soil water conservation and start arranging inputs for chickpea and lentil sowing. ● Purchase quality seed of approved varieties from Punjab Seed Corporation. 	
11	BARI, Chakwal	Groundnut	0.22	During rainy season, hairy caterpillar attack was observed in some areas, which was controlled by spraying	Satisfactory			<ul style="list-style-type: none"> ● Crop is under stress condition due to prolonged drought stress at farmer's field. ● Crop is ready to 	Agricultural Experts should be consulted for the control of insects &

			insecticides. Weeds infestation was also a serious problem, which was eradicated manually and by spraying weedicides.				harvest. Some farmers started harvesting of groundnut crop but due to low moisture, harvest losses increase. Due to which farmers stopped harvesting. As soon as receive moisture harvest the crop to reduce harvest losses.	diseases. Farmers can contact on Mobile phone No. 0334562212 5 (Fida Hassan Shah) for the production technology and problems of Groundnut crop.
	Olive		No serious attack of insects or diseases	Satisfactory				Advisory services are provided to the farmers at the institute as well as on the farms.