

Weekly Crop Situation Report

29.04.2023 to 05.05.2023

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 (2 nd 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"> ● Complete the sugarcane spring plantation ● Chemical and cultural practices of weed control should be adopted ● Irrigate the Autumn planted sugarcane according to crop requirement and weather forecast ● Spray of bifenthrin or lamada @ 250-400ml respectively should be sprayed in case of attack of black bugs especially on ratoon crop ● Use recommended insecticide to control borer etc attack to the crop ● Use Chloripyriphose @ 1.5 L/acre to control sugarcane pyrilla ● Use Zinc Phosphide as bait to check 	Frequent feedback received from the farmers

								rodents attack in lodged crop <ul style="list-style-type: none"> ● Stop irrigation one month before harvesting ● Harvest the crop at ground level/one inch below to avoid Larvae attack ● Cover the harvested crop and supply it to Sugar Mills as early as possible to minimize the staling losses 	
2	Vegetable Research Institute, Faisalabad	Spinach		Leaf Blight & Army worm	Satisfactory			<ul style="list-style-type: none"> ● Judicious use of fertilizers for better production of fresh crop and seed development ● Irrigate the field as per atmospheric conditions ● Spray against insects, pests and diseases ● Weeds eradication to minimize plant weed competition. ● Remove extra raining water from field 	
		Carrot			Satisfactory			<ul style="list-style-type: none"> ● Adopt recommended seed production technology 	

							<ul style="list-style-type: none"> ● Proper roughing of off type plants for better seed production ● Proper irrigation to save the crop from extra rainy water. ● Spray against pre emergence as well as post emergence weeds ● Remove extra raining water from field 	
		Cabbage		Medium to high	Satisfactory		<ul style="list-style-type: none"> ● Adopt recommended seed production technology ● Proper utilization of fertilizers to better production ● Proper roughing of off type plants for better seed production ● Spray against insects and pests ● Spray against pre and post emergence weeds ● Proper irrigation to save the crop from extra rainy water ● Remove extra raining water from field 	

		Cauliflower		Medium to high	Satisfactory			<ul style="list-style-type: none"> ● Efficient seed bed preparation ● Proper utilization of fertilizers to better production ● Proper roughing of off type plants for better seed production ● Spray against insects and pests ● Spray against pre and post emergence weeds ● Proper irrigation to save the crop from frost effects 	
3	Oilseed Research Institute, Faisalabad	Sunflower		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> ● Crop successfully escaped from the attack of head moth and crop is ready to harvest within 15 days approximately (Crop sown in December) ● Provide irrigation and half bag urea at flowering stage ● Spray Emamectin benzoate 1.9 EC @ 200 ml per acre in case of head moth infestation 	
4	Horticulture Research Institute, Faisalabad	Guava	0.129	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> ● Orchard sanitation i.e. collection and disposal of 	

								drop/damage fruit to control fruit fly	
		Date Palm	0.014 7	Attack of termites, scales	Satisfactory			<ul style="list-style-type: none"> ● Earthing up around stems of 2-5 years old plant ● Protect newly planted suckers form termites, scales and root rot 	
		Ber	0.013 5	Infestation of weeds was observed.					
5	Agronomic Research Institute, Faisalabad	Sugarcane			Normal	4.6 mm (Faisalabad)	33.7/17.7 °C (Faisalabad)	<ul style="list-style-type: none"> ● Hoeing with cultivator 45 days after sowing. Apply urea after 60 days of sowing and carbofuran. Apply irrigation to ratoon crop with nitrogenous fertilizer to initiate sprouting. Use balance fertilizer. 	Effective weed control is a prerequisite for ensuring healthier and vigorous crop growth and yield. For any type of assistance/help regarding weed control in all crops, please contact Mr. Muhammad Ashiq (Senior Scientist) of this institute. His contact number is 0300-76 57 249. Harvesting and threshing
		Maize				0.0 mm (Farooqabad, S.Pura)	36.50/20.00 °C (Farooqabad)		
						0.0 mm (Khanewal)	35.54/18.41 °C (Khanewal)		
						0.0 mm (Karor, Layyah)	35.5/19.5 °C (Karor, Layyah)		
						0.0 mm (Bahawalpur)	36.0/21.0 °C (Bahawalpur)		

							control must be given due attention	is in progress.
		Canola & raya			Normal		<ul style="list-style-type: none"> Harvesting completed and threshing in progress 	<p>Avoid burning of wheat straw to overcome smog problem. Store wheat crop at moisture level less than 10%. Check weather forecast before harvesting/threshing of wheat. Co-ordination with extension staff.</p>
6	Entomological Research Institute, Faisalabad	Sugarcane		<p>Borers Complex 00-0.70% Pyrilla 00-.65 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.10</p>	In the current situation, fruit borer and fruit fly are present on guava		<ul style="list-style-type: none"> Creating awareness among farmers about major insect pests problem and suggested integrated approach for controlling insect pests 	
		Cotton		<p>Whitefly Thrips Jassid American Bollworm Pink Bollworm Dusky Cotton Bug Crop terminated</p>				
		Mango		<p>Nil 00-0.20 nymph or adult/ branch</p>				
		Citrus		<p>Fruit Fly</p>				

				0-2.80 % infestation Psylla 00-0.15 per leaf Leaf miner 00-1.90 % Black Fly 0-0.20per leaf					
		Guava		Fruit Fly 00-5.50 % infestation 00-05/trap/week 0-0..25 %					
		Vegetables		00-4.50% Below ETL Below ETL In patches Below ETL 00- 4.00 % 00 – 0.10per leaf					
		Rice		Nil					
		Maize		Nil					
7	Fodder Research Institute, Sargodha			Attack of shoot fly was observed in maize crop. Attack of armyworm was observed in berssm crop.	Good				<ul style="list-style-type: none"> To control the attack of armyworm in berseem seed crop, apply insecticide according to the recommendation of Agri. Department
8	Citrus Research Institute, Sargodha	Citrus	0.45 Millio n Acre	Plant Pathology Division Entomology Division Symptoms of citrus twig blight were observed on most of the	Satisfactory				<ul style="list-style-type: none"> Spray of copper based fungicide is recommended for the control of fungal and bacterial diseases Bordeaux pasting is

			<p>plants. Symptoms of citrus Canker, Scab and melanose were observed on leaves. There were also minor symptoms of fungal disease i.e. Foot rot/</p> <p>Gummosis.</p> <p>Entomology Division</p> <p>Symptoms of Thrips, leaf miner and mealy bug populations were observed on plants.</p> <p>Symptoms of Weeds</p> <p>Condition</p> <p>Weeding was done where needed.</p>				<p>recommended for diseases</p> <ul style="list-style-type: none"> ● Amistartop @ 1 ml/ liter of water is recommended for the control of fungal diseases i.e. Scab and melanose. ● To control mealy bug Profenophos @ 1ml/ liter of water is recommended ● For the control of Thrips and citrus leaf miner Bifenthrin is recommended @ 1 ml/ liter of water 	
9	PPRI, Faisalabad	Spinach	<p><i>Stemphylium</i> blight</p> <p>Upto 08%</p>	Satisfactory			<ul style="list-style-type: none"> ● spray the crop after cutting with: ● Topsin-M @2gm/liter of water ● Cytrol @ 2gm/liter of water 	

10	BARI, Chakwal	Groundnut	0.22	During rainy season, hairy caterpillar attack was observed in some areas, which was controlled by spraying insecticides. Weeds infestation was also a serious problem, which was eradicated manually and by spraying weedicides.	Satisfactory			<ul style="list-style-type: none"> ● Start land preparation and seed for sowing of crop in coming season ● Select sandy soil to grow groundnut for better yield. Tillage practices should perform three to four time prior to sowing the crop. First tillage should be done during February. Deep ploughing should be done as first tillage so that maximum rain water may be preserved in the soil 	Agricultural Experts should be consulted for the control of insects & 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.