

# Weekly Crop Situation Report

25.03.2023 to 31.03.2023

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 <sup>nd</sup> 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"> <li>● Prepare the land for Spring sowing of sugarcane</li> <li>● Irrigate the Autumn planted sugarcane according to crop requirement and weather forecast</li> <li>● Spray of bifenthrin or lamada @ 250-400ml respectively should be sprayed in case of attack of black bugs especially on ratoon crop</li> <li>● Use recommended insecticide to control borer etc attack to the crop.</li> <li>● Use Chloripyriphose @ 1.5 L/acre to control sugarcane pyrilla</li> <li>● Use Zinc Phosphide as bait to check rodents attack in lodged crop</li> <li>● Cover the harvested crop and supply it to Sugar Mills as</li> </ul>	Frequent feedback received from the farmers

								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"> <li>● Judicious use of fertilizers for better production of fresh crop and seed development</li> <li>● Irrigate the field as per atmospheric conditions</li> <li>● Spray against insects, pests and diseases</li> <li>● Weeds eradication to minimize plant weed competition.</li> <li>● Remove extra raining water from field</li> </ul>	
		Carrot			Satisfactory			<ul style="list-style-type: none"> <li>● Adopt recommended seed production technology</li> <li>● Proper roughing of off type plants for better seed production</li> <li>● Proper irrigation to save the crop from extra rainy water.</li> <li>● Spray against pre emergence as well as post emergence weeds</li> </ul>	

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

								<ul style="list-style-type: none"> <li>● Spray against pre and post emergence weeds</li> <li>● Proper irrigation to save the crop from frost effects</li> </ul>	
3	Oilseed Research Institute, Faisalabad	Sunflower		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> <li>● Provide irrigation and half bag Urea at flowering stage (Crop sown in December)</li> <li>● Remove excessive plants when plants are at 4-leaf stage and maintain distance 9 inches between plants before irrigation after 20 days of germination.</li> <li>● Second irrigation should be provided after 20 days of first irrigation.</li> </ul>	
		Brassica		Pests: Nil Disease: Nil Weeds: Nil				<ul style="list-style-type: none"> <li>● Harvest the crop when 70 % siliques turn brown.</li> <li>● Properly store the produce after harvesting at optimum moisture content less than 10%</li> </ul>	
4	Horticulture Research Institute, Faisalabad	Guava	0.129	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> <li>● Orchard sanitation i.e. collection and disposal of drop/damage fruit to control fruit fly</li> </ul>	

		Date Palm	0.014 7	Attack of termites, scales	Satisfactory			<ul style="list-style-type: none"> <li>● Earthing up around stems of 2-5 years old plant</li> <li>● Protect newly planted suckers form termites, scales and root rot</li> </ul>	
		Ber	0.013 5	Infestation of weeds was observed.					
5	Agronomic Research Institute, Faisalabad	Sugarcane			Normal	33.4 mm (Faisalabad) 30.0 mm (Farooqabad, S.Pura) 58.0 mm (Khanewal) 27.1 mm (Karor, Layyah) 23.0 mm (Bahawalpur )	25.8/15.3 °C (Faisalabad) 28.14°C/13.71°C (Farooqabad) 26.97/14.54°C (Khanewal) 22.0/14.0 °C (Karor, Layyah) 31.0/13.0 °C (Bahawalpur)	<ul style="list-style-type: none"> <li>● Irrigation keeping in view of weather conditions. Apply irrigation to ratoon crop with nitrogenous fertilizer to initiate sprouting. Use recommended varieties and balance fertilizer</li> </ul>	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 is in progress.
		Maize						<ul style="list-style-type: none"> <li>● Timely and effective weed control must be given due attention</li> </ul>	
		Canola & raya			Normal			<ul style="list-style-type: none"> <li>● Harvest and thresh the crops keeping in view the weather forecast. The</li> </ul>	

								rainfall with high speed shattering in canola/raya	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.
6	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 00-0.70% Pyrilla 00-.65 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.10	In the current situation, fruit borer and fruit fly are present on guava			<ul style="list-style-type: none"> <li>• Creating awareness among farmers about major insect pests problem and suggested integrated approach for controlling insect pests</li> </ul>	
		Cotton		Whitefly Thrips Jassid American Bollworm Pink Bollworm Dusky Cotton Bug Crop terminated					
		Mango		Nil 00-0.20 nymph or adult/ branch					
		Citrus		Fruit Fly 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			Lodging was observed in oats crop	Good				<ul style="list-style-type: none"> <li>• Use recommended varieties of oats for lodging resistance</li> </ul>
8	Citrus Research Institute, Sargodha	Citrus	0.45 Millio n Acre	<b>Plant Pathology Division Entomology Division</b> Symptoms of citrus Scab and Melanose were observed on plants. There were also minor symptoms of Foot rot/ Gummosis observed.	Satisfactory				<ul style="list-style-type: none"> <li>• Bordeaux pasting of pruned branches is recommended</li> <li>• For the control of citrus leaf miner Bifenthrin is recommended @ 1 ml/ liter of water. To control mealybug Profinofos is recommended @ 1 ml/ liter of water</li> </ul>

				<p><b>Entomology Division</b> Aphid, leaf miner and mealy bug populations were observed on plants</p> <p><b>Weeds Condition</b> Weeding was done where needed.</p>				<ul style="list-style-type: none"> <li>● To control mealy bug Profenophos @ 1ml/ liter of water is recommended</li> <li>● Amistartop @ 1ml/ liter of water is recommended for the control of fungal diseases i.e. Scab and melanose</li> </ul>	
9	PPRI, Faisalabad	Spinach		Cercospora leaf spot 08%	Satisfactory			<ul style="list-style-type: none"> <li>● spray the crop after cutting with:</li> <li>● Topsin-M @2gm/liter of water</li> <li>● Cytrol @ 2gm/liter of water</li> </ul>	
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"> <li>● Start land preparation and seed for sowing of crop in coming season</li> <li>● 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</li> </ul>	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



								rain water may be preserved in the soil	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.