

# Weekly Crop Situation Report

13.05.2023 to 19.05.2023

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 <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> </ul>	Frequent feedback received from the farmers
2	Vegetable Research	Spinach		Leaf Blight & Army worm	Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better</li> </ul>	

Institute, Faisalabad							production of fresh crop and seed development <ul style="list-style-type: none"> <li>• Spray against insects, pests and diseases</li> <li>• Weeds eradication to minimize plant weed competition</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> </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> </ul>	

								<ul style="list-style-type: none"> <li>● Spray against insects and pests</li> <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>● Second irrigation should be provided after 20 days of first irrigation</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	0.2 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 2.0 mm (Karor, Layyah) 16.0 mm (Bahawalpur )	40.4/25.6 °C (Faisalabad) 40.85/22.85 °C (Farooqabad) 39.54/22.44 °C (Khanewal) 39.91/23.42 °C (Karor, Layyah) 40.0/28.0 °C (Bahawalpur)	<ul style="list-style-type: none"> <li>• Irrigate the field after urea and carbofuran application. Schedule irrigation according to weather conditions</li> </ul>	<p>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. Avoid burning of wheat straw to overcome smog problem. Store wheat crop at moisture level less than 10%. Check weather forecast before harvesting/thre</p>
		Maize						<ul style="list-style-type: none"> <li>• Apply irrigation according to weather conditions</li> <li>• Timely and effective weed control must be given due attention</li> </ul>	

								shing 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			Attack of shoot fly was observed in maize crop. Attack of armyworm was observed in berssm crop.	Good			<ul style="list-style-type: none"> <li>To control the attack of armyworm in berseem seed crop, apply insecticide according to the recommendation of Agri. Department</li> </ul>
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<b>Plant Pathology Division</b> <b>Entomology Division</b> Citrus blemishes and fruit drop due to Wind injury were observed on citrus fruit. Symptoms of citrus twig blight were observed on most of the plants. Symptoms of citrus Canker were observed on leaves of mandarin and orange varieties. There were also	Satisfactory			<ul style="list-style-type: none"> <li>Spray of copper based fungicide is recommended for the control of fungal and bacterial diseases</li> <li>Bordeaux pasting is recommended for diseases</li> <li>Topin M @ 2 gm/ liter of water is recommended for the control of citrus fruit drop, blemish and twig blight</li> <li>For the control of Thrips, Citrus psylla and citrus leaf miner Bifenthrin is recommended @ 1 ml/ liter of water</li> </ul>

				<p>minor symptoms of fungal disease i.e. Foot rot/ Gummosis in orange varieties.</p> <p><b>Entomology Division</b> Symptoms of Thrips, leaf miner and Citrus psylla populations were observed on plants</p> <p><b>Weeds Condition</b> Weeding was done where needed.</p>					
9	PPRI, Faisalabad	Spinach		<p>Cercospora leaf spot 08%</p>	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	<p>During rainy season, hairy caterpillar attack was observed in some areas, which was controlled by spraying insecticides.</p> <p>Weeds infestation was also a serious problem, which was eradicated manually and by spraying weedicides.</p>	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</li> </ul>	<p>Agricultural Experts should be consulted for the control of insects &amp; diseases. Farmers can contact on Mobile phone No. 0334562212 5 (Fida</p>

								February. Deep ploughing should be done as first tillage so that maximum rain water may be preserved in the soil	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.