

# Weekly Crop Situation Report

19.11.2022 to 25.11.2022

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	776 (000) ha (1 <sup>st</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>● Chemical and cultural practices of weed control should be adopted</li> <li>● Irrigate the Autumn and Spring planted sugarcane according to crop requirement and weather forecast</li> <li>● Chemical and cultural control of weed practices should be adopted</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> </ul>	Frequent feedback received from the farmers

								<ul style="list-style-type: none"> <li>● Use Zinc Phosphide as bait to check rodents attack in lodged crop</li> <li>● Rouge out diseased/ smut plants from the field ratoon crop</li> <li>● Stop irrigation one month prior to harvesting of sugarcane crop</li> </ul>	
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</li> <li>● Irrigate the field as per atmospheric conditions</li> <li>● Spray against insects, pests and diseases</li> <li>● Weeds must be eradicated to minimize plant weed competition</li> <li>● Keep the field in watter conditions</li> </ul>	
		Radish		Medium	Satisfactory			<ul style="list-style-type: none"> <li>● Meticulous seed bed preparation</li> <li>● Use of certified seed with recommended seed rate</li> <li>● Treatment of seed with fungicide for eradication of soil borne diseases</li> </ul>	

							<ul style="list-style-type: none"> <li>• Proper utilization of fertilizers to better production</li> <li>• Spray against insects and pests</li> <li>• Spray against pre and post emergence weeds</li> </ul>	
	Bitter gourd		Fruit fly & Red pumpkin Myrothecium, Leaf minor, Aphid, Jassid,	Satisfactory			<ul style="list-style-type: none"> <li>• Judicious use of fertilizers for better production</li> <li>• Keep clean the field from weeds</li> <li>• Keep clean the field from weeds and virus infected plant</li> <li>• Maintain proper irrigation at flowering and fruit development stages</li> </ul>	
	Cauliflower		Medium to high	Satisfactory			<ul style="list-style-type: none"> <li>• Meticulous seed bed preparation</li> <li>• Use of certified seed with recommended seed rate</li> <li>• Treatment of seed with fungicide for eradication of soil borne diseases</li> <li>• Proper utilization of fertilizers to better 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> </ul>	
3	Oilseed Research Institute, Faisalabad	Soybean		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> <li>● Do not spray 15 days before harvesting the crop</li> <li>● Harvesting should be done when most of the leaves have been dropped and the moisture content has been dropped below 15%</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	Visits of fruit fly to attack mid varieties i.e. Umran, Pak White & mahmoodia are being observed.				<ul style="list-style-type: none"> <li>● Integrated pest management against fruit fly and weed</li> </ul>	

5	Agronomic Research Institute, Faisalabad	Cotton			Normal	0.0 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 0.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur )	27.6 /9.0 °C (Faisalabad) 26.57°C/12.85 °C (Farooqabad) 26.28/9.71°C (Khanewal) 26.7/10.7 °C (Karor, Layyah) 26.0/10.0°C (Bahawalpur)	<ul style="list-style-type: none"> <li>● Clean cotton picking without moisture. Avoid trash contents during cotton picking</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.</p> <p>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>
		Sugarcane						<ul style="list-style-type: none"> <li>● Remove weeds from sugarcane fields. Apply balanced fertilizer. Pest scouting on regular basis. Irrigation keeping in view of weather conditions</li> </ul>	
		Canola & raya			Normal			<ul style="list-style-type: none"> <li>● Apply balanced fertilizer and irrigation</li> </ul>	

								shing of wheat. Co-ordination with extension staff.
6	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 00-1.20% Pyrilla 00-1.10 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.20	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 00-0.25nymph or adult/ branch				
		Citrus		Fruit Fly 0-3.20 % infestation Psylla 00-0.20 per leaf Leafminer 00-2.00 % Black Fly 0-0.20per leaf				
		Guava		Fruit Fly 00-6.35 % infestation 00-10/trap/week 0-0.37 %				
		Vegetables		00-5.10% Below ETL Below ETL				

				In patches Below ETL 00-4.75 % 00 – 0.10per leaf						
		Rice		Nil						
		Maize		Nil						
7	Fodder Research Institute, Sargodha				Good				<ul style="list-style-type: none"> <li>● Avoid over irrigation to prevent fungal disease in berseem crop</li> </ul>	Sowing of Rabi fodder crops should be completed as early as possible.
8	Citrus Research Institute, Sargodha	Citrus	0.45 Millio n Acre	<p><b>Plant Pathology Division</b> <b>Entomology Division</b> Stem end rot disease of citrus fruit (Kinnow) was found. Symptoms of citrus melanose and scab were observed on the fruit of citrus. Citrus canker was found on Nursery plants.</p> <p><b>Entomology Division</b> Mild attack of lemon butterfly and citrus leaf miner were</p>	Satisfactory				<ul style="list-style-type: none"> <li>● To control lemon butterfly, spray of Emamectin Benzoate @ 1 ml / liter water is recommended</li> <li>● Spray of copper based fungicide i.e. Kocide @ 2 gm/ liter of water is recommended for the control of citrus scab, melanose, anthracnose and citrus canker</li> <li>● For the control of stem end rot systemic fungicide i.e. Nativo @ 65 gm/ 100 liter of water or Cabriotop or Topsin M @</li> </ul>	

				observed on the plants. <b>Weeds Condition</b> Weeding was done where needed.				2gm/ liter of water are recommended	
9	PPRI, Faisalabad	Tomato		Grey mold	Satisfactory			<p>Spray the crop with after the cutting of the fodder</p> <ul style="list-style-type: none"> <li>● Score @ 1 cc/ lit of water</li> <li>● Amistar top @ 2cc / lit of water</li> <li>● Sulpher @ 2.5 gm/ lit of water</li> </ul>	
		Cauliflower		Downy mildew	Satisfactory			<p>Spray the crop thoroughly with</p> <ul style="list-style-type: none"> <li>● Amistar top @ 2 CC / lit of water</li> <li>● Scure @ 1 CC / lit of water</li> <li>● Kumulus@ 2gm/ lit of water-4</li> </ul>	
10	BARI, Chakwal	Groundnut	0.22	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	Satisfactory			<ul style="list-style-type: none"> <li>● Harvesting of the crop completed. After harvesting the groundnut sundry the pods in field or clean floors to avoid pod damage. Then dried pods should be separated from immature, empty and damaged pods to keep quality produce. Store the</li> </ul>	Agricultural Experts should be consulted for the control of insects & diseases. Farmers can contact on Mobile phone No. 0334562212

			spraying weedicides.					<p> pods in cloth or gunny bags for longer storage. Stored the dried pods in gunny bags for longer duration at ventilated place.</p>	<p> 5 (Fida Hassan Shah) for the production technology and problems of Groundnut crop.</p>
		Olive	No serious attack of insects or diseases	Satisfactory					<p> Advisory services are provided to the farmers at the institute as well as on the farms.</p>