

# Weekly Crop Situation Report

14.08.2021 to 20.08.2021

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 (2nd estimate, Crop reporting services 2020-21)	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 September and Spring planted sugarcane according to crop requirement and weather forecast</li> <li>● Regularly visit the crop, if any problem about insect/ pest, and disease will be solved</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>● Apply 30% more fertilizer to the ratoon crop</li> <li>● Complete the urea fertilizer</li> </ul>	Frequent feedback received from the farmers

							<ul style="list-style-type: none"> <li>● application</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>● Rouge out diseased/ smut plants from the field ratoon crop</li> </ul>	
2	Vegetable Research Institute, Faisalabad	Spinach		Leaf Blight	Satisfactory		<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better seed production as well as 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>● Remove extra raining water from the field</li> </ul>	The crop is at seed setting stage hence fresh production is decreasing. Heavy rains may deteriorate fresh production/seed quality.
		Chilies		Coller rot, Anthraclose, Tobacco ETCH virus, thrips,	Satisfactory		<ul style="list-style-type: none"> <li>● Judicious use of fertilizers and proper irrigate the field</li> </ul>	The crop has shifted to seed setting. Hence fresh

			White Fly and /fruit borer				<ul style="list-style-type: none"> <li>● Adopt recommended seed production technology</li> <li>● Spray against sucking insects if required</li> <li>● Maintain proper irrigation at flowering and fruit development stages</li> <li>● Remove extra raining water from the field</li> </ul>	production is decreasing. Heavy rains may deteriorate fresh production/seed quality.
	Bottle gourd		Red pumpkin beetle, girding weevil and fruit fly	Satisfactory			<ul style="list-style-type: none"> <li>● Adopt recommended seed production technology</li> <li>● Keep the field weed free to remove crop plant and weed competition</li> <li>● Maintain proper irrigation at flowering and fruit development stages</li> <li>● Remove extra raining water from the field</li> </ul>	The crop has shifted to seed setting. Hence fresh production is decreasing. Heavy rains may deteriorate fresh production/seed quality.
	Okra/Lady Finger		Red pumpkin beetle, gray mold, rotening, Aphid & Fungal Diseases.	Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better production</li> <li>● Adopt recommended seed production technology</li> <li>● Keep the field in</li> </ul>	The crop has shifted to seed setting. Hence fresh production is decreasing. Heavy rains may

								<ul style="list-style-type: none"> <li>weed free condition</li> <li>● Irrigate the field as per climatic conditions</li> <li>● Remove extra raining water from the field</li> </ul>	deteriorate fresh production/seed quality.
		Bitter gourd		Myrothecium, Leaf minor, Downy Mildew and viral diseases	Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better production</li> <li>● Adopt recommended seed production technology</li> <li>● Complete sowing of Karali segment crop as soon as possible</li> <li>● Keep clean the field from weeds</li> <li>● Irrigate the crop as per climatic conditions</li> <li>● Remove extra raining water from the field</li> </ul>	Sowing of Karali segment is in progress that would ensure the availability of bitter gourd through the whole Rabi season.
3	Oilseed Research Institute, Faisalabad	Sesame		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> <li>● Second irrigation at flowering stage, third irrigation at pod formation stage and fourth irrigation should be provided at seed setting stage</li> <li>● ½ bag urea should be provided with first irrigation and</li> </ul>	

							<p>½ bag Urea should be provided at flowering stage in case of TS-5</p> <ul style="list-style-type: none"> <li>● 1/3 bag urea should be provided each time with first, second and third irrigation in case of TH-6</li> <li>● Remove rain water from field as soon as possible</li> <li>● Spray imidacloprid 100 SL @ 200 ml/acre to control mirid bug infestation</li> </ul>	
	Soybean		Pests: Nil Disease: Nil Weeds: Nil				<ul style="list-style-type: none"> <li>● Recommended time for soybean cultivation is from last week of July to mid-August</li> <li>● Recommended seed rate is 30-35 kg/acre</li> <li>● Cultivate soybean on well-drained soil</li> <li>● Plough the soil 2 times followed by planking on barren field</li> <li>● 3 time ploughing followed by 2 planking are recommended for sowing of soybean</li> </ul>	

								<ul style="list-style-type: none"> <li>● Used drill method for sowing of seed with row to row distance of 1-1.5 ft</li> <li>● Use fertilizers according to the fertility status of field. Use 1 bag of DAP at sowing and one bag of Urea at first irrigation</li> </ul>	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded remove weeds by ploughing the field				<ul style="list-style-type: none"> <li>● Weed population must be under control as their proliferation attracts insects and diseases</li> <li>● Apply regular irrigation</li> <li>● Install methyl eugenol traps to manage fruit fly</li> <li>● Recharge traps at fortnightly basis</li> </ul>	
		Date Palm	0.0148	Control red palm weevil by inserting phostoxin tablets in holes made by RPW and mud the holes with chlori mix paste				<ul style="list-style-type: none"> <li>● Arrange the spathes along with fronds to facilitate thinning</li> </ul>	
		Ber	0.0135	Start pasting of lime and copper sulfate on stem				<ul style="list-style-type: none"> <li>● Skip irrigation in case of rains and drain rain water from the</li> </ul>	

				against high temperature				● Fields	
5	Fodder Research Institute, Sargodha	Rabi Fodder		Attack of shoot fly was observed in Sorghum. Attack of fall armyworm was observed in Maize and Sorghum crop.	Good			<ul style="list-style-type: none"> <li>● Pest control measures against insect attack especially fall army worm may be taken</li> <li>● Control the weeds by adapting agricultural practices and spray</li> </ul>	
6	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p><b><u>Plant Pathology Division</u></b> Some symptoms of citrus scab and citrus canker diseases observed on fruit and leaves of citrus orchard respectively. Minor attack of twig blight. Yellowing of leaves due to high temperature on some orange varieties.</p> <p><b><u>Entomology Division</u></b> Minor infestation of citrus psylla, whitefly and Lemon butterfly was observed at</p>	Satisfactory			<ul style="list-style-type: none"> <li>● Regular pest monitoring should be done</li> <li>● Apply spray of Novastar @ 2ml/ liter of water for the control of pests i.e. citrus psylla, whitefly and lemon butterfly</li> <li>● Spray of copper based fungicide like copper hydroxide @ 2.5 gm/ liter of water for citrus canker and Azoxystrobin @ 1 ml/liter of water for fungal diseases is recommended where fruit has been harvested</li> </ul>	

				new flush in citrus orchards.  <b><u>Weeds Condition</u></b> Weeding practice was done in Sq. No. 19.					
7	PPRI, Faisalabad	Cotton		CLCuV 20%	Satisfactory			● Keep a close check on crop daily	The infestation may increase in the coming weeks.
		Rice		Brown leaf spots (Traces)	Satisfactory				
8	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 spraying weedicides.	Satisfactory			● Add gypsum @ 200kg per acre at the time of flowering. Use of gypsum can increase pod size and number of pods per plant and also contribute to increase seed quality. Second weeding should be done at the time of flowering to eradicate weeds and facilitate peg penetration for better pod formation	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		Very mild attack of wooly aphid is being observed at a few orchards.	Satisfactory			<ul style="list-style-type: none"><li>● Advisory services are provided to the farmers at the institute as well as on the farms</li></ul>	
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