

# Weekly Crop Situation Report

27.02.2021 to 05.03.2021

Sr#	Institute	Crop	Sowing Area	Pest/Disease/Weeds Infestation	Overall condition of crop	Rainfall mm	Temp.°C	Advisory to farmers	Additional remarks
1	Wheat Research Institute, Faisalabad	Wheat						•	
2	Sugarcane Research Institute, Faisalabad	Sugarcane						•	
3	Vegetable Research Institute, Faisalabad	Spinach						•	
		Radish						•	
		Turnip						•	
		Cauliflower						•	
		Cabbage						•	
		Carrot						•	
		Coriander						•	
		Peas						•	
4	Oilseed Research Institute,	Brassica			Satisfactory			• Spray Carbosulfan 20 EC @ 500 ml/acre against	

Faisalabad							<p>Mustard aphid if its population reaches at ETL (50-60) per top 10 cm of central shoot/twig</p> <ul style="list-style-type: none"> <li>● Harvest the crop when 50% siliques turn brown</li> <li>● Don't spray 15 days before harvesting</li> </ul>	
	Linseed			Satisfactory			<ul style="list-style-type: none"> <li>● Third irrigation should be provided at initial stage of seed setting</li> <li>● Spray Carbosulfan 20 EC @ 500 ml/acre against Mustard aphid if its population reaches at ETL (50-60) per top 10 cm of central shoot/twig</li> </ul>	
	Sunflower			Satisfactory			<ul style="list-style-type: none"> <li>● First irrigation should be provided 20 days after germination along with half bag Urea</li> <li>● Remove excessive plants when plants are at 4-leaf stage and maintain distance of 9 inches between plants</li> <li>● Second irrigation should be provided after 20 days of first irrigation</li> </ul>	

5	Pulses Research Institute, Faisalabad	Gram	1.96						
		Masoor	1961						

**Rabi Crop:**  
(Chickpea & lentil)

- Eradicate the weeds from fields. Use of rotary is suitable method in Thall region to eradicate weeds
- In irrigated area the Gram crop at flowering and pod formation stage may be irrigated
- Farmers especially in Rawalpindi Division and Mankera Tehsil should remain vigilant about the weather conditions
- In case of repeated rain splashes in chickpea area the disease Ascochyta Blight of Chickpea may appear. In case disease infestation observed, uproot the infected plant and buried them deep in the soil
- Ascochyta Blight disease of chickpea first appears in patches then in whole fields. If the

								weather remains dry in the month of February, the chances of blight are very low, however if the weather becomes rainy and prolongs then the farmers be advised to spray fungicides at ten days interval on the appearance of diseased patches of blight	
6	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded. Remove weeds by ploughing the field	Satisfactory			<ul style="list-style-type: none"> <li>● Apply completely decomposed farmyard manure</li> <li>● Continue regular cultural practices</li> </ul>	
		Date Palm	0.0148	Spray chlropyriphos around the stems which are exposed to red palm weevil and do earthen up	Satisfactory			<ul style="list-style-type: none"> <li>● Irrigate newly planted field according to the prevailing weather conditions</li> <li>● Cover newly planted offshoots with rice straw or date palm fronds and tie them firmly from top</li> </ul>	
		Ber	0.0135	Eradicate weeds from field  Apply third	Satisfactory			<ul style="list-style-type: none"> <li>● Apply fertilizer if not applied yet</li> <li>● Cover grafted plants with</li> </ul>	

				spray of tri chlorofon against fruit fly if needed				polythene sheet	
7	Agronomic Research Institute, Faisalabad	Sugarcane			Satisfactory	0.0mm (Faisalabad) 0.0mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 0.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	29.0/12.1°C (Faisalabad) 26.71/14.71°C (Farooqabad) 28.78/11.15°C (Khanewal) 29.7/13.1°C (Karor, Layyah) 32.0/14.0°C (Bahawalpur)	<ul style="list-style-type: none"> <li>● Irrigate the crop as per the need</li> <li>● Rouge out the diseased plants from the field</li> <li>● Beware of the rodents as well. Use appropriate insecticide for the control of root borer</li> <li>● Do not irrigate the crop which is to be harvested</li> <li>● Prepare the field for February plantation at the earliest. Use only the recommended varieties for sowing of spring crop</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.
		Wheat			Satisfactory			<ul style="list-style-type: none"> <li>● Do not spray any fungicide unless the attack of rust is confirmed</li> <li>● Yellowing of leaves only does not mean the attack of rust</li> <li>● Check the weather forecast prior to irrigating the crop.</li> </ul>	

8	Entomological Research Institute, Faisalabad	Sugarcane	Borers Complex 0-0.75% Pyrilla 0-0.6 per leaf Mealybug Nil Whitefly Nil Black bug 0-1.6	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>	
		Wheat	Aphid 2-13 per tiller					
		Mango	Mango Fruit Fly Nil Mango Hopper 0-0.6 nymph or adult/ branch					
		Citrus	Fruit Fly 0-2.7 % Psylla 0-1.15 per Leafminer 0-3.35% Black Fly 0.85 per leaf					
		Guava	Fruit Fly 0-5.7% infestation 0.10/trap/week Fruit Borer 0-0.47 %					
		Vegetables	Brinjal fruit borer 0-4.85% Thrips Below ETL Mites Above ETL Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 0-4.7% Jassid 0-0.22 per leaf					
		Rice	Plant Hopper Nil					

		Maize		Stem borer Nil				
9	Fodder Research Institute, Sargodha	Rabi Fodder		1. Minor attack of aphid was observed in oats seed crop. 2. Minor attack of alfalfa weevil was observed on lucerne crop.	Good			<ul style="list-style-type: none"> <li>● Weed eradication is necessary for good growth of lucerne, Berseem and oats.</li> <li>● Pest control measure must be taken according to the recommendations of agriculture department</li> <li>● Frequent cuts should be taken in case of alfalfa weevil attack on lucerne</li> </ul>
10	Citrus Research Institute, Sargodha	Citrus		<p><b>Plant Pathology Division</b> Symptoms of Citrus canker and fungal diseases spots were observed on some leaves of old trees.</p> <p><b>Entomology Division</b> Minor infestation of Citrus Red Scale, Citrus psylla and lemon butterfly was observed in the citrus orchard</p>	Satisfactory			<ul style="list-style-type: none"> <li>● Surveillance and monitoring of mealybug eggs should be carried out at regular interval</li> <li>● For citrus red scale the infested fruits should be washed with detergent after harvesting</li> <li>● Spray of copper based fungicide like copper hydroxide @ 2.5 gm/ liter of water is recommended where fruit has been harvested</li> </ul>

				and nursery due to emergence of new flush.				<ul style="list-style-type: none"> <li>● Stem pasting of fungicides success along with lime @ 1 : 10 is recommended for the control of gummosis</li> </ul>	
12	PPRI, Faisalabad	Spinach		Stemphylium blight Upto 09%	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>	
		Cauliflower		Bacterial Soft rot Upto 06%	Satisfactory			<ul style="list-style-type: none"> <li>● Spray the crop with one of the following fungicides</li> <li>● Bordexure mixture (4:4:50)</li> <li>● Thrill @ 3g/liter of water</li> <li>● Kocide @ 3gm/liter of water</li> </ul>	
		Guava		Bacterial Blight Upto 09%	Satisfactory			<ul style="list-style-type: none"> <li>● Spray the plants with</li> <li>● Flare @ 1gm/liter of water</li> <li>● Thrill @ 2gm/liter of water.</li> <li>● Kocid @3gm/liter of water</li> </ul>	
		Berseem		Stem and crown rot Upto 11%	Satisfactory			<ul style="list-style-type: none"> <li>● Spray the crop along with adjacent soil thoroughly with one of the following</li> </ul>	



								<p>fungicides immediately after cutting the crop to save the next cutting:</p> <ul style="list-style-type: none"> <li>● Amistar Top @ 2cc/liter of water</li> <li>● Score @ 1cc/liter of water</li> </ul> <p>Note: Avoid over irrigation</p>	
13	BARI, Chakwal	Groundnut						●	
		Olive						●	
15	Arid Zone Research Institute, Bhakkar	Wheat						<ul style="list-style-type: none"> <li>● Crop is at heading stage and it is critical stage regarding irrigation application</li> <li>● Increase the frequency of irrigation due to heavy frost especially in weak soils</li> <li>● Adopt suitable measures to control wheat aphid</li> </ul>	
		Chickpea						<ul style="list-style-type: none"> <li>● Gram bod borer and blight infestation can be problem, so pest/ disease scouting must be</li> </ul>	

								<p>performed on weekly basis</p> <ul style="list-style-type: none"><li>● Gram pod borer infestation is on the door so be ready for its management</li><li>● In irrigated crop, irrigation must be applied due to rising temperature.</li></ul>	
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