

# Weekly Crop Situation Report

22.01.2022 to 28.01.2022

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 (1st 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 September planted sugarcane according to crop requirement and weather forecast</li> <li>● Stop irrigation one month before harvesting</li> <li>● Harvest the crop at ground level/one inch below to avoid Larvae attack</li> <li>● Cover the harvested crop and supply it to Sugar Mills as early as possible to minimize the staling losses</li> <li>● Spray of bifenthrin or lamada @ 250-400ml respectively should be sprayed in case of attack of black</li> </ul>	Frequent feedback received from the farmers

								<ul style="list-style-type: none"> <li>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>● Prepared the field for February sowing</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>● Save the crop from frost in growing areas</li> </ul>	
		Radish		Medium	Satisfactory			<ul style="list-style-type: none"> <li>● Complete radish steckling for better seed production</li> </ul>	

							<ul style="list-style-type: none"> <li>● Adopt recommended seed production technology</li> <li>● Save the crop from frost in growing areas</li> <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>	
	Turnip		Medium	Satisfactory			<ul style="list-style-type: none"> <li>● Complete radish steckling for better seed production</li> <li>● Adopt recommended seed production technology</li> <li>● Save the crop from frost in growing areas</li> <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>	
	Cauliflower		Medium to high	Satisfactory			<ul style="list-style-type: none"> <li>● Proper utilization of fertilizers to better production</li> </ul>	Bolting of crop is increasing

							<ul style="list-style-type: none"> <li>● Spray against insects and pests</li> <li>● Spray against pre and post emergence weeds</li> <li>● Save the crop from frost in growing areas</li> </ul>	that may impact on fresh production of crop.
	Cabbage		Medium to high	Satisfactory			<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> <li>● Save the crop from frost in growing areas</li> </ul>	
	Carrot			Satisfactory			<ul style="list-style-type: none"> <li>● Balance use of fertilizers during seed bed preparation</li> <li>● Use of certified seed for good production</li> <li>● Complete radish steckling for better seed production</li> <li>● Adopt recommended seed production technology</li> <li>● Spray against pre emergence as well</li> </ul>	Start of sowing of carrot steckling for early seed production.

								as post emergence weeds <ul style="list-style-type: none"> <li>● Save the crop from frost in growing areas</li> </ul>	
		Coriander		Cutworm, Jassid and White fly	Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better crop growth and development</li> <li>● Complete thinning of the off type plants in crop sowing</li> <li>● Complete the sowing of crop with no more delay</li> <li>● Keep the field weed free</li> <li>● Spray against pests and diseases if any</li> <li>● Save the crop from frost in growing areas</li> </ul>	
3	Oilseed Research Institute, Faisalabad	Brassica		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> <li>● Second irrigation should be provided at flowering</li> <li>● Apply Sulphur @ 6 Kg/acre with irrigation at flowering for significant increase in yield</li> <li>● Remove excess water from field if required</li> </ul>	

		Linseed						<ul style="list-style-type: none"> <li>● Irrigate the field after one month of germination</li> <li>● Remove excess plants before first irrigation</li> <li>● Give 1 bag urea with first irrigation</li> <li>● Remove excess water from field if required</li> </ul>	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> <li>● Apply light irrigation during frosty nights to protect young plants from damage</li> <li>● Apply 30-40 kg/plant farm yard manure if not applied in December</li> <li>● Arrange for micro nutrient spray if needed</li> </ul>	
		Date Palm	0.0148	Control red palm weevil by Inserting Phostoxin tablets in holes made by RPW or hang pheromone trapson the palms	Good			<ul style="list-style-type: none"> <li>● Apply light irrigation to newly planted plants when frost is expected</li> </ul>	

		Ber	0.0135	Apply protective spray of fungicides against Alternaria and powdery mildew diseases				<ul style="list-style-type: none"> <li>● Apply mulching by spreading eradicated weeds under the tree canopy to protect young plants against cold temperature</li> </ul>	
5	Agronomic Research Institute, Faisalabad	Sugarcane			Satisfactory	10.0 mm (Faisalabad) 13.7 mm (Farooqabad, S.Pura)	16.8 /7.4 °C (Faisalabad) 15.85/5.57°C (Farooqabad) 18.14/4.35 °C(Khanewal)	<ul style="list-style-type: none"> <li>● Irrigate the crop as per the need</li> <li>● Use appropriate insecticide for the control of root borer</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				3.0 mm (Khanewal) 4.4 mm (Karor, Layyah) 31.0 mm (Bahawalpur)	18.4/5.9 °C (Karor, Layyah) 19.00/6.0 °C (Bahawalpur)	<ul style="list-style-type: none"> <li>● Weeds rob the crop plants of many nutrients, moisture, sunlight and space; thus their effective and timely control is indispensable. Use only the recommended weedicides and methods of spray to control weeds. Complete production plan can be assessed at <a href="http://dai.agripunjab.gov.pk/">http://dai.agripunjab.gov.pk/</a></li> </ul>	

								Fertilizer management should be based on soil fertility status and irrigation of crops should be based on weather forecast. Pest scouting may be done where necessary and coordinate the Agri. extension staff.
6	Entomological Research Institute, Faisalabad	Sugarcane	Borers Complex 0-0.65% Pyrilla 0-0.15 per leaf Mealybug Nil Whitefly Nil Black bug 0-0.2	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	Crop terminated					
		Wheat	Crop sown					
		Mango	Mango Fruit Fly Nil Mango Hopper					



				0-0.25 nymph or adult/ branch				
		Citrus		Fruit Fly 0-2.85 % Psylla0-0.55 per Leafminer 0-1.75% Black Fly 0-0.2 per leaf				
		Guava		Fruit Fly 0-5.55% infestation 0-6/trap/week Fruit Borer 0-0.25 %				
		Vegetables		Brinjal fruit borer 0-4.55% Thrips Below ETL Mites Above ETL Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 0-4.75% Jassid 0-0.10 per leaf				
		Rice		Plant Hopper Nil				
		Maize		Stem borer Nil				
7	Fodder Research Institute, Sargodha	Rabi Fodder		Attack of root rot was observed in Berseem crop.	Good			<ul style="list-style-type: none"> <li>If root rot appears in Berseem crop the Fodder cutting may be taken as early as possible. In case of severe attack fungicide may be</li> </ul>

								applied at disease patches after cutting	
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p><b><u>Plant Pathology Division</u></b> Defoliation symptoms were observed in some orange plants. Some symptoms of gummosis were observed on the stem of citrus plants.</p> <p><b><u>Entomology Division</u></b> There was also miner infestation of citrus red scales in orchards. Moreover, emergence of mealy bug nymphs is also expected in coming weeks.</p> <p><b><u>Weeds Condition</u></b> Weeding practice was done in Sq. # 13 &amp; 16.</p>	Satisfactory			<ul style="list-style-type: none"> <li>● Regular pest monitoring should be done</li> <li>● To remove scales from fruit washing and waxing of fruits before consumption is recommended for citrus fruits</li> <li>● Regular monitoring of mealy bug infestation is also important</li> <li>● Stem pasting along with matalaxyl + Mancozeb is recommended for gummosis</li> </ul>	
9	PPRI, Faisalabad	Bitter gourd		Myrothecium leaf spot 07%				<p>Spray the crop thoroughly with</p> <ul style="list-style-type: none"> <li>● Antracol @ 3gm/liter of water.</li> </ul>	

							<ul style="list-style-type: none"> <li>• Mencozeb@ 3gm/liter of water.</li> <li>• Nativo @1gm/liter of water</li> </ul>	
		Spinach		Cercospora leaf spot 09%			Spray the crop with <ul style="list-style-type: none"> <li>• Amistar-Top @ 2 ml / lit of water</li> <li>• Score @ 1 ml / lit. of water</li> <li>• Topsin-M @ 2gm / lit of water</li> </ul>	
10	BARI, Chakwal	Groundnut		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.	Good		<ul style="list-style-type: none"> <li>• Harvesting of the crop has been completed. Then dried pods should be separated from immature, empty and damaged pods to keep quality produce</li> <li>• Store the pods in cloth or gunny bags for longer storage. Stored the dried pods in gunny bags for longer duration at ventilated place</li> </ul>	Agricultural Experts should be consulted for the control of insects & diseases. Farmers can contact on Mobile phone No. 03345622125 (Fida Hassan Shah) for the production technology and problems of Groundnut crop.
		Olive			Satisfactory		<ul style="list-style-type: none"> <li>• Pruning of Olive orchards</li> <li>• After pruning apply well rotten FYM</li> </ul>	•

								<ul style="list-style-type: none"><li>● Remove suckers from the trunk base of all trees</li><li>● Remove weeds from the plant basin</li></ul>	
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