

05.08.2023 to 11.08.2023

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 (2nd 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>● In September planted apply one bag of Urea and one bag granular/acre</li> <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>● Apply 30% more fertilizer to the ratoon crop</li> <li>● Apply Urea fertilizer to the spring planted crop of sugarcane</li> <li>● Earthening up should be done in spring planted sugarcane crop</li> <li>● Regularly visit the crop, if any problem about insect/pest, and</li> </ul>	Frequent feedback received from the farmers

								<p>disease will be solved</p> <ul style="list-style-type: none"> <li>● Use recommended insecticide to control borer etc attack to the crop</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> </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</li> <li>● Weeds eradication to minimize plant weed competition</li> <li>● Irrigate the field as per atmospheric conditions</li> <li>● Spray against insect pests and diseases</li> </ul>	
		Okra/Lady Finger		Red pumpkin beetle, gray mold, rotting, Aphid & Fungal Diseases.	Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better production</li> <li>● Fertilizer application after each picking</li> <li>● Planting on both side of ridges keeping field in weed free condition</li> </ul>	

								<ul style="list-style-type: none"> <li>● Irrigate the field climatic conditions and keep the field in watar conditions</li> <li>● Save the crop from heat waves</li> </ul>	
		Tomato		Aphid Jassid, Blight, Grey mold.	Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers and proper irrigation at flowering and fruit development stage</li> <li>● Spray against insect pests and diseases</li> <li>● Proper irrigation at flowering and fruit development stage</li> <li>● Save the crop from heat waves</li> </ul>	
3	Oilseed Research Institute, Faisalabad	Sesame		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>	
		Soybean						<ul style="list-style-type: none"> <li>● Recommended time for soybean cultivation is from 15th July to 10th August</li> <li>● Recommended seed rate is 10 kg/acre</li> </ul>	

							<ul style="list-style-type: none"><li>● Cultivate soybean on well-drained soil</li><li>● 3 times ploughing followed by 2 planking are recommended for sowing of soybean</li><li>● 1 bag of each SOP and DAP should be applied at the time of land preparation</li><li>● Ridges should be of 12-14 inches width. Thus, Row to Row distance should be maintained at 1 ft and Plant to Plant distance should be maintained at 3-4 inches</li><li>● Sowing of Soybean in standing water is recommended so that germination may be enhanced, and crop stand will be good</li><li>● Spray pendimethalin @ 1 liter in 120-liter water after sowing and before germination to</li></ul>	
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								control weeds	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> <li>● Recharging of sex pheromone traps and spray of protein hydrolysate+ Malathion at 10-15 days interval</li> <li>● Plan irrigation interval keeping in view on set of rain</li> </ul>	
		Date Palm	0.0148	Control RPW by inserting Aluminum Phosphide tablets and mudding with chlori mix paste	Satisfactory			<ul style="list-style-type: none"> <li>● Continue harvesting of fruit of mid-season and late varieties and prepare tamr and chohara after fruit grading</li> </ul>	Continue bunch management in mid-season varieties by pruning extra fronds.
		Ber	0.0135	Continue hanging of pheromone traps to hold adult of fruit fly				<ul style="list-style-type: none"> <li>● Continue pruning in early Ber varieties</li> </ul>	Continue irrigation twice in a week to grafted Ber plants.

5	Agronomic Research Institute, Faisalabad	Sugarcane			Normal	0.0 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 22.7 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	38.4/28.6 °C (Faisalabad) 31.87/21.25 °C (Farooqabad) 37.67/27.6 °C (Khanewal) 38.8/29.0 °C (Karor, Layyah) 39.0/28.0 °C (Bahawalpur)	<ul style="list-style-type: none"> <li>● Schedule irrigation according to weather conditions. Effective weed control during rains</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 Dr. Muhammad Rafiq (Senior Scientist) of this institute. His contact number is 03214515696.
		Maize						<ul style="list-style-type: none"> <li>● Sowing of Autumn Maize started</li> <li>● Pre-emergence Weedicides should be applied carefully</li> </ul>	
		Rice						<ul style="list-style-type: none"> <li>● Weeds control in transplanted rice by using the recommended pre emergence herbicide within 3-5 days after transplanting</li> </ul>	
6	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 00-0.1.50% Pyrilla 00-90per leaf Mealy bug Nil	In the current situation, fruit borer			<ul style="list-style-type: none"> <li>● Creating awareness among farmers about major insect pests</li> </ul>	

			Whitefly Nil Black bug 00-0-0.45	and fruit fly are present guava			problem and suggested integrated approach for controlling insect pests	
	Cotton		Whitefly 02-08 per Leaf Thrips 0-06 per leaf Jassid 00-0.35 per leaf American Bollworm Nil Pink Bollworm Nil Dusky Cotton Nil Bug Crop Nil					
	Mango		Mango Fruit Fly00-0.35% Mango Hopper 00-0.50nymph or adult/ branch					
	Citrus		Fruit Fly Nil Psylla 00-0.25per leaf Leaf miner 00-.25 % Black Fly Nil					
	Guava		Fruit Fly 00-.1.50 % infestation 00-12/trap/week 0-0..40 %					
	Vegetables		Brinjal fruit borer 00-0.75% Thrips Below ETL Mites Below ETL Armyworm In patches Cucurbit sucking insects					

				Below ETL Fruit Fly 00- 4.25 % Jassid 00 – 0.25per leaf					
		Rice		Nil					
7	Fodder Research Institute, Sargodha			Attack of shoot fly was observed in Sorghum crop	Good			<ul style="list-style-type: none"> <li>Measures should be taken to control the attack of shoot fly in Sorghum crop according to the recommendation of pest warning department</li> </ul>	Sowing of kharif fodders seed crop should be sown as possible
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p><b>Plant Pathology Division</b> Foot rot/ Gummosis was observed on Grapefruit and different orange varieties. Symptoms of citrus Canker &amp; scab were observed on fruits. There were also minor symptoms of stem end rot.</p> <p><b>Entomology Division</b> Incidence of white fly, lemon butterfly and citrus psylla was observed on new</p>	Satisfactory	Rainfall was observed on 19.07.23 and 21.07.23.		<ul style="list-style-type: none"> <li>Beaudox pasting in recommended for foot rot/ gummosis and soil treatment of Metalaxyl+ Mencozeb @ 5gm/ liter of water</li> <li>Spray of copper based fungicide is recommended for the control of fungal and bacterial diseases</li> <li>For the control of citrus psylla and black fly, mealy bug Melathion is recommended @ 2 ml/ liter of water</li> </ul>	



				flush of citrus plants. <b>Weeds Condition</b> Weeding was done where needed.				
9	PPRI, Faisalabad	Spinach			Satisfactory			Spray the crop after cutting with: <ul style="list-style-type: none"> <li>● Topsin-M @2gm/liter of water</li> <li>● Cytrol @ 2gm/liter of water</li> </ul>
10	Pulses Research Institute, Faisalabad	Mash	3.5					<b>Kharif Crop:</b> <ul style="list-style-type: none"> <li>● Remain vigilant against insect pest especially whitefly, cutworm and army worm for kharif sown mung and mash crops. Apply suitable insecticide/pesticides on recommendation of extension agent</li> <li>● Eradicate weeds from field by hoeing or apply post-emergent herbicides to control broad and narrow leaf weeds</li> <li>● Remain vigilant about weather</li> </ul>
		Mung	476.40					

								<p>condition. In case of heavy rains arrange drainage from filed</p> <p><b>Spring sown Mung &amp; Mash:</b></p> <ul style="list-style-type: none"> <li>● Eradicate the weeds from fields</li> <li>● Manage mature crop harvesting keeping in view the weather</li> <li>● In case of heavy rains arrange drainage from fields</li> <li>● For mechanical harvesting apply any defoliate 6-8 days before harvesting the crop</li> </ul>	
11	BARI, Chakwal	Groundnut	0.22	During rainy season, 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>● Crop is in good condition</li> <li>● Due to rains weeds infestation increases. Control weeds by manual weeding and hoeing or apply weedicides for narrow and broad leaves weeds</li> <li>● In coming days there are chances of hairy caterpillar and white grub in groundnut. Pest</li> </ul>	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

								scout crop and use chemical upon infestation of insect/pest and diseases	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.