

15.07.2023 to 21.07.2023

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	Sunflower		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>	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> <li>● Install sex pheromone traps to control fruit fly</li> <li>● Plan irrigation interval keeping in view on set of rain</li> </ul>	

		Date Palm	0.014 8	Control RPW by inserting Aluminum Phosphide tablets and mudding with chlori mix paste	Satisfactory			<ul style="list-style-type: none"> <li>● Apply NPK fertilizers to all bearing plants not benefited so for</li> </ul>	Continue bunch management in mid-season varieties by pruning extra fronds.	
		Ber	0.013 5	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	37.6mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 19.0 mm (Khanewal) 5.7 mm (Karor, Layyah) 10.0 mm (Bahawalpur)	35.5/27.7 °C (Faisalabad) 34.71/24.14 °C (Farooqabad) 37.64/27.35 °C (Khanewal) 33.0/28.9 °C (Karor, Layyah) 40.0/28.0 °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	
		Maize								

		Rice					Land preparation	03214515696.
							<ul style="list-style-type: none"> <li>Nursery transplantation. 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	<p>Borers Complex 00-0.1.40%</p> <p>Pyrilla 00-90per leaf</p> <p>Mealy bug Nil</p> <p>Whitefly Nil</p> <p>Black bug 00-0-0.45</p>	In the current situation, fruit borer and fruit fly are present 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	<p>Whitefly 01-08 per Leaf</p> <p>Thrips 0-05 per leaf</p> <p>Jassid 00-0.25 per leaf</p> <p>American Bollworm Nil</p> <p>Pink Bollworm Nil</p> <p>Dusky Cotton Nil</p> <p>Bug Crop Nil</p>						
	Mango	<p>Mango Fruit Fly00-0.30%</p> <p>Mango Hopper 00-0.45 nymph or adult/ branch</p>						
	Citrus	<p>Fruit Fly Nil</p> <p>Psylla 00-0.25per leaf</p> <p>Leaf miner</p>						

				00-.25 % Black Fly Nil					
		Guava		Fruit Fly 00-.1.30 % infestation 00-11/trap/week 0-0..35 %					
		Vegetables		Brinjal fruit borer 00-0.65% Thrips Below ETL Mites Below ETL Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 00- 4.15 % Jassid 00 – 0.25per leaf					
		Rice		Nil					
7	Fodder Research Institute, Sargodha				Good				<ul style="list-style-type: none"> <li>● Sowing of kharif fodders seed crop should be sown as possible.</li> </ul>
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<b>Plant Pathology Division</b> Symptoms of citrus Canker & scab were observed on leaves and fruits. There were also minor symptoms of fungal disease i.e Foot rot/	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</li> </ul>

				<p>Gummosis was observed on Grapefruit and different orange varieties.</p> <p><b>Entomology Division</b> Incidence of Black fly, mealy bug and citrus psylla was observed on new flush of citrus plants</p> <p><b>Weeds Condition</b> Weeding was done where needed.</p>				<p>bacterial diseases</p> <ul style="list-style-type: none"> <li>● For the control of citrus psylla and black fly, mealy bug Melathion is recommended @ 2 ml/ liter of water</li> </ul>	
9	PPRI, Faisalabad	Spinach		<p>Cercospora leaf spot 08%</p>	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>	
10	Pulses Research Institute, Faisalabad	Mash	3.5					<p><b>Kharif Crop:</b></p> <ul style="list-style-type: none"> <li>● Prepare soil, arrange input for mung and mash and complete sowing on first</li> </ul>	

		Mung	476.40					<p>monsoon rain when temperature is below 40 degrees</p> <ul style="list-style-type: none"> <li>● Use only certified seed of latest approved varieties</li> </ul> <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	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</li> </ul>	Agricultural Experts should be consulted for the control of insects & diseases. Farmers can contact on Mobile phone No. 0334562212 5 (Fida



				spraying weedicides.				of hairy caterpillar and white grub in groundnut. Pest scout crop and use chemical upon infestation of insect/pest and diseases	Hassan Shah) for the production 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.