

19.08.2023 to 25.08.2023

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</li> </ul>	Frequent feedback received from the farmers

							<p>insect/pest, and 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, rotening, 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</li> </ul>	

							keeping field in weed free condition <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>• Third irrigation at pod formation stage and fourth irrigation should be provided at seed setting stage</li> <li>• 1/3 bag urea should be provided each time with second and third irrigation in case of TH-6</li> </ul>	

							<ul style="list-style-type: none"> <li>● Remove rain water from field as soon as possible</li> <li>● Continue weed eradication as regular as possible to maintain plant vigor and avoid provision of secondary host to insect pests</li> <li>● Spray Nitenpyram 25 SP@ 100 g/acre to control mirid bug infestation</li> <li>● Spray Lambda cyhalothrin 2.5 EC @ 330 ml/acre to manage population of Sesame Pod Borer</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> <li>● Cultivate soybean on well-drained soil</li> <li>● 3 times ploughing followed by 2 planking are recommended for</li> </ul>	

							<ul style="list-style-type: none"> <li>• 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 control weeds</li> </ul>	
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+</li> </ul>	

								Malathion at 10-15 days interval ● Plan irrigation interval keeping in view on set of rain	
		Date Palm	0.0148	Control RPW by inserting Aluminum Phosphide tablets and mudding with chlori mix paste	Satisfactory			● Continue harvesting of fruit of mid-season and late varieties and prepare tamr and chohara after fruit grading	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				● Continue pruning in early Ber varieties	Continue irrigation twice in a week to grafted Ber plants.
5	Agronomic Research Institute, Faisalabad	Cotton			Normal	0.0 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 5.7 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	39.6/29.6 °C (Faisalabad) 38.14/26.14 °C (Farooqabad) 38.04/27.61 °C (Khanewal) 41.1/28.3 °C (Karor, Layyah) 39.0/28.0 °C (Bahawalpur)	● Schedule irrigation according to weather conditions. Effective weed control during rains	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

		Maize						<ul style="list-style-type: none"> <li>● Sowing of Autumn Maize started</li> <li>● Weeds control in transplanted rice by using the recommended pre emergence herbicide within 3-5 days after transplanting</li> </ul>	Rafiq (Senior Scientist) of this institute. His contact number is 03214515696.
		Rice							
6	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 00-0.1.50% Pyrilla 00-90per leaf Mealy bug Nil Whitefly Nil Black bug 00-0-0.45	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		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 1- 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	<b>Plant Pathology Division</b> Foot rot/ Gummosis was	Satisfactory			<ul style="list-style-type: none"> <li>Beadox pasting in recommended for foot rot/ gummosis and soil treatment</li> </ul>	



				<p>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 flush of citrus plants.</p> <p><b>Weeds Condition</b> Weeding was done where needed.</p>			<p>of Metalaxyl+ Mencozeb @ 5gm/ liter of water</p> <ul style="list-style-type: none"> <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>	
9	PPRI, Faisalabad	Spinach			Satisfactory		<p>Spray the crop after cutting with:</p> <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				<p><b>Kharif Crop:</b></p> <ul style="list-style-type: none"> <li>• Remain vigilant against insect pest</li> </ul>	

							<p>especially whitefly, cutworm and army worm for kharif sown mung and mash crops. Apply suitable insecticide/ pesticides on recommendation of extension agent</p> <ul style="list-style-type: none"> <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 condition. In case of heavy rains arrange drainage from filed</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> </ul>	
		Mung	476.40					

								<ul style="list-style-type: none"> <li>• For mechanical harvesting apply any defoliate 6-8 days before</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>• Harvesting the crop</li> <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 scout crop and use chemical upon infestation of insect/pest and diseases</li> </ul>	<p>Agricultural Experts should be consulted for the control of insects &amp; diseases. Farmers can contact on Mobile phone No. 0334562212 5 (Fida Hassan Shah) for the production technology and problems of Groundnut crop.</p>
		Olive		No serious attack of insects or diseases	Satisfactory				<p>Advisory services are provided to the farmers at the institute as well as on the farms.</p>