

28.10.2023 to 03.11.2023

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>● Complete sugarcane autumn plantation at earliest</li> <li>● Use fresh and healthy/disease free seed for sugarcane plantation</li> <li>● Chemical and cultural practices of weed control should be adopted</li> <li>● Irrigate the Autumn and Spring planted sugarcane according to crop requirement and weather forecast</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> </ul>	Frequent feedback received from the farmers

								<ul style="list-style-type: none"> <li>● Rouge out diseased/ smut plants from the field ratoon crop</li> <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			Satisfactory			<ul style="list-style-type: none"> <li>● Judicious use of fertilizers for better production</li> <li>● Irrigate the field as per atmospheric conditions</li> <li>● Spray against insect pests and diseases</li> <li>● Weeds eradication to minimize plant weed competition</li> </ul>	
		Bottle gourd		Red pumpkin beetle and fruit fly				<ul style="list-style-type: none"> <li>● Judicious use of fertilizers after each picking</li> <li>● Keep the field weed free, irrigate the field according to climatic</li> </ul>	

							conditions and keep the field in watter conditions	
	Radish		Medium.	Satisfactory			<ul style="list-style-type: none"> <li>● Meticulous seed bed preparation.</li> <li>● Use of certified seed with recommended seed rate.</li> <li>● Treatment of seed with fungicide for eradication of soil borne diseases.</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>	
	Cauliflowe r		Viral infestation	Satisfactory			<ul style="list-style-type: none"> <li>● Meticulous seed bed preparation</li> <li>● Use of certified seed with recommended seed rate</li> <li>● Treatment of seed with fungicide for eradication of soil borne diseases</li> <li>● Proper utilization of fertilizers to better production</li> <li>● Spray against</li> </ul>	

								insects and pests	
								<ul style="list-style-type: none"> <li>● Spray against pre and post emergence weeds</li> </ul>	
3	Oilseed Research Institute, Faisalabad	Sesame		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> <li>● Don't spray 15 days before harvesting the crop</li> <li>● Store the produce when moisture is less than 10 %</li> </ul>	
		Soybean						<ul style="list-style-type: none"> <li>● Second irrigation should be provided 20 days after first irrigation</li> <li>● Spray Afidopyropen 5% @ 400 ml/acre to manage whitefly infestation</li> <li>● Weeds should be eradicated as early as possible</li> </ul>	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> <li>● Make necessary arrangements for plants pruning</li> <li>● Apply nitrogenous fertilizer to boost vegetative growth that will help to get good winter crop</li> </ul>	
		Date Palm	0.0148	Control RPW by inserting Aluminum Phosphide	Satisfactory			<ul style="list-style-type: none"> <li>● Start pruning of dried bunches from bearing plants</li> </ul>	Continue bunch management in mid-

				tablets and mudding with chlori mix paste					season varieties by pruning extra fronds.
		Ber	0.0135	Spray copper-based fungicide against Alternaria disease				<ul style="list-style-type: none"> <li>• Continue grafting of scion Ber varieties on rootstocks Do first</li> <li>• Untie the polythene sheets from grafted plants</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) 0.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	31.8/18.7 °C (Faisalabad) 32.14/16.85 °C (Farooqabad) 31.09/17.19 °C (Khanewal) 31.36/18.81 °C (Karor, Layyah) 32.0/20.0 °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>• Irrigation should not be overlooked. Keep an eye on pest attack. Drain out the extra water in case of heavy</li> </ul>		
		Rice							

							rainfall	
							<ul style="list-style-type: none"> <li>• Irrigation keeping in view of weather conditions. Recommended pesticide should be applied for pest control in case of attack</li> </ul>	
6	Entomological Research Institute, Faisalabad	Sugarcane	<p>Borers Complex 00-0.1.90%</p> <p>Pyrilla 00-120per leaf</p> <p>Mealy bug Nil</p> <p>Whitefly Nil</p> <p>Black bug 00-0-0.75</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 Nil</p> <p>Thrips Nil</p> <p>Jassid Nil</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 Fly 00-0.50%</p> <p>Mango Hopper 00-0.70nymph or adult/ branch</p>					
		Citrus	<p>Fruit Fly Nil</p> <p>Psylla 00-0.35per leaf</p> <p>Leaf miner 00-.30 %</p> <p>Black Fly Nil</p>					
		Guava	<p>Fruit Fly 00-.1.85 % infestation</p>					

				00-13/trap/week 0-0.45 %					
		Vegetables		Brinjal fruit borer 00-0.95% Thrips Below ETL Mites Below ETL Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 1- 4.50 % Jassid 00 – 0.25per leaf					
		Rice		Nil					
7	Fodder Research Institute, Sargodha				Good				<ul style="list-style-type: none"> <li>● It is optimum time for the sowing of Berseem crop</li> </ul>
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p><b>Plant Pathology Division</b> Slow decline issue of citrus plants was observed in citrus orchard. Incidence of stem end rot was observed. Citrus Canker &amp; scab were observed on fruit.</p> <p><b>Entomology Division</b> Incidence of Citrus scale have</p>	Satisfactory		Average maximum and minimum temperature recorded during this week was 28.57°C & 16.85°C respectively.	<ul style="list-style-type: none"> <li>● Spray of copper based fungicide is recommended for the control of fungal and bacterial diseases</li> <li>● Bordeaux pasting is recommended for diseases</li> <li>● For the control of stem end rot spray of Topsin M @ 02 gm/ liter of water is recommended</li> <li>● For the Control of slow decline</li> </ul>	

				<p>been observed. The fruit drop has been observed due to fruit fly infestation</p> <p><b>Weeds</b></p> <p><b>Condition</b></p> <p>Weeding was done where needed.</p>				<p>application of Success @ 50 g + Cabriotop @ 30 g and Vertaco @ 40 g / plant, Nitrophos I kg / plant along with by making basin under the canopy of the tree is recommended.</p> <ul style="list-style-type: none"> <li>• For the control of citrus scale Novastar is recommended @ 1.25 ml/ liter of water.</li> <li>• Install Methyle eugenol pheromone traps @ 6-8 per acre</li> </ul>	
9	PPRI, Faisalabad	Tomato	Grey mold 09%		Satisfactory			<p>Spray the crop with after the cutting of the fodder</p> <ul style="list-style-type: none"> <li>• Score @ 1 cc/ lit of water</li> <li>• Amistar top @ 2cc / lit of water</li> <li>• Sulpher @ 2.5 gm/ lit of water</li> </ul>	
		Cauliflower	Downy mildew 11 %					<p>Spray the crop thoroughly with</p> <ul style="list-style-type: none"> <li>• Amistar top @ 2 CC / lit of water</li> <li>• Scure @ 1 CC / lit</li> </ul>	



								of water	
10	Pulses Research Institute, Faisalabad	Mash	3.5					<ul style="list-style-type: none"> <li>● Kumulus@ 2gm/ lit of water</li> </ul>	
		Mung	476.40					<p><b>Kharif Crop:</b></p> <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>● Remain watchful against Yellow Mosaic virus disease in mung and Urdbean crinkle virus disease in mash. Rough out diseased plant and buried deep in soil.</li> <li>● Remain vigilant about weather condition. In case of heavy rains arrange drainage from filed</li> <li>● Store harvested spring sown mung and mash after</li> </ul>	

							<p>proper drying and fumigate the produce</p> <p><b>Rabi Crop:</b></p> <ul style="list-style-type: none"> <li>● Plough up the land for soil water conservation and start arranging inputs for chickpea and lentil sowing</li> <li>● Purchase quality seed of approved varieties from Punjab Seed Corporation</li> </ul>	
11	BARI, Chakwal	Groundnut	0.22	<p>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.</p>	Satisfactory		<ul style="list-style-type: none"> <li>● Crop is under stress condition due to prolonged drought stress at farmer's field</li> <li>● Crop is ready to harvest. Some farmers started harvesting of groundnut crop but due to low moisture, harvest losses increase. Due to which farmers stopped harvesting. As soon as receive moisture harvest the crop to reduce</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</p>

								harvest losses	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.