

30.09.2023 to 06.10.2023

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"> ● Complete sugarcane autumn plantation at earliest ● Use fresh and healthy/disease free seed for sugarcane plantation ● Chemical and cultural practices of weed control should be adopted ● Irrigate the Autumn and Spring planted sugarcane according to crop requirement and weather forecast ● Use Chloripyriphose @ 1.5 L/acre to control sugarcane pyrilla ● Use Zinc Phosphide as bait to check rodents attack in lodged crop 	Frequent feedback received from the farmers

							<ul style="list-style-type: none"> ● Rouge out diseased/ smut plants from the field ratoon crop ● Use recommended insecticide to control borer etc attack to the crop ● Spray of bifenthrin or lamada @ 250-400ml respectively should be sprayed in case of attack of black bugs especially on ratoon crop 	
2	Vegetable Research Institute, Faisalabad	Spinach			Satisfactory		<ul style="list-style-type: none"> ● Judicious use of fertilizers for better production ● Irrigate the field as per atmospheric conditions ● Spray against insect pests and diseases ● Weeds eradication to minimize plant weed competition 	
		Bottle gourd		Red pumpkin beetle and fruit fly			<ul style="list-style-type: none"> ● Judicious use of fertilizers after each picking ● Keep the field weed free, irrigate the field according to climatic 	

							conditions and keep the field in watar conditions	
		Okra/Lady Finger		Aphid & Fungal Diseases.	Satisfactory		<ul style="list-style-type: none"> ● Judicious use of fertilizers for better production ● Planting on both side of ridges keeping field in weed free condition ● Irrigate the field climatic conditions and keep the field in watar conditions ● Adopt proper seed production technology 	
		Chilies		Viral infestation	Satisfactory		<ul style="list-style-type: none"> ● Judicious use of fertilizers and proper irrigation at flowering and fruit development stage ● Spray against insect pests and diseases ● Irrigate the crop as per climatic conditions 	
3	Oilseed Research Institute, Faisalabad	Sesame		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory		<ul style="list-style-type: none"> ● Don't spray 15 days before harvesting the crop ● Store the produce when moisture is 	

		Soybean						less than 10 %	
								<ul style="list-style-type: none"> • Second irrigation should be provided 20 days after first irrigation • Spray Afidopyropen 5% @ 400 ml/acre to manage whitefly infestation • Weeds should be eradicated as early as possible 	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> • Focus on orchard floor sanitation • Recharging of sex pheromone traps and spray of protein hydrolysate+ Malathion at 10-15 days interval 	
		Date Palm	0.0148	Control RPW by inserting Aluminum Phosphide tablets and mudding with chlori mix paste	Satisfactory			<ul style="list-style-type: none"> • 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				<ul style="list-style-type: none"> • 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) 33.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	35.6/19.9 °C (Faisalabad) 35.0/22.28 °C (Farooqabad) 36.82/18.64 °C (Khanewal) 36.35/19.35 °C (Karor, Layyah) 36.0/26.0 °C (Bahawalpur)	<ul style="list-style-type: none"> ● 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 Rafiq (Senior Scientist) of this institute. His contact number is 03214515696.
		Maize					<ul style="list-style-type: none"> ● Irrigation and fertilizer management should not be overlooked. Keep an eye on pest attack 		
		Rice					<ul style="list-style-type: none"> ● Irrigation keeping in view of weather conditions. Recommended pesticide should be applied for pest control in case of attack 		
6	Entomological Research	Sugarcane		Borers Complex 00-0.1.50%	In the current			<ul style="list-style-type: none"> ● Creating 	

Institute, Faisalabad		Pyrilla 00-90per leaf Mealy bug Nil Whitefly Nil Black bug 00-0- 0.45	situation, fruit borer and fruit fly are present guava			awareness among farmers about major insect pests 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					

				<p>Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 1- 4.25 % Jassid 00 – 0.25per leaf</p>					
		Rice		Nil					
7	Fodder Research Institute, Sargodha			Attack of shoot fly was observed in Sorghum crop	Good			<ul style="list-style-type: none"> Measures should be taken to control the attack of shoot fly in Sorghum crop according to the recommendation of pest warning department 	Sowing of kharif fodders seed crop should be sown as possible
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p>Plant Pathology Division Sudden deaths syndrome was observed in most of the areas. Incidence of stem end rot was observed. Symptoms of citrus Canker & scab were observed on fruit.</p> <p>Entomology Division The adults of fruit fly have been observed as</p>	Satisfactory			<ul style="list-style-type: none"> Spray of copper based fungicide is recommended for the control of fungal and bacterial diseases For the control of citrus psylla and black fly, mealy bug Melathion is recommended @ 2 ml/ liter of water For the Control of sudden death application of Aliette @ 80 g and Fipronil @ 50 g / plant is 	

				the fruit is in ripening stage. Incidence of white fly and citrus psylla was also observed. Weeds Condition Weeding was done where needed.				recommended. ● For the control of citrus psylla and white fly Spintoron is recommended @ 20 ml/100 liter of water ● Install Methyle eugenol pheromone trap @ 6-8 per acre	
9	PPRI, Faisalabad	Tomato			Satisfactory			Spray the crop with after the cutting of the fodder ● Score @ 1 cc/ lit of water ● Amistar top @ 2cc / lit of water ● Sulpher @ 2.5 gm/ lit of water	
		Cauliflower						Spray the crop thoroughly with ● Amistar top @ 2 CC / lit of water ● Scure @ 1 CC / lit of water ● Kumulus@ 2gm/ lit of water	
10	Pulses Research Institute, Faisalabad	Mash	3.5					Kharif Crop: ● 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	
		Mung	476.40					<ul style="list-style-type: none"> ● 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. ● Remain vigilant about weather condition. In case of heavy rains arrange drainage from filed ● Store harvested spring sown mung and mash after proper drying and fumigate the produce <p>Rabi Crop:</p> <ul style="list-style-type: none"> ● Plough up the land for soil water 	

							conservation and start arranging inputs for chickpea and lentil sowing	
							<ul style="list-style-type: none"> ● Purchase quality seed of approved varieties from Punjab Seed Corporation 	
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.	Satisfactory		<ul style="list-style-type: none"> ● Crop is under stress condition due to prolonged drought stress at farmer's field ● 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 harvest losses 	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 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.
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