

26.08.2023 to 01.09.2023

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"> ● In September planted apply one bag of Urea and one bag granular/acre ● Chemical and cultural practices of weed control should be adopted ● Irrigate the September and Spring planted sugarcane according to crop requirement and weather forecast ● Apply 30% more fertilizer to the ratoon crop ● Apply Urea fertilizer to the spring planted crop of sugarcane ● Earthening up should be done in spring planted sugarcane crop ● Regularly visit the crop, if any problem about 	Frequent feedback received from the farmers

							<p>insect/pest, and disease will be solved</p> <ul style="list-style-type: none"> • 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 	

							wattar 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 wattar 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"> • Third irrigation at pod formation stage and fourth irrigation should be provided at seed setting stage • 1/3 bag urea 	

Soybean

should be provided each time with second and third irrigation in case of TH-6

- Remove rain water from field as soon as possible
- Continue weed eradication as regular as possible to maintain plant vigor and avoid provision of secondary host to insect pests
- Spray Nitenpyram 25 SP@ 100 g/acre to control mirid bug infestation
- Spray Lambda cyhalothrin 2.5 EC @ 330 ml/acre to manage population of Sesame Pod Borer
- Recommended time for soybean cultivation is from 15th July to 10th August
- Recommended seed rate is 10 kg/acre
- Cultivate soybean on well-drained

								soil <ul style="list-style-type: none"> • 3 times ploughing followed by 2 planking are recommended for sowing of soybean • 1 bag of each SOP and DAP should be applied at the time of land preparation • 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 • Sowing of Soybean in standing water is recommended so that germination may be enhanced, and crop stand will be good 	
								<ul style="list-style-type: none"> • Spray pendimethalin @ 1 liter in 120-liter water after sowing and before germination to control weeds 	

4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> ● Recharging of sex pheromone traps and spray of protein hydrolysate+ 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			<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) 5.7 mm (Karor, Layyah) 0.0 mm	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)	<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

					(Bahawalpur)			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"> • Sowing of Autumn Maize started
		Rice						<ul style="list-style-type: none"> • Weeds control in transplanted rice by using the recommended pre emergence herbicide within 3-5 days after transplanting
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"> • Creating 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 Fly 00-0.35% Mango Hopper 00-0.50 nymph or adult/ branch					
		Citrus		Fruit Fly Nil Psylla 00-0.25 per 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 – 0.25 per leaf					
		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 	Sowing of kharif fodders seed crop should be sown as possible

							department		
8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p>Plant Pathology Division Incidence of stem end rot was observed. Symptoms of citrus Canker & scab were observed on leaves and fruits. There were also minor symptoms of fungal disease i.e. Foot rot/ Gummosis in orange varieties.</p> <p>Entomology Division Incidence of black fly, white fly and citrus psylla was observed on new flush of citrus plants.</p> <p>Weeds Condition Weeding was done where needed.</p>	Satisfactory			<ul style="list-style-type: none"> ● Beaudox pasting in recommended for foot rot/ gummosis and soil treatment of Metalaxyl+ Mencozeb @ 5gm/ liter of water ● 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 stem end rot spray of Nativo @ 65 gm/ 100 liter of water is recommended ● 	
9	PPRI, Faisalabad	Spinach			Satisfactory			<p>Spray the crop after cutting with:</p> <ul style="list-style-type: none"> ● Topsin-M @2gm/liter of water ● Cytrol @ 2gm/liter 	

								of water	
10	Pulses Research Institute, Faisalabad	Mash	3.5					Kharif Crop: <ul style="list-style-type: none"> ● 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 ● Eradicate weeds from field by hoeing or apply post-emergent herbicides to control broad and narrow leaf weeds ● Remain vigilant about weather condition. In case of heavy rains arrange drainage from filed Spring sown Mung & Mash: <ul style="list-style-type: none"> ● Eradicate the weeds from fields ● Manage mature crop harvesting keeping in view the weather 	
		Mung	476.40						

								<ul style="list-style-type: none"> ● In case of heavy rains arrange drainage from fields ● For mechanical harvesting apply any defoliate 6-8 days before harvesting the crop 	
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"> ● Crop is in good condition ● Due to rains weeds infestation increases. Control weeds by manual weeding and hoeing or apply weedicides for narrow and broad leaves weeds ● 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 	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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