09.09.2023 to 15.09.2023

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			• 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

								insect/pest, and disease will be solved • Use recommended insecticide to control borer etc attack to the crop • Spray of bifenthirn 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			• 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				• 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			• 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			• 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			• Don't spray 15 days before harvesting the crop • Store the produce when moisture is less than 10 %	
		Soybean						• 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			• 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			• 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) 0.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	39.1/28.4 °C (Faisalabad) 38.14/24.42 °C (Farooqabad) 40.0/26.0 ˚C (Khanewal) 40.37/27.81 ˚C (Karor, Layyah) 41.0/28.0 °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 Rafiq (Senior Scientist) of this institute. His contact number is 03214515696.
		Maize						• Weedicides should be applied carefully. Irrigation and fertilizer management should not be overlooked	
		Rice						• Recommended insecticide should be applied for stem borer, leaf folder and WBP Hopper control in rice. Irrigation keeping in view of weather conditions	
6	Entomological Research	Sugarcane		Borers Complex 00-0.1.50%	In the current			• 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					

				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			• 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	**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. **Entomology Division** The adults of	Satisfactory			• 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	

				fruit fly have been observed as the fruit is in ripening stage. Incidence of white fly and citrus psylla was also observed. **Weeds Condition** Weeding was done where needed.				ml/ liter of water • Install Methyle eugenol pheromenone trap @ 6-8 per acre • For the control of stem end rot spray of Nativo @ 65 gm/ 100 liter of water is recommneded	
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 • 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:** • Eradicate the weeds from fields • Manage mature crop harvesting keeping in view the weather • In case of heavy rains arrange drainage from fields • For mechanical	
		Mung	476.40						

								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			• 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. 03345622125 (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.