## 12.08.2023 to 18.08.2023

Sr#	Institute	Crop	Sowing Area	Pest/Disease/Weed s Infestation	Overall condition of crop	Rainfall mm	Temp.∘C	Advisory to farmers	Additional remarks
1	Sugarcane Research Institute, Faisalabad	Sugarcane	938 (000) ha (2nd estim ate, Crop report ing servic es 2021- 22)	Stem borer, Whip Smut in plant crop and Weed infestation in neglected fields.	Normal			<ul> <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

					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	Leaf Blight & Sar Army worm	tisfactory	<ul> <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.	tisfactory	<ul> <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>

		Tomato	Aphid Jassid, Blight, Grey mold.	Satisfactory	keeping field in weed free condition  Irrigate the field climatic conditions and keep the field in wattar conditions  Save the crop from heat waves  Judicious use of fertilizers and proper irrigation at flowering and fruit development stage  Spray against insect pests and diseases  Proper irrigation at
3	Oilseed	Sesame	Pests: Nil	Satisfactory	flowering and fruit development stage  • Save the crop from heat waves
٠	Research Institute, Faisalabad	Sesame	Disease: Nil Weeds: Nil	Satisfactory	<ul> <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>

		• Remove rain water from field as soon as possible
		<ul> <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</li> </ul>
		bug infestation  Spray Lambda cyhalothrin 2.5 EC  330 ml/acre to manage population of Sesame Pod Borer
Soybean		<ul> <li>Recommended time for soybean cultivation is from 15th July to 10th August</li> <li>Recommended seed rate is 10 kg/acre</li> </ul>
		<ul> <li>Cultivate soybean on well-drained soil</li> <li>3 times ploughing followed by 2 planking are recommended for</li> </ul>

• 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 • Spray pendimethalin @ 1 filter in 120-liter water after sowing and before germination to control weeds  4 Horticulture Research Institute, Faisalabad  • Recharging of sex pheromone traps and spray of protein hydrolystate+								sowing of soybean	
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Faisalabad protein								pheromone traps	
protein					recorded				
nydrolysate+		raisaiavau							
								nydrofysate+	

		Date Palm	0.014	Control RPW by inserting Aluminum Phosphide tablets and mudding with chlori mix paste	Satisfactory			Malathion at 10-15 days interval  Plan irrigation interval keeping in view on set of rain  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	0.013	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	Sugarcane			Normal	0.0 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 5.7 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	38.3/28.7 °C (Faisalabad) 36.85/24.57 °C (Farooqabad) 37.94/27.41 °C (Khanewal) 38.8/29.0 °C (Karor, Layyah) 38.0/28.0 °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> <li>Sowing of Autumn Maize started</li> <li>Pre-emergence Weedicides should be applied carefully</li> <li>Weeds control in transplanted rice by using the recommended pre emergence herbicide within 3-5 days after</li> </ul>	Rafiq (Senior Scientist) of this institute. His contact number is 03214515696.
6	Entomologica l 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		• Creating awareness among farmers about major insect pests problem and suggested integrated	
		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	55		approach for controlling insect pests	
		Mango	Mango Fruit Fly00-0.35%				

		Guava		Mango Hopper 00-0.50nymph or adult/ branch Fruit Fly Nil Psylla 00-0.25per leaf Leaf miner 0025 % Black Fly Nil Fruit Fly 001.50 % infestation 00-12/trap/week 0-040 % 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				
7	Fodder	Rice		Nil	Cood		- > ( 1 11	Carring of
	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	Citrus	0.45	Plant Pathology	Satisfactory	Rainfall was	• Beaudox pasting in	

	Research		Millio	Division		observed on	recommended for	
	Institute,		n	Foot rot/		19.07.23 and	foot rot/ gummosis	
	Sargodha			Gummosis was		21.07.23	and soil treatment	
	Bargoana		Acre	observed on		21.07.23.	of Metalaxyl+	
				Grapefruit and			Mencozeb @ 5gm/	
				different orange			liter of water	
				varieties.				
							• Spray of copper	
				Symptoms of			based fungicide is	
				citrus Canker &			recommended for	
				scab were			the control of	
				observed on			fungal and	
				fruits.			bacterial diseases	
				There were also			• For the control of	
				minor symptoms			citrus psylla and	
				of stem end rot.			black fly, mealy	
				Entomology			bug Melathion is	
				Division			recommended @ 2	
				Incidence of			ml/ liter of water	
				white fly, lemon				
				butterfly and				
				citrus psylla was				
				observed on new				
				flush of citrus				
				plants.				
				Weeds				
				Condition				
				Weeding was				
				done where				
				needed.				
9	PPRI,	Spinach			Satisfactory		Spray the crop	
	Faisalabad	-					after cutting with:	
							• Topsin-M	
							@2gm/liter of	
							water	
							• Cytrol @ 2gm/liter	
							of water	
10	Pulses	Mash	3.5				Kharif Crop:	
10	1 11252	1419211	1 3.3				Knarn Crop:	

Research Institute,					• Remain vigilant against insect pest
Faisalabad					especially
					whitefly, cutworm and army worm
	Mung	476.40			for kharif sown
	ividing				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

11	BARI,	Groundnut	0.22	During rainy	Good		drainage from fields  • For mechanical harvesting apply any defoliate 6-8 days before harvesting the crop  • Crop is in good	Agricultural
	Chakwal			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.			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	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.