

Weekly Crop Situation Report

03.09.2022 to 09.09.2022

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	776 (000) ha (1 st 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"> ● Chemical and cultural practices of weed control should be adopted ● Irrigate the September and Spring planted sugarcane according to crop requirement and weather forecast ● Regularly visit the crop, if any problem about insect/ pest, and disease will be solved ● Spray of bifenthrin or lamada @ 250-400ml respectively should be sprayed in case of attack of black bugs especially on ratoon crop ● Apply 30% more fertilizer to the ratoon crop ● Complete the urea fertilizer application ● Use recommended insecticide to 	Frequent feedback received from the farmers

								control borer etc attack to the crop <ul style="list-style-type: none"> • Use Chloripyriphose @ 1.5 L/acre to control sugarcane pyrilla • Rouge out diseased/ smut plants from the field ratoon crop 	
2	Vegetable Research Institute, Faisalabad	Spinach		Leaf Blight & Army worm	Satisfactory			<ul style="list-style-type: none"> • Adopt better seed production technology • Irrigate the field as per atmospheric conditions • Spray against insects, pests and diseases • Weeds must be eradicated to minimize plant weed competition • Keep the field in watar conditions 	
		Bottle gourd		Botritus Blight, Girding weevil & fruit fly	Satisfactory			<ul style="list-style-type: none"> • Adopt recommended seed production technology • Keep the field weed free and irrigate the field Irrigate the field according to climatic conditions and keep the field in watar conditions 	
		Bitter gourd		Fruit fly & Red pumpkin	Satisfactory			<ul style="list-style-type: none"> • Adopt recommended seed 	

				Myrothecium, Leaf minor, Aphid, Jassid,				production technology ● Keep clean the field from weeds ● Irrigate the field according to climatic conditions and keep the field in wattar conditions	
		Okra/Lady Finger		American Bollworm, Discky Bug, Okra Yellow Vain Mosaic Virus and Okra Leaf Curl Virus and Jassid	Satisfactory			● Adopt recommended seed production technology ● Planting on both side of ridges keeping field in weed free condition ● Irrigate the field according to climatic conditions and keep the field in wattar conditions	
3	Oilseed Research Institute, Faisalabad	Sesame		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			● Don't spray 15 days before harvesting the crop ● Harvest the crop and make standing heaps for drying and attaining moisture level optimum for threshing	
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 through injection / microfusion or hang pheromone traps palms.	Good			<ul style="list-style-type: none"> Continue dethorning in bearing plants Continue weekly irrigation to newly planted plants Continue fruit thinning in mid-season varieties Skip irrigation if rain occurs 	
		Ber	0.0135	Apply Protein Hydrolysate pheromone traps against fruit fly.				<ul style="list-style-type: none"> Prepare rootstock for grafting with scion varieties Drain extra water from the field after rainfalls 	
5	Agronomic Research Institute, Faisalabad	Cotton			Normal	11.0 mm (Faisalabad) 00.0 mm (Farooqabad, S.Pura) 00.0 mm (Khanewal) 00.0 mm (Karor, Layyah) 00.0 mm (Bahawalpur)	36.3 /25.6 °C (Faisalabad) 36.71/24.57 °C (Farooqabad) 37.71°C/25.18°C (Khanewal) 37.9/26.1°C (Karor, Layyah) 39.00/28.0°C (Bahawalpur)	<ul style="list-style-type: none"> Regular Pest scouting (especially sucking pests & PBW) of cotton is necessary Eradicate the weeds Check weather forecast before spray 	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 Mr. Muhammad
		Sugarcane						<ul style="list-style-type: none"> Irrigation keeping in view of weather conditions. Rainfall has positive effect 	

							<p>on the growth of crop. Remove perennial weeds manually from sugarcane fields</p> <ul style="list-style-type: none"> ● Pest scouting on regular basis ● Availability of recommended varieties for September sown crop. Land preparation for Sept. crop 	<p>Ashiq (Senior Scientist) of this institute. His contact number is 0300-76 57 249.</p> <p>Harvesting and threshing is in progress. Avoid burning of wheat straw to overcome smog problem. Store wheat crop at moisture level less than 10%. Check weather forecast before harvesting/threshing of wheat. Co-ordination with extension staff.</p>
		Rice					<ul style="list-style-type: none"> ● Recommended insecticide should be applied for stem borer and leaf folder control in rice ● Irrigation keeping in view of weather conditions 	
		Sesame			Normal		<ul style="list-style-type: none"> ● Proper drainage in sesame crop after rain is very necessary 	
6	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 00-.1.75% Pyrilla 00-1.35 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.75	In the current situation, fruit borer and fruit fly are present on 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 0-9 per leaf				

				Thrips 0-4 per leaf Jassid 0-0.30 American Nil Bollworm Pink Bollworm Nil Dusky Cotton Bug Nil					
		Mango		Nil 00-0.80 nymph or adult/ branch					
		Citrus		0-3.10 % infestation 00-0.30 per leaf 00-2.00 % 0-0.40 per leaf					
		Guava		00-6.70 % infestation 00-13/trap/week 0-0.41 %					
		Vegetables		00-5.75% Below ETL Below ETL In patches Below ETL 00-5.30 % 00 – 0.25per leaf					
		Rice		Nil					
		Maize		Nil					
7	Fodder Research Institute, Sargodha			Attack of fall army worm was observed in maize crop.	Good			<ul style="list-style-type: none"> • Pest control measure should be taken according to the Pest Warning Department to control the attack of shoot fly in Sorghum & Maize crops 	Sowing of kharif fodder's seed crops should be complete as early as possible.

8	Citrus Research Institute, Sargodha	Citrus	0.45 Million Acre	<p>Plant Pathology Division Symptoms of citrus scab and canker were observed on the fruit of citrus orchard. Incidence of stem end rot has been observed in most of the orchards.</p> <p>Entomology Division Severe attack of white fly, citrus psylla, lemon butterfly and citrus leaf miner was observed on the plants.</p> <p>Weeds Condition Weeding was done where needed.</p>	Satisfactory			<ul style="list-style-type: none"> ● Bifenthrin @ 1 ml/ liter of water is recommended for the control of white fly and citrus psylla ● Abamectin benzoate + delta methrine @ 1 ml per liter of water ● Spray of copper based fungicide is recommended for the control of citrus canker and citrus scab ● For the control of stem end rot systemic fungicide i.e. Nativo or Cabriotop or Topsin M are recommended 	
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"> ● Score @ 1 cc/ lit of water ● Amistar top @ 2cc / lit of water ● Sulpher @ 2.5 gm/ lit of water 	

		Cauliflower		Downy mildew 10 %	Satisfactory			<ul style="list-style-type: none"> Spray the crop thoroughly with ● Amistar top @ 2 CC / lit of water ● Scure @ 1 CC / lit of water ● Kumulus@ 2gm/ lit of water-4 	
		Cotton		CLCuV 17%	Satisfactory			<ul style="list-style-type: none"> ● Farmers are advised to be vigilant about White fly infestation. Take proper measures 	
10	BARI, Chakwal	Groundnut	0.22	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"> ● Add gypsum @ 200kg per acre at the time of flowering ● Use of gypsum can increase pod size and number of pods per plant and also contribute to increase seed quality. Second weeding should be done at the time of flowering to eradicate weeds and facilitate peg penetration for better pod formation ● Weeds should be controlled on time. Better to remove weeds by manual by least disturbing 	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.

								plants or use weedicides for better crop growth and ultimately yield	
		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.