

Weekly Crop Situation Report

24.09.2022 to 30.09.2022

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

								<p>control borer etc attack to the crop</p> <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 wattar 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 wattar conditions 	

		Bitter gourd		Fruit fly & Red pumpkin Myrothecium, Leaf minor, Aphid, Jassid,	Satisfactory			<ul style="list-style-type: none"> • Adopt recommended seed production technology • Keep clean the field from weeds • Irrigate the field according to climatic conditions and keep the field in watar conditions 	
3	Oilseed Research Institute, Faisalabad	Soybean		Pests: Nil Disease: Nil Weeds: Nil	Satisfactory			<ul style="list-style-type: none"> • Third irrigation should be provided at pod formation stage and fourth irrigation should be provided at seed setting stage (if necessary) • Spray spinetoram @ 80 ml/acre to manage armyworm or pod borer infestation 	
4	Horticulture Research Institute, Faisalabad	Guava	0.139	Infestation of weeds were recorded	Satisfactory			<ul style="list-style-type: none"> • Remove all dropped damaged fruits from plant and soil and bury them deep in soil to avoid proliferation of fruit fly in coming season 	

		Date Palm	0.014 8	Control RPW through injection / microfusion or hang pheromone traps palms.	Good			<ul style="list-style-type: none"> ● Drain extra water from the field after rainfalls ● Do earthen up around stems 	
		Ber	0.013 5	Apply Protein Hydrolysate pheromone traps against fruit fly.				<ul style="list-style-type: none"> ● Apply additional doze of NPK to heavy bearing plants ● Continue grafting of rootstock with selected scion varieties ● Eradicate weeds by hoeing or rotavation and clean basin under plants 	
5	Agronomic Research Institute, Faisalabad	Cotton			Normal	33.0 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 42.0 mm (Karor, Layyah) 00.0 mm (Bahawalpur)	33.8 /23.8 °C (Faisalabad) 35.0/24.14 °C (Farooqabad) 37.7°C/23.54°C (Khanewal) 35.7/23.4°C (Karor, Layyah) 38.00/25.0°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 Ashiq (Senior Scientist) of this institute.
		Sugarcane						<ul style="list-style-type: none"> ● Irrigation keeping in view of weather conditions. Rainfall has positive effect on the growth of crop. Remove 	

							<ul style="list-style-type: none"> perennial weeds manually from sugarcane fields • Pest scouting on regular basis • Availability of recommended varieties for September sown crop. Land preparation for Sept. crop 	<p>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.</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 	<p>Store wheat crop at moisture level less than 10%. Check weather forecast before harvesting/threshing of wheat.</p>
		Sesame			Normal		<ul style="list-style-type: none"> • Harvesting of sesame is completed 	<p>Co-ordination with extension staff.</p>
6	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 00-.1.75% Pyrilla 00-1.40 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.70	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 0-5 per leaf Thrips 0-3 per leaf Jassid 0-0.25 American Nil Bollworm				

				Pink Bollworm Nil Dusky Cotton Bug Nil					
		Mango		Nil 00-0.80 nymph or adult/ branch					
		Citrus		0-3.10 % infestation 00-0.35 per leaf 00-2.00 % 0-0.40 per leaf					
		Guava		00-6.70 % infestation 00-13/trap/week 0-0.41 %					
		Vegetables		00-5.85% Below ETL Below ETL In patches Below ETL 00-5.35 % 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"> Measures should be taken according to the recommendations of Pest Warning Department to control the fall army warm 	Farmers should be vigilant about the infestation of weeds
8	Citrus Research Institute, Sargodha	Citrus	0.45 Millio n Acre	Plant Pathology Division Symptoms of canker were observed on the	Satisfactory			<ul style="list-style-type: none"> Infested dropped fruits may be discarded and buried in the soil 	

				<p>fruit of citrus orchard. Incidence of fruit drop (stem end rot) has been observed in the orchards.</p> <p>Entomology Division Severe attack of citrus leaf miner and fruit fly was observed on the plants.</p> <p>Weeds Condition Weeding was done where needed.</p>				<ul style="list-style-type: none"> ● Installation of Pheromone traps (8-10/ acre) Abamectin benzoate + delta methrine @ 1 ml per liter of water - is recommended to control citrus leaf miner ● Spray of copper based fungicide is recommended for the control of citrus canker ● For the control of fruit drop (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			<p>Spray the crop thoroughly with</p> <ul style="list-style-type: none"> ● Amistar top @ 2 CC / lit of water ● Scure @ 1 CC / lit of water 	

								<ul style="list-style-type: none"> ● 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 ● Weeds should be controlled on time ● Visit the fields occasionally, when leaves of the plants start drying, examine the plants by digging out if more than 70-80% pods get matured then harvesting should started 	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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