Weekly Crop Situation Report

08.01.2022 to 14.01.2022

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 (1st estimate, Crop reporting services 2021-22)	Stem borer, Whip Smut in plant crop and Weed infestation in neglected fields.				● Chemical and cultural practices of weed control should be adopted ● Irrigate the September planted sugarcane according to crop requirement and weather forecast ● Stop irrigation one month before harvesting ● Harvest the crop at ground level/one inch below to avoid Larvae attack ● Cover the harvested crop and supply it to Sugar Mills as early as possible to minimize the staling losses ● Spray of bifenthirn or lamada @ 250-400ml respectively should be sprayed in case of attack of black	Frequent feedback received from the farmers

								bugs especially on ratoon crop ● Use recommended insecticide to control borer etc attack to the crop ● Use Chloripyriphose @ 1.5 L/acre to control sugarcane pyrilla ● Use Zinc Phosphide as bait to check rodents attack in lodged crop	
2	Vegetable Research Institute, Faisalabad	Spinach		Leaf Blight & Army worm	Satisfactory			● Judicious use of fertilizers for better production of fresh crop ● Irrigate the field as per atmospheric conditions ● Spray against insects, pests and diseases ● Weeds must be eradicated to minimize plant weed competition ● Save the crop from frost in growing areas	
		Bitter gourd		Myrothecium, Leaf minor, Downy Mildew and viral diseases	Satisfactory			● Judicious use of fertilizers for better production ● Keep clean the field from weeds	Maturity of crop is increasing that may impact on

								● Irrigate the crop as per climatic conditions ● Adopt recommended seed production technology ● Spray against insects, pests and diseases ● Save the crop from frost in growing areas	fresh production of crop.
		Radish		Medium	Satisfactory			● Use of certified seed with recommended seed rate ● Treatment of seed with fungicide for eradication of soil borne diseases ● Complete radish steckling for better seed production ● Adopt recommended seed production technology ● Remove extra rainy water from field ● Proper utilization of fertilizers to better production ● Spray against insects and pests	

								● Spray against pre and post emergence weeds	
		Turnip		Medium	Satisfactory			● Use of certified seed with recommended seed rate ● Complete turnip steckling for better seed production ● Adopt recommended seed production technology ● Remove extra rainy water from field ● Proper utilization of fertilizers to better production ● Spray against insects and pests ● Spray against pre and post emergence weeds	
		Cauliflower		Medium to high	Satisfactory			● Efficient seed bed preparation ● Use of certified seed with recommended seed rate ● Treatment of seed with fungicide for eradication of soil borne diseases	Bolting of crop is increasing that may impact on fresh production of crop.

								● Proper utilization of fertilizers to better production ● Spray against insects and pests ● Spray against pre and post emergence weeds ● Save the crop from frost in growing areas	
		Cabbage		Medium to high	Satisfactory			● Meticulous seed bed preparation ● Use of certified seed with recommended seed rate ● Treatment of seed with fungicide for eradication of soil borne diseases ● Proper utilization of fertilizers to better production ● Spray against insects and pests ● Spray against pre and post emergence weeds ● Save the crop from frost in growing areas	
		Carrot			Satisfactory			● Balance use of fertilizers during seed bed preparation	Start of sowing of carrot steckling for

								● Use of certified seed for good production ● Complete radish steckling for better seed production ● Adopt recommended seed production technology ● Spray against pre emergence as well as post emergence weeds ● Save the crop from frost in growing areas	early seed production.
		Coriander		Cutworm, Jassid and White fly	Satisfactory			● Judicious use of fertilizers for better crop growth and development ● Complete thinning of the off type plants in crop sowing ● Complete the sowing of crop with no more delay ● Keep the field weed free ● Spray against pests and diseases if any ● Save the crop from frost in growing areas	

3	Pulses Research Institute, Faisalabad	**Chickpea & lentil)**						**Rabi Crop:** (Chickpea & lentil) ● Eradicate the weeds from fields at an early stage. Use of rotary is suitable method in Thall region to eradicate weeds ● Termite infested soils may be treated with proper insecticides in irrigated areas ● During the week different areas of the province received rainfall which will improve the overall condition of the crop. However farmers especially in Rawalpindi Division should remain vigilant about the weather conditions ● In case of repeated rain splashes in chickpea area the disease Ascochyta Blight of Chickpea may appear. In case disease infestation observed, uproot	

								the infected plant and buried them deep in the soil	
4	Agronomic Research Institute, Faisalabad	Sugarcane			Satisfactory	18.6 mm (Faisalabad) 35.6 mm (Farooqabad, S.Pura) 15.0 mm (Khanewal) 12.5 mm (Karor, Layyah) 0.0 mm (Bahawalpur)	17.3 /6.7 °C (Faisalabad) 17.28/6.57 °C (Farooqabad) 17.9/5.64 ˚C (Khanewal) 18.2 /6.4 °C (Karor, Layyah) 15.00/5.0 °C (Bahawalpur)	● Irrigate the crop as per the need ● Use appropriate insecticide for the control of root borer	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. His contact number is 0300-76 57 249. Fertilizer management should be based on soil fertility status and irrigation of
		Wheat						● Weeds rob the crop plants of many nutrients, moisture, sunlight and space; thus their effective and timely control is indispensable ● Use only the recommended weedicides and methods of spray to control weeds. Complete production plan can be assessed at http://dai.agripunjab.gov.pk/	

									crops should be based on weather forecast. Pest scouting may be done where necessary and coordinate the Agri. extension staff.
5	Entomological Research Institute, Faisalabad	Sugarcane		Borers Complex 0-0.6% Pyrilla 0-0.15 per leaf Mealybug Nil Whitefly Nil Black bug 0-0.2	In the current situation, fruit borer and fruit fly are present on guava			● Creating awareness among farmers about major insect pests problem and suggested integrated approach for controlling insect pests	
		Cotton		Crop terminated					
		Wheat		Crop sown					
		Mango		Mango Fruit Fly Nil Mango Hopper 0-0.20 nymph or adult/ branch					
		Citrus		Fruit Fly 0-2.75 % Psylla0-0.5 per Leafminer 0-1.75% Black Fly 0-0.2 per leaf					

		Guava		Fruit Fly 0-5.45% infestation 0-6/trap/week Fruit Borer 0-0.25 %					
		Vegetables		Brinjal fruit borer 0-4.5% Thrips Below ETL Mites Above ETL Armyworm In patches Cucurbit sucking insects Below ETL Fruit Fly 0-4.7% Jassid 0-0.10 per leaf					
		Rice		Plant Hopper Nil					
		Maize		Stem borer Nil					
6	Fodder Research Institute, Sargodha	Rabi Fodder		Attack of stem rot is being observed in Alfalfa crop.	Good			● After the rain there is high humidity in filed, which is very conducive for disease incidence in Berseem and Alfalfa. To avoid the disease incidence farmers should take the fodder cut as early as possible	
7	Citrus Research	Citrus		**Plant Pathology Division**				● Regular pest monitoring should be done	

	Institute, Sargodha			Some symptoms of citrus scab and citrus canker diseases observed on fruit and leaves of citrus orchard respectively. **Entomology Division** There was also miner infestation of citrus red scales in orchards. Moreover, emergence of mealy bug nymphs is also expected in coming weeks. **Weeds Condition** Weeding practice was done where necessary.				● To remove scales from fruit washing and waxing of fruits before consumption is recommended for citrus fruits ● Regular monitoring of mealy bug infestation is also important ● Spray of copper based fungicide like copper hydroxide @ 2.5 gm/ liter of water for the control of citrus canker and scab is recommended	
8	BARI, Chakwal	Groundnut		Hairy caterpillar attack was observed in some areas, which was controlled by spraying insecticides. Weeds infestation was also a serious	Good			● Harvesting of the crop has been completed. Then dried pods should be separated from immature, empty and damaged pods to keep quality produce. Store the pods in cloth or	Agricultural Experts should be consulted for the control of insects & diseases. Farmers can contact on Mobile

				problem, which was eradicated manually and by spraying weedicides.				gunny bags for longer storage. Stored the dried pods in gunny bags for longer duration at ventilated place	phone No. 03345622125 (Fida Hassan Shah) for the production technology and problems of Groundnut crop.
		Olive			Satisfactory			● Pruning of Olive orchards ● After pruning apply well rotten FYM ● Remove suckers from the trunk base of all trees ● Remove weeds from the plant basin	