

Weekly Crop Situation Report

11.03.2023 to 17.03.2023

| Sr # | Institute | Crop | Sowing Area | Pest/Disease/Weeds Infestation | Overall condition of crop | Rainfall mm | Temp.°C | Advisory to farmers | Additional remarks |
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| 1 | Sugarcane Research Institute, Faisalabad | Sugarcane | 938 (000) ha (2 nd 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"> ● Complete the sugarcane spring plantation ● Chemical and cultural practices of weed control should be adopted ● Irrigate the Autumn planted sugarcane according to crop requirement and weather forecast ● Spray of bifenthrin or lamada @ 250-400ml respectively should be sprayed in case of attack of black 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 | Frequent feedback received from the farmers |

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| | | | | | | | | <p>rodents attack in lodged crop</p> <ul style="list-style-type: none"> ● 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 | |
| 2 | Vegetable Research Institute, Faisalabad | Spinach | | Leaf Blight & Army worm | Satisfactory | | | <ul style="list-style-type: none"> ● 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 | |
| | | Carrot | | | Satisfactory | | | <ul style="list-style-type: none"> ● Balance use of fertilizers during seedbed preparation ● Complete radish steckling for better seed production ● Adopt recommended seed | |

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| | | | | | | | | production technology • Proper irrigation to save the crop from frost effects • Spray against pre emergence as well as post emergence weeds | |
| | | Cabbage | | Medium to high | Satisfactory | | | • Meticulous seed bed preparation • Proper utilization of fertilizers to better production • Proper roughing of off type plants for better seed production • Spray against insects and pests • Spray against pre and post emergence weeds • Proper irrigation to save the crop from frost effects | |
| | | Cauliflower | | Medium to high | Satisfactory | | | • Efficient seed bed preparation • Proper utilization of fertilizers to better production • Proper roughing of off type plants for better seed production • Spray against insects and pests | |

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| | | | | | | | | <ul style="list-style-type: none"> • Spray against pre and post emergence weeds • Proper irrigation to save the crop from frost effects | |
| 3 | Oilseed Research Institute, Faisalabad | Sunflower | | Pests: Nil Disease: Nil Weeds: Nil | Satisfactory | | | <ul style="list-style-type: none"> • Provide irrigation and half bag Urea at flowering stage (Crop sown in December) • Remove excessive plants when plants are at 4-leaf stage and maintain distance 9 inches between plants before irrigation after 20 days of germination • Second irrigation should be provided after 20 days of first irrigation | |
| | | Brassica | | Pests: Nil Disease: Nil Weeds: Nil | | | | <ul style="list-style-type: none"> • Harvest the crop when 70 % siliques turn brown • Properly store the produce after harvesting at optimum moisture content less than 10% | |
| 4 | Horticulture Research Institute, Faisalabad | Guava | 0.129 | Infestation of weeds were recorded | Satisfactory | | | <ul style="list-style-type: none"> • | |

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| | | Date Palm | 0.0147 | Attack of termites, scales | Satisfactor y | | | <ul style="list-style-type: none"> ● Earthing up around stems of 2-5 years old plant ● Protect newly planted suckers form termites, scales and root rot | |
| | | Ber | 0.0135 | Infestation of weeds was observed. | | | | <ul style="list-style-type: none"> ● To save from frost, apply light irrigation to Ber plants | |
| 5 | Agronomic Research Institute, Faisalabad | Sugarcane | | | Normal | | | <ul style="list-style-type: none"> ● Harvest lodged and damaged crop first ● Stop irrigation about 20-25 days before harvesting. Harvest crop at 2-3 cm height from surface. Irrigation keeping in view of weather conditions and to avoid frost stress. Apply irrigation to ratoon crop with nitrogenous fertilizer to initiate sprouting | 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. Harvesting and |
| | | Maize | | | | | <ul style="list-style-type: none"> ● Use recommended varieties for spring maize and sowing | | |
| | | Canola & raya | | | Normal | | <ul style="list-style-type: none"> ● Regular pest scouting. The | | |

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| | | | | | | | | temperature is rising so there is possibility of aphid attack. So apply suitable insecticide for control of aphid. Frost affected pollination and seed setting in brassica | 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. |
| 6 | Entomological Research Institute, Faisalabad | Sugarcane | Borers Complex 00-0.70% Pyrilla 00-.65 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.10 | 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 Thrips Jassid American Bollworm Pink Bollworm Dusky Cotton Bug Crop terminated | | | | | | |

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| | | Mango | | Nil 00-0.20 nymph or adult/ branch | | | | | |
| | | Citrus | | Fruit Fly 0-2.80 % infestation Psylla 00-0.15 per leaf Leaf miner 00-1.90 % Black Fly 0-0.20per leaf | | | | | |
| | | Guava | | Fruit Fly 00-5.50 % infestation 00-05/trap/week 0-0..25 % | | | | | |
| | | Vegetables | | 00-4.50% Below ETL Below ETL In patches Below ETL 00- 4.00 % 00 – 0.10per leaf | | | | | |
| | | Rice | | Nil | | | | | |
| | | Maize | | Nil | | | | | |
| 7 | Fodder Research Institute, Sargodha | | | Attack of shoot fly was observed in maize crop. Attack of leaf miner was observed in berseem crop. | Good | | | | <ul style="list-style-type: none"> ● To control the attack of shoot fly in maize crop, apply insecticide according to the recommendation of Agri. Department |
| 8 | Citrus Research Institute, Sargodha | Citrus | 0.45 Milli on Acre | Plant Pathology Division Entomology Division There were symptoms of | Satisfactor y | | | | <ul style="list-style-type: none"> ● Bordeaux pasting of pruned branches is recommended ● For the control of Aphid and |

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| | | | | <p>fungal diseases i.e. Gummosis, shoot blight. Dried branches were pruned.</p> <p>Entomology Division Aphid, Mealybug and leaf miner were observed on the citrus plants</p> <p>Weeds Condition Weeding was done where needed.</p> | | | | <p>citrus leaf miner Bifenthrin is recommended @ 1 ml/ liter of water</p> | |
| 9 | PPRI, Faisalabad | Spinach | | <p><i>Stemphylium</i> blight Upto 07%</p> | Satisfactory | | | <ul style="list-style-type: none"> ● spray the crop after cutting with: ● Topsin-M @2gm/liter of water ● Cytrol @ 2gm/liter of water | |
| 10 | BARI, Chakwal | Groundnut | 0.22 | <p>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.</p> | Satisfactory | | | <ul style="list-style-type: none"> ● Start land preparation and seed for sowing of crop in coming season ● Select sandy soil to grow groundnut for better yield. Tillage practices should perform three to four time prior to sowing the crop. First tillage should be done during February. Deep | <p>Agricultural Experts should be consulted for the control of insects & diseases. Farmers can contact on Mobile phone No. 03345622125 (Fida Hassan</p> |

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| | | | | | | | | ploughing should be done as first tillage so that maximum rain water may be preserved in the soil | 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. |