

Weekly Crop Situation Report

12.11.2022 to 18.11.2022

| 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 | 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 Autumn and Spring planted sugarcane according to crop requirement and weather forecast ● Chemical and cultural control of weed practices should be adopted ● 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 | Frequent feedback received from the farmers |

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| | | | | | | | | <ul style="list-style-type: none"> ● Use Zinc Phosphide as bait to check rodents attack in lodged crop ● Rouge out diseased/ smut plants from the field ratoon crop ● Stop irrigation one month prior to harvesting of sugarcane crop | |
| 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 ● Keep the field in watter conditions | |
| | | Radish | | Medium | Satisfactory | | | <ul style="list-style-type: none"> ● Meticulous seed bed preparation ● Use of certified seed with recommended seed rate ● Treatment of seed with fungicide for eradication of soil borne diseases | |

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| | | | | | | | <ul style="list-style-type: none"> • Proper utilization of fertilizers to better production • Spray against insects and pests • Spray against pre and post emergence weeds | |
| | Bitter gourd | | Fruit fly & Red pumpkin Myrothecium, Leaf minor, Aphid, Jassid, | Satisfactory | | | <ul style="list-style-type: none"> • Judicious use of fertilizers for better production • Keep clean the field from weeds • Keep clean the field from weeds and virus infected plant • Maintain proper irrigation at flowering and fruit development stages | |
| | Cauliflower | | Medium to high | Satisfactory | | | <ul style="list-style-type: none"> • 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 | |

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| | | | | | | | | <ul style="list-style-type: none"> ● Spray against pre and post emergence weeds | |
| 3 | Oilseed Research Institute, Faisalabad | Soybean | | Pests: Nil Disease: Nil Weeds: Nil | Satisfactory | | | <ul style="list-style-type: none"> ● Do not spray 15 days before harvesting the crop ● Harvesting should be done when most of the leaves have been dropped and the moisture content has been dropped below 15% | |
| 4 | Horticulture Research Institute, Faisalabad | Guava | 0.129 | Infestation of weeds were recorded | Satisfactory | | | <ul style="list-style-type: none"> ● Orchard sanitation i.e. collection and disposal of drop/damage fruit to control fruit fly | |
| | | Date Palm | 0.0147 | Attack of termites, scales | Satisfactory | | | <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 ● Apply regular irrigation to suckers to develop roots for better survival | |
| | | Ber | 0.0135 | . Visits of fruit fly to attack mid varieties i.e. Umran, Pak White & mahmoodia are being observed. | | | | <ul style="list-style-type: none"> ● Integrated pest management against fruit fly and weed | |

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| 5 | Agronomic Research Institute, Faisalabad | Cotton | | | Normal | 0.0 mm (Faisalabad) 0.0 mm (Farooqabad, S.Pura) 0.0 mm (Khanewal) 0.0 mm (Karor, Layyah) 0.0 mm (Bahawalpur) | 30.3 /16.6 °C (Faisalabad) 31.42°C/18 °C (Farooqabad) 28.85/15.41°C (Khanewal) 27.6/15.9°C (Karor, Layyah) 29.0/13.0°C (Bahawalpur) | <ul style="list-style-type: none"> ● Clean cotton picking without moisture. Avoid trash contents during cotton picking | 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 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/thre |
| | | Sugarcane | | | | | | <ul style="list-style-type: none"> ● Irrigation keeping in view of weather conditions. Remove perennial weeds manually from sugarcane fields. Apply balanced fertilizer. Pest scouting on regular basis | |
| | | Canola & raya | | | Normal | | | <ul style="list-style-type: none"> ● Apply balanced fertilizer and irrigation | |

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| 6 | Entomological Research Institute, Faisalabad | Sugarcane | | Borers Complex 00-1.30% Pyrilla 00-1.10 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.25 | 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 | | | | |
| | | Mango | | Nil 00-0.30 nymph or adult/ branch | | | | |
| | | Citrus | | Fruit Fly 0-3.30 % infestation Psylla 00-0.20 per leaf Leafminer 00-2.00 % Black Fly 0-0.20per leaf | | | | |
| | | Guava | | Fruit Fly 00-6.45 % infestation 00-10/trap/week 0-0.37 % | | | | |
| | | Vegetables | | 00-5.50% Below ETL Below ETL | | | | |

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| | | | | In patches Below ETL 00-5.00 % 00 – 0.10per leaf | | | | | | |
| | | Rice | | Nil | | | | | | |
| | | Maize | | Nil | | | | | | |
| 7 | Fodder Research Institute, Sargodha | | | | Good | | | | <ul style="list-style-type: none"> ● Avoid over irrigation to prevent fungal disease in berseem crop | Sowing of Rabi fodder crops should be completed as early as possible. |
| 8 | Citrus Research Institute, Sargodha | Citrus | 0.45 Millio n Acre | <p>Plant Pathology Division Entomology Division</p> <p>Stem end rot disease of citrus fruit (Kinnow) was found. Symptoms of citrus melanose and scab were observed on the fruit of citrus. Citrus canker was found on nursery plants.</p> <p>Weeds Condition</p> <p>Severe attack of fruit fly, and citrus leaf minor</p> | Satisfactory | | | | <ul style="list-style-type: none"> ● Spinosid bait spray @ 1 meter m 2 of citrus trees on all sides of orchard to control fruit fly ● Installed methyl eugenol pheromones traps @ 8-10 per acre ● To control mite, spray of Spirotetramat @ 1 ml / liter water is recommended ● Spray of copper based fungicide is recommended for the control of citrus canker ● For the control of stem end rot systematic drop (stem end rot) | |

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| | | | | <p>was observed on the plants. Miner fruit drop was observed. Adults of lemon butterfly were also observed. Fallen fruit was discarded and buried in the soil Neuropteran parasitoid against sucking insect pest of citrus was also observed. Weeds Condition Weeding was done where needed.</p> | | | | <p>systemic fungicide i.e. Nativo or Cabriotop or Topsin M are recommended</p> | |
| 9 | PPRI, Faisalabad | Tomato | | Grey mold | 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 | 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 | |

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| | | | | | | | | <ul style="list-style-type: none"> ● Kumulus@ 2gm/ lit of water-4 | |
| | | Cotton | | CLCuV | 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"> ● Harvesting of the crop completed. After harvesting the groundnut sundry the pods in field or clean floors to avoid pod damage. Then dried pods should be separated from immature, empty and damaged pods to keep quality produce. Store the pods in cloth or gunny bags for longer storage. Stored the dried pods in gunny bags for longer duration at ventilated place. | 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 |

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