

Weekly Crop Situation Report

15.10.2022 to 21.10.2022

| 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"> ● Complete sugarcane autumn plantation at earliest ● Use fresh and healthy/disease free seed for sugarcane plantation ● Chemical and cultural practices of weed control should be adopted ● Irrigate the Autumn and Spring 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 @ | Frequent feedback received from the farmers |

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| | | | | | | | | 1.5 L/acre to control sugarcane pyrilla ● Use Zinc Phosphide as bait to check rodents attack in lodged crop ● Rouge out diseased/ smut plants from the field ratoon crop | |
| 2 | Vegetable Research Institute, Faisalabad | Spinach | | Leaf Blight & Army worm | Satisfactory | | | ● 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 | |
| | | Radish | | Medium | Satisfactory | | | ● 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 | | | <p>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.</p> <ul style="list-style-type: none"> • Spray against pre and post emergence weeds | |

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| 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"> • Make necessary arrangements for plants pruning • Apply nitrogenous fertilizer to boost vegetative growth that will help to get good winter crop | |
| | | Date Palm | 0.0148 | Control RPW through injection / microfusion or hang pheromone traps palms. | Good | | | <ul style="list-style-type: none"> • Complete harvesting of fruit from late varieties to convert into Tamar and Chohara • Make Chohara from Khalal of late varieties to avoid losses from rainfalls | |
| | | Ber | 0.0135 | Apply Protein Hydrolysate pheromone traps against fruit fly. | | | | <ul style="list-style-type: none"> • Apply Protein Hydrolysate pheromone traps against fruit fly | |

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| | | | | | | | | <ul style="list-style-type: none"> ● Spray copper-based fungicide ● against Alternaria disease ● Eradicate weeds by hoeing or rotavation | |
| 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) | 34.7 /18.2 °C (Faisalabad) 31.71°C/21.42°C (Farooqabad) 35.57/16.71°C (Khanewal) 33.7/17.1°C (Karor, Layyah) 34.00/17.0°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. |
| | | Sugarcane | | | | | | <ul style="list-style-type: none"> ● Irrigation keeping in view of weather conditions. Rainfall has positive effect on the growth of crop. Remove perennial weeds manually from sugarcane fields ● Pest scouting on regular basis ● Availability of recommended varieties for September sown crop. Land preparation for Sept. crop | |

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| | | Canola & raya | | | Normal | | | <ul style="list-style-type: none"> Land preparation and Use recommended varieties | 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-.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 Negligible Thrips Negligible Jassid Negligible American Bollworm Nil Pink Bollworm 0-1.5% Dusky Cotton Bug Nil | | | | | |
| | | Mango | | Nil 00-0.80 nymph or adult/ branch | | | | | |
| | | Citrus | | 0-3.25 % infestation 00-0.30 per leaf 00-2.00 % 0-0.35 per leaf | | | | | |

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| | | Guava | | 00-6.90 % infestation 00-14/trap/week 0-0.45 % | | | | | |
| | | Vegetables | | 00-5.95% Below ETL Below ETL In patches Below ETL 00-5.45 % 00 – 0.20per leaf | | | | | |
| | | Rice | | Nil | | | | | |
| | | Maize | | Nil | | | | | |
| 7 | Fodder Research Institute, Sargodha | | | Attack of fall army worm was observed in Maize and Sorghum crops. | 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 <p>It is optimum time for the sowing of berseem crop.</p> |
| 8 | Citrus Research Institute, Sargodha | Citrus | 0.45 Million Acre | Plant Pathology Division Symptoms of citrus melanose, scab and anthracnose were observed on the fruit of citrus. Incidence of fruit drop (stem end rot) has been observed in most of the orchards. Citrus canker was found on nursery plants as | Satisfactory | | | | <ul style="list-style-type: none"> Bifenthrin @ 1 ml/ liter of water is recommended for the control of whitefly 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 |

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| | | | <p>well as on citrus fruit.</p> <p>Entomology Division</p> <p>Weeds</p> <p>Condition</p> <p>Severe attack of fruit fly, and citrus leaf minor was observed on the plants.</p> <p>Mild to severe fruit drop was observed</p> <p>Mite attack was also observed.</p> <p>Fallen fruit was discarded and buried in the soil</p> <p>Weeds</p> <p>Condition</p> <p>Weeding was done where needed.</p> | | | | <p>Spirotetramat @ 1 ml / liter water is recommended</p> <ul style="list-style-type: none"> • 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) 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 | |

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| | | | | | | | | <ul style="list-style-type: none"> ● 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"> ● 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. For April sowing it is the best time of harvesting of groundnut crop ● Keep the field protected from wild animals and other farm animals to avoid crop damage | 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 |

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