

Weekly Crop Situation Report

10.09.2022 to 16.09.2022

| 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 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 |

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| | | | | | | | | control borer etc attack to the crop <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 watar 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 watar conditions | |
| | | Bitter gourd | | Fruit fly & Red pumpkin | Satisfactory | | | <ul style="list-style-type: none"> ● Adopt recommended seed | |

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| | | | | Myrothecium, Leaf minor, Aphid, Jassid, | | | | production technology ● Keep clean the field from weeds ● Irrigate the field according to climatic conditions and keep the field in wattar conditions | |
| 3 | Oilseed Research Institute, Faisalabad | Sesame | | Pests: Nil Disease: Nil Weeds: Nil | Satisfactory | | | ● Don't spray 15 days before harvesting the crop ● Harvest the crop and make standing heaps for drying and attaining moisture level optimum for threshing | |
| 4 | Horticulture Research Institute, Faisalabad | Guava | 0.139 | Infestation of weeds were recorded | Satisfactory | | | ● Focus on orchard floor sanitation ● 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 | | | ● Complete harvesting of fruit from late varieties to convert into Tamar and Chohara ● Make Chohara from Khalal of late | |

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| | | | | | | | | varieties to avoid losses from rainfalls | |
| | | Ber | 0.0135 | 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 | 0.4 mm (Faisalabad) 00.0 mm (Farooqabad, S.Pura) 01.0 mm (Khanewal) 00.0 mm (Karor, Layyah) 00.0 mm (Bahawalpur) | 36.9 /25.8 °C (Faisalabad) 36.24/24.85 °C (Farooqabad) 37.64°C/26.5°C (Khanewal) 37.9/26.0°C (Karor, Layyah) 40.00/28.0°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. His contact number is 0300-76 57 249. |
| | | 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 | | |

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| | | | | | | | <ul style="list-style-type: none"> • Availability of recommended varieties for September sown crop. Land preparation for Sept. crop | Harvesting and threshing is in progress. Avoid burning of wheat straw to overcome smog problem. |
| | | 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 | Store wheat crop at moisture level less than 10%. Check weather forecast before harvesting/threshing of wheat. |
| | | Sesame | | | Normal | | <ul style="list-style-type: none"> • Proper drainage in sesame crop after rain is very necessary | Co-ordination with extension staff. |
| 6 | Entomological Research Institute, Faisalabad | Sugarcane | | Borers Complex 00-.1.75% Pyrilla 00-1.35 per leaf Mealybug Nil Whitefly Nil Black bug 00-0-0.75 | 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 0-9 per leaf Thrips 0-4 per leaf Jassid 0-0.30 American Nil Bollworm Pink Bollworm Nil Dusky Cotton Bug Nil | | | | |

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| | | Mango | | Nil 00-0.80 nymph or adult/ branch | | | | | |
| | | Citrus | | 0-3.10 % infestation 00-0.30 per leaf 00-2.00 % 0-0.40 per leaf | | | | | |
| | | Guava | | 00-6.70 % infestation 00-13/trap/week 0-0.41 % | | | | | |
| | | Vegetables | | 00-5.75% Below ETL Below ETL In patches Below ETL 00-5.30 % 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"> To control the attack of fall army worm, measures should be taken according to the recommendations of Pest Warning Department | Sowing of kharif fodder's seed crops should be complete as early as possible. |
| 8 | Citrus Research Institute, Sargodha | Citrus | 0.45 Million Acre | Plant Pathology Division Incidence of stem end rot has been observed in most of the orchards. Symptoms of citrus scab and | Satisfactory | | | <ul style="list-style-type: none"> Bifenthrin @ 1 ml/ liter of water is recommended for the control of white fly and citrus leaf minor Diptrex @ 1 ml per 3 liter of water | |

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| | | | <p>canker were observed on the fruit of citrus orchard.</p> <p>Entomology Division</p> <p>Severe attack of white fly, and citrus leaf minor was observed on the plants. While very little incidence of fruit fly attack was observed</p> <p>Weeds Condition</p> <p>Weeding was done where needed.</p> | | | | <ul style="list-style-type: none"> • is recommended to control fruit fly • Spray of copper based fungicide is recommended for the control of citrus canker and citrus scab • For the control of 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 | |

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| | | | | | | | | <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. Second weeding should be done at the time of flowering to eradicate weeds and facilitate peg penetration for better pod formation ● Weeds should be controlled on time. Better to remove weeds by manual by least disturbing plants or use weedicides for better crop growth and ultimately yield | 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. |

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| | | 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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