ARC-Small Grain Suction Trap Aphid Numbers

Brits, Tygerhoek and Winterton

Week 33 - 34
BRITS - Week 34. Trap samples are collected at the beginning of the week and are then sent to a laboratory where the aphids are sorted, identified and counted. All aphids shown in these graphs are able to transmit Barley Yellow dwarf Virus. The sensitive period for the wheat crop in BRITS is indicated by the red line on the x-axis of each graph which is shown in weeks. Aphid numbers above 100 could indicate possible problems for the specific area. Aphid numbers above 180 could indicate possible problems for the specific area, while an illustrative vector pressure of more than 180 could cause serious virus transmission during the wheat growing season.

**Total potential vectors - BRITS 2013-20**

**Illustrative vector pressure BRITS 2013-20**

**Rhopalosiphum padi - Oat aphid - BRITS 2013-20**

**Rhopalosiphum maidis - Maize aphid - BRITS 2013-20**

**Metopolophium dirhodum - Rose grain aphid - BRITS 2013-20**

**Sitobion sp. - English grain aphid - BRITS 2013-20**

**Aphis sp. - feeding on various grasses - BRITS 2013-20**

**Hystorrhoea setariae - Rust plum aphid - BRITS 2014-20**
Riversonderend - Week 34. Trap samples are collected at the beginning of the week and are then sent to a laboratory where the aphids are sorted, identified and counted. All aphids shown in these graphs are able to transmit Barley Yellow Dwarf Virus. Aphid numbers above 100 could indicate possible problems for the specific area, while an illustrative vector pressure of more than 300 could cause serious virus transmission during the wheat growing season.
Trap samples are collected at the beginning of the week and are then sent to a laboratory where the aphids are sorted, identified, and counted. All aphids shown in these graphs are able to transmit Barley Yellow Dwarf Virus. The sensitive period for the wheat crop in Winterton is indicated by the red line on the x-axis of each graph which is shown in weeks. Aphid numbers above 100 could indicate possible problems for the specific area. Aphid numbers above 100 could indicate possible problems for the specific area, while an illustrative vector pressure of more than 100 could cause serious virus transmission during the wheat growing season.

**Total potential vectors - Winterton 2014-20**

**Illustrative vector pressure Winterton 2020**

**Sipha flavve - Sugarcane root aphid - Winterton 2013-20**

**Rhopalosiphum padi - Oat aphid - Winterton 2013-20**

**Rhopalosiphum maidis - Maize aphid - Winterton 2013-20**

**Simulium sp - English grain aphid - Winterton 2013-20**

**Metopolophium dirhodum - Rose grain aphid - Winterton 2013-20**

**Aphis sp - feeding on various grasses - Winterton 2013-20**