

Applaud®

INSECTICIDE

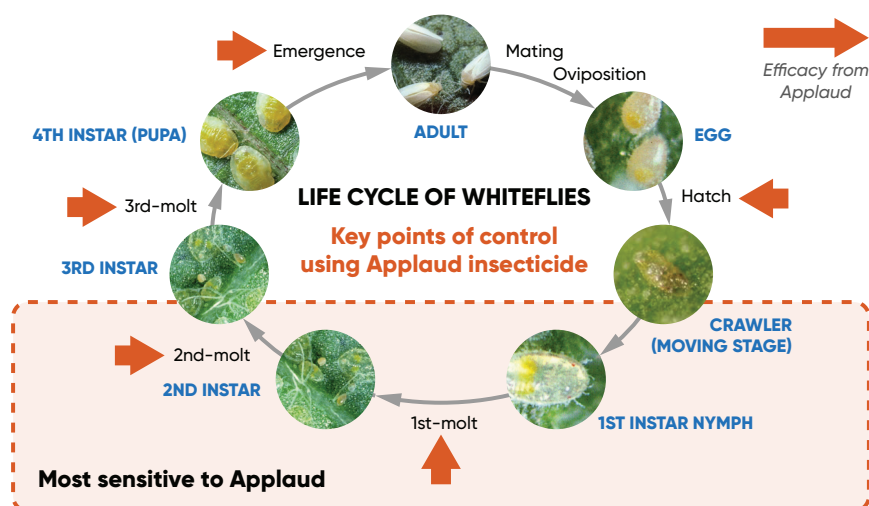
A new option for the control of Silverleaf Whitefly in cotton

Applaud® Insecticide from Corteva™ Agriscience, now has a full label registration for control of Silverleaf Whitefly (SLWF) and Solenopsis mealybug. Applaud is the only buprofezin containing product from this MoA group permitted for use on cotton.

Applaud is a group 16 insect growth regulator insecticide, which is effective on Silverleaf whitefly, mealybug, scales, and hoppers.

Recent SLWF resistance work conducted by the Queensland Government, Department of Agriculture and Fisheries (QDAF), led by Dr Jamie Hopkinson, demonstrates no existing resistance to Applaud in cotton growing areas and no cross resistance to the known pyriproxyfen (Admiral™) resistant populations, which makes it an excellent alternative to help manage insecticide resistance.

Applaud has activity on a variety of insect growth stages as identified by the arrows in the table below. Whilst we see the highest efficacy on crawler to 3rd instar whitefly, its action on almost every growth stage of SLWF gives it an edge over competitors allowing for a rapid reduction in populations.



Dr Jamie Hopkinson conducted field trial work to assess the relative performance of Applaud against comparable SLFW products. As seen in the graph to the right, nymph populations in Admiral™ treated plots continue to increase up to 2 weeks after application, where in contrast Applaud was fast acting, reducing the population of viable late instar nymphs within a week. This as well as excellent residual control will provide peace of mind for IPM friendly SLWF control.

Field evaluation for control of Silver Leaf Whitefly (*Bemisia tabaci*)

