



Gaucho –aphid control in canola

Aphids and virus

Gaucho is registered for the control of aphids in canola. Through direct feeding damage and virus transmission, aphids are known to cause substantial economic yield loss.

The three main species that are commonly found in canola are;

- Turnip aphid (*Lipaphis pseudobrassicae*)
- Cabbage aphid (*Brevicoryne brassicae*)
- Green peach aphid (*Myzus persicae*)

Field trials have shown that **Gaucho** will reduce aphid infestation and protect canola seedlings from early season aphid damage (Figures 3 and 4).

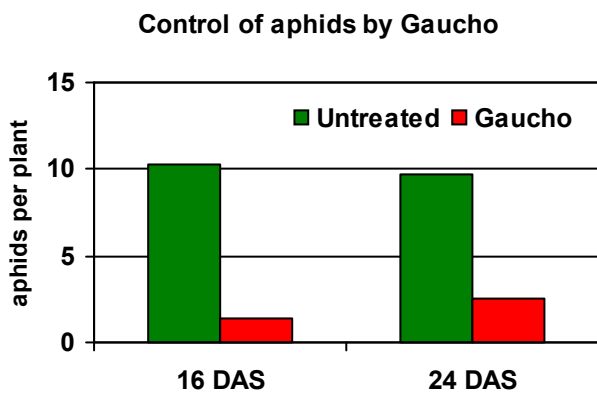


Figure 4: Control of aphids by Gaucho at 16 and 24 DAS (JES 700).

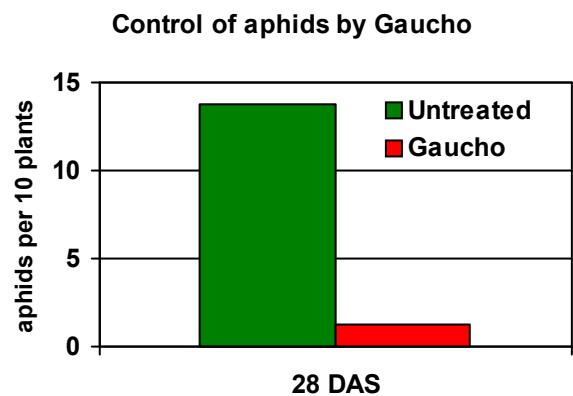


Figure 4: Control of aphids by Gaucho at 28 DAS (NW02).

A range of aphid species transmit viruses including beet western yellows virus (BWYV), cauliflower mosaic virus and turnip mosaic virus in canola. Studies have show that providing an effective control of aphids will reduce the transmission of viruses.

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In trials VA01 and VA02 (Figures 5 and 6), **Gaucho** gave near complete control of a low infestation of aphids. In each trial there was a reduction in the level of BWYV detected in the canola from 16% to 4% (VA01) and from 15% to 1% (VA02) where **Gaucho** was applied. **Figure 5:** Control of aphids 42, 47, 54 and 61 DAS (VA01). Level of BWYV in untreated was 16%.

Simply ask for your seed to be pre-treated with **Gaucho** - advanced insect pest protection for canola.

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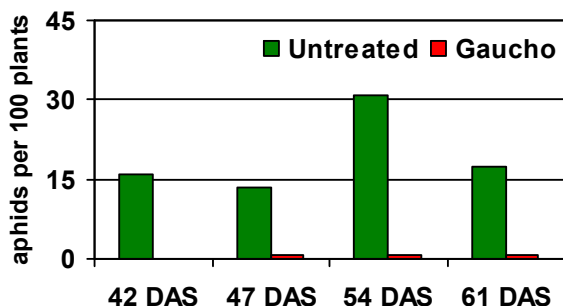


Figure 5: Control of aphids 42, 47, 54 and 61 DAS (VA01). Level of BWYV in untreated was 16%.

Control of aphids by Gaucho

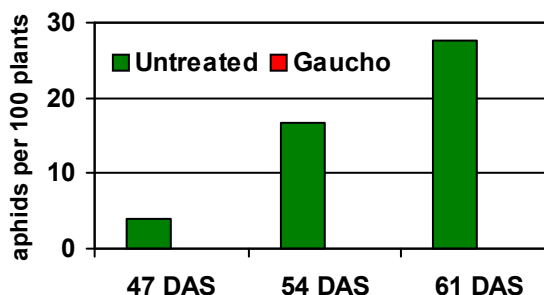


Figure 6: Control of aphids 47, 54 and 61 DAS (VA02). Level of BWYV in the untreated was 15%.

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