



# SUPERIOR INSECT PROTECTION IN COTTON & BEAN\* CROPS



**Proven  
performance for  
over a decade.**

**Powerful  
systemic action**

**Kills the  
tough pests**

**Shield is a highly systemic and effective insecticide controlling key sucking pests.**

- Highly effective and economical
- Stops insects from feeding immediately
- Acts through both ingestion and direct contact
- High and low-rate flexibility – higher rates for heavy infestations and longer control
- Shield contains 200 g/L clothianidin, a Group 4A insecticide

## Directions For Use: Cotton

Crop	Pest	Rate
Cotton	Cotton aphid, Green mirid, Jassids, Green Vegetable bug	125 - 250 mL/ha plus MAXX Organosilicone Surfactant™ at 2mL/L of water

## Guidelines for Cotton:

- **Aphids:** Apply when aphid numbers are low but starting to build. For example, before there are more than 2 leaves per plant with honeydew.
- **Mirids, Jassids, Green Vegetable Bug:** Apply a maximum two (2) foliar treatments per crop with a minimum re-treatment interval of 7 days between consecutive applications.
- **For all Insect Pests:** Use the higher rate when heavy infestation is expected and longer control is required. Treated insects may still be on the plant 2 or 3 days after application but will have stopped feeding.

## Directions For Use: Bean crop permit

Crop	Pest / Disease	Rate
Mung beans, Navy beans	Redbanded shield bug ( <i>Piezodorus oceanicus</i> )	125-375 mL/ha Plus MAXX Organosilicone Surfactant™ at 2 mL/L of water
Soybeans, excluding Haymaker variety	Green vegetable bug ( <i>Nezara viridula</i> )	125-250 mL/ha Plus MAXX Organosilicone Surfactant at 2 mL/L of water

\* Shield is approved for control of Green Vegetable Bug and Red Banded Shield bug in Mung beans, Navy beans and Soybeans under APVMA PERMIT NUMBER – PER86221. This permit is in force until 31st October 2024.

### Guidelines for Bean Crops:

- **Mung beans & Navy beans:** Monitor crops and commence applications once local thresholds are reached. Continue to monitor crops.
- **Soybeans:** Commence treatment at early pod fill when crop assessments indicate pest population is at a damaging level. Continue to monitor crops.
- **Apply a maximum two (2) foliar treatments per crop** with a minimum re-treatment interval of 7 days between consecutive applications.
- Use the higher rate when heavy infestation is expected, and longer control is required.

### Important:

- Apply using minimum spray volumes of **100 L/ha for ground** application and **30 L/ha for aerial application**.
- Apply using a **medium spray quality** or coarser.
- **DO NOT** apply to crops when in flower as Shield is toxic to pollinators.

For further information on Shield insecticide or Maxx organosilicone surfactant please contact:

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## MAXX ORGANOSILICONE SURFACTANT™

**Maxx organosilicone surfactant is the proven partner of choice for maximising the efficacy of Shield in cotton and bean crops.**

- Proven in trials to increase Shield efficacy by as much as 25%. Other surfactants including other organosilicones have been proven to be less effective with Shield.
- Efficient wetter/spreader/penetrant activity
- Engineered to efficiently wet the target and increase coverage by spreading and reducing droplet surface tension.
- Always add with Shield at the rate of 2mL/L of spray solution.



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