

MaxGuard®

Fast acting, contact insecticide in a choice of granular and liquid formulations or granular combined with slow release fertiliser

The most advanced weapon in the fight against surface feeding insects

MaxGuard delivers fast acting, contact pyrethroid insecticide for immediate control of problem insects, such as Lawn armyworm, Sod webworm, Argentine stem weevil adults, African black beetle adults*, Billbug adults, Cutworms and Ants, including Stinging ants. MaxGuard is completely safe for use on all turf areas including greens, fairways, sports and amenity turf.

MaxGuard is a cost effective alternative to preventative systemic insecticides that enables you to monitor pest populations, identify a damage threshold and deliver a targeted treatment that works immediately. Always keep MaxGuard handy when emergency treatment is required to act quickly.

Safer to apply

MaxGuard 2G and MaxGuard NPK are not scheduled poisons. With minimal contact when applying the granular formulations, they are safe for users. Additionally, there are no restrictions on transport and storage as MaxGuard products are not classified as dangerous goods.

Smarter chemistry

MaxGuard uses an advanced pyrethroid chemistry that is uniquely light stable. This provides significantly longer residual control (dependant on application rate) than conventional pyrethroids. MaxGuard is very effective even at low application rates.

*MaxGuard 2G and 80SC only



Flexible delivery

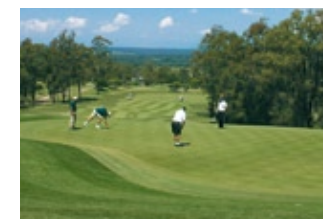
The tables opposite provide a guide to using MaxGuard and will assist in selecting the right product for your needs. Granular, liquid or MaxGuard NPK, combined slow release fertiliser and granular insecticide.

Faster to act

MaxGuard chemistry has more insecticidal activity than other classes of insecticides such as organophosphates and carbamates, therefore requiring less active ingredient to control pest problems. MaxGuard acts faster to combat target insects at low rates.

Key features and benefits of MaxGuard NPK

- Single application delivers fertiliser and insect control
- Stimulates post-recovery of damage from insects, which assists in the repair of damage to leaves, stolons and rhizomes
- The application method is easy using a spreader
- High safety margin/low toxicity
- Quicker turf recovery
- Requires less active ingredient to control pest problems than other classes of insecticides

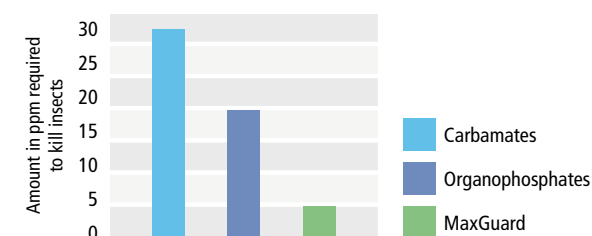


► Did you know...

MaxGuard NPK provides the convenience of a granular turf insecticide combined with a slow release 28+1.3+6.6 fertiliser, making it ideal for post damage recovery and insect control.

It is not a scheduled poison and with minimal contact when applying, is extremely safe for users. With a chemistry that has more insecticidal activity than other classes of insecticides such as organophosphates and carbamates, MaxGuard requires less active ingredient to control pests – acting faster to combat target insects at a lower rate of 140kg/ha.

MaxGuard requires less active ingredient to control pest problems than other classes of insecticides



MaxGuard® 2G. Ready to use granular turf insecticide.

Target	Application rate	Critical comments
Lawn armyworm (<i>Spodoptera mauritia</i>)	60 kg/ha (0.6 kg/100m ²)	Broadcast MaxGuard 2G with suitable application equipment to ensure uniform coverage over the treated area. To ensure optimum control, irrigate the treated area with up to 4 mm of water soon after application. Inspect the treated areas for continuing activity. Reapply as required. Where a rate range is indicated use lower rates under lower insect pressure and higher rates under higher insect pressure.
Sod webworm (<i>Herpetogramma licarsisalis</i>)	60 kg/ha (0.6 kg/100m ²)	
Cutworm (<i>Agrotis</i> sp.)	60 kg/ha (0.6 kg/100m ²)	
Argentine stem weevil adults (<i>Listronotus bonariensis</i>)	60-120 kg/ha (0.6-1.2 kg/100m ²)	
African black beetle adults (<i>Heteronychus arator</i>)	120-180 kg/ha (1.2-1.8 kg/100m ²)	
Billbug adults (<i>Sphenophorus brunnipennis</i>)	60-120 kg/ha (0.6-1.2 kg/100m ²)	
Black ant, Coastal brown ant, Funnel ant, Meat ant, Sugar ant and Stinging ant only	60-220 kg/ha (0.6-2.2 kg/100m ²)	Apply granules to areas where ants are active. Where possible, apply granules directly to the nest. Use the low rate for maintenance treatments or to control light infestations and the high rate for heavy infestations and for maximum residual control. The elimination of Funnel ants from a particular site will generally require more than one application. Initial applications should be broadcast over affected areas. As the initial numbers of active colonies is reduced, application should shift to targeting active mounds. Apply granules directly to the mound and in the area immediately surrounding active mounds (300 mm radius).

MaxGuard® 80SC. Liquid turf insecticide.

Target	Application rate	Critical comments
Lawn armyworm (<i>Spodoptera mauritia</i>)	1.5L/ha (15 mL/100m ²)	Mix MaxGuard 80SC in water and apply evenly over the area to be treated using spray application equipment. Use a minimum total volume of at least 200L/ha (2L/100m ²). To ensure optimum control, irrigate the treated area with up to 4mm of water soon after application. Inspect the treated areas for continuing activity. Reapply as required. Where a rate range is indicated use lower rates under lower insect pressure and higher rates under higher insect pressure. Apply after mowing to minimise loss of insecticide in clippings.
Sod webworm (<i>Herpetogramma licarsisalis</i>)	1.5L/ha (15 mL/100m ²)	
Cutworm (<i>Agrotis</i> sp.)	1.5L/ha (15 mL/100m ²)	
Argentine stem weevil adults (<i>Listronotus bonariensis</i>)	1.5-3.0L/ha (15-30 mL/100m ²)	
African black beetle adults (<i>Heteronychus arator</i>)	3.0-4.5L/ha (30-45 mL/100m ²)	
Billbug adults (<i>Sphenophorus brunnipennis</i>)	1.5-3.0L/ha (15-30 mL/100m ²)	
Black ant, Coastal brown ant, Funnel ant, Meat ant, Sugar ant and Stinging ant only	1.5-5.5L/ha (15-55 mL/100m ²)	Mix MaxGuard 80SC in water and apply over the area to be treated using spray application equipment. Apply to areas where ants are active. Where possible, spray directly into the nests. Use the low rate for maintenance treatments or to control light infestations and the high rate for heavy infestations and for maximum residual control. The elimination of Funnel ants from a particular site will generally require more than one application. Initial applications should be broadcast over affected areas. As the initial numbers of active colonies is reduced, application should shift to targeting active mounds. Apply spray directly to the mound and in the area immediately surrounding active mounds (300 mm radius).

MaxGuard® NPK. The convenience of a granular turf insecticide combined with a slow release fertiliser.

Target	Application rate	Critical comments
Lawn armyworm (<i>Spodoptera mauritia</i>)	140 kg/ha (1.4 kg/100m ²)	Use this product in situations where a fertiliser application is required and where insect pests are either present or expected. Apply every 2-3 months in a regular maintenance program. Broadcast MaxGuard NPK with suitable application equipment to ensure uniform coverage over the treated area. To ensure optimum control, irrigate the treated area with up to 4 mm of water immediately after application. Inspect treated areas for continuing activity. High populations of Argentine stem weevil and Billbug may require follow up treatment with MaxGuard 2G Granular Insecticide.
Sod webworm (<i>Herpetogramma licarsisalis</i>)	140 kg/ha (1.4 kg/100m ²)	
Cutworm (<i>Agrotis</i> sp.)	140 kg/ha (1.4 kg/100m ²)	
Argentine stem weevil adults (<i>Listronotus bonariensis</i>)	140 kg/ha (1.4 kg/100m ²)	
Billbug adults (<i>Sphenophorus brunnipennis</i>)	140 kg/ha (1.4 kg/100m ²)	
Black ant, Coastal brown ant, Funnel ant, Meat ant, Sugar ant and Stinging ant only	140 kg/ha (1.4 kg/100m ²)	Effective control of Funnel ants may require follow-up spot treatment of nests with MaxGuard 2G Granular Insecticide.
Turf nutrition NPK 28+1.3+6.6	140 kg/ha (1.4 kg/100m ²)	Scotts unique Poly-S technology provides slow release nitrogen for 6-10 weeks feeding as well as potassium, phosphorus and sulphur. Ideal for post damage recovery and insect control.

Refer to product label for detailed application rates • MaxGuard is not available in NZ