

FACT SHEET

Poncho® VOTiVO® Insecticide Seed Treatment

Innovative pest control for emerging maize and sweetcorn

Poncho VOTiVO adds ground-breaking bacterial activity against nematodes to the proven insect pest control provided by Poncho, giving maize and sweetcorn an extra level of innovative and sustainable protection. The Poncho component forms a protective halo around the seed and is transported to the growing points of the emerging seedlings, while the VOTiVO active ingredient – a unique strain of the bacteria *Bacillus firmus* – grows with the roots as a living barrier that makes it harder for nematodes to locate the roots and attack them.

Crops

Maize
Sweetcorn

Application method

Using a properly-calibrated seed treatment machine under the control of an approved handler
Applicable safety equipment must be worn at all times

Target pests

Control: Argentine stem weevils
Black beetles
Greasy cutworms

Suppression: Nematodes

WHPs

Harvest

Not required when used as directed

Grazing and cutting for feed

7 weeks from sowing

- Excellent early-season control of damaging pests during crop establishment
- A film of beneficial bacteria colonises the crop roots and blocks the impact of nematode attack
- Both active ingredients grow with the seedling to provide extended protection
- Plant health benefits such as enhanced root growth promote strong plant establishment and increased yield potential
- Poncho VOTiVO acts as a contact poison, stomach poison, anti-feedant and insect repellent
- Poncho VOTiVO has low toxicity to mammals and a wide range of beneficials, including earthworms

Managing high pest pressure

If Argentine Stem Weevil pressure is high, an insecticide should be sprayed with the herbicide at burndown before the treated seed is sown.

If greasy cutworm numbers are high, a follow-up spray with a suitable foliar insecticide may be required.



How and when to use Poncho VOTiVO

Rates

120 mL/80,000 seeds in 1–2 L water/100 kg seed

Methods

Add Poncho VOTiVO to sufficient water to ensure thorough and even coverage.

Poncho VOTiVO should only be applied to high quality, undamaged seed through a properly calibrated seed treatment machine.

Poncho VOTiVO treatment may alter the seed flow rate, so the planter should be recalibrated prior to sowing to make sure the required plant population is achieved.

Using a suitable polymer such as Flo Rite® is also recommended to help prevent dust-off and enhance the flowability of the seed at sowing.

Compatibility

Poncho VOTiVO is compatible with a range of fungicidal seed treatments. It can be applied to seed already treated with one of those products, or in conjunction with them. A polymer such as Flo Rite should also be used.

Poncho VOTiVO can also be applied to seed coated with bird-repellent seed treatments.

Resistance management

The active ingredient in Poncho is clothianidin, from the neocotinoid class of insecticides, and Poncho VOTiVO is classified as a Group 4A insecticide. To minimise the risk of resistance, Poncho VOTiVO should be used in strict accordance with the label instructions. When additional control measures are required, avoid repeated use of insecticides with the same mode of action.

Protection of bees and other insect pollinators

Poncho VOTiVO is highly toxic to bees and should only be used as a seed treatment. DO NOT perform seeding operations under very dry or windy conditions to avoid exposing pollinators to treated seed dust.



For more information on Poncho VOTiVO, visit crop-solutions.basf.co.nz or call **0800 932 273**