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## Gaucho® and the beneficial effects of Stress Shield™.

Gaucho® has built a strong reputation as a seed treatment of choice, protecting crops at the crucial establishment phase from a range of early season chewing and sucking pests. What many growers have also noticed is that



Gaucho protected crops look

healthier and stronger. This is because the active ingredient in **Gaucho** has been found to provide protection against abiotic stress in some situations. We have called this side-effect **Stress Shield™**.

This Stress Shield effect has been found to offer growers a series of benefits that can reduce plant stresses and enhance crop health, vigour and yield.

Stresses can be 'biotic' i.e: caused by insects, weeds or pathogens, or 'abiotic' i.e: caused by environmental or physical factors such as cold, heat, drought or oxygen deficiency. The Stress Shield effect of Gaucho can help limit the damage that abiotic stress factors cause and can assist plants to maintain a higher proportion of their growth potential in less than optimal growth conditions. Among many benefits, and of particular relevance to Australian growers, the Stress Shield effect has been shown to delay the onset of the effects of drought stress.

**Gaucho**, through the combination of reliable early season insect control and Stress Shield can offer growers an innovative way to maximise the health and vigour of their crop, which in turn can have a positive impact on yield and profit margin.

For more detailed information about the Stress Shield effect and how Gaucho can protect your crops, please contact your local Bayer representative.

## Protect your seed, your crop and your profit.

Right from the moment of sowing, Gaucho insecticidal seed treatment protects your interests by setting up your crop for the best possible yield. Gaucho protects each and every seed from attack by a range of insects. It also protects each and every seedling right through its vulnerable early growth phases. It also means

Gaucho 58 m²/ha Granules 500 m<sup>2</sup>/ha Spray 10,000 m<sup>2</sup>/ha Area of relative environmental exposure Gaucho cuts down on your need to spray, protecting the environment and allowing beneficial species to flourish unharmed. Since healthy plant establishment makes such a healthy difference when it comes to harvest time, Gaucho also protects your profits. Protect your interests. Order your Gaucho when you order your seed.

# Gaucho treated seed is protected from the moment you sow.

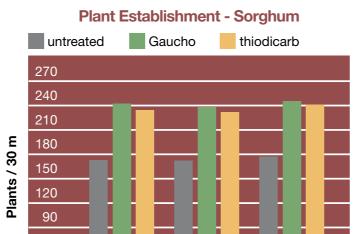
From the moment you sow and throughout germination and early growth, you can rely on Gaucho insecticidal seed treatment to optimise the productivity of your crop. Gaucho protects each and every seed and seedling and because it reduces the need to spray, earthworms and other beneficial species can flourish. You'll end up with more productive crops sooner, and because Gaucho is applied professionally and delivered on seed you'll also benefit from exceptional convenience and peace of mind. Simply order Gaucho Insecticide treatment when you order your seed. And then watch the best growth you've ever seen.



## Gaucho insecticidal seed treatment - the optimum choice for sorghum, maize and sunflowers.

Gaucho (imidacloprid) - unique active, unique benefits	
/	Controls a range of false wireworms
/	Controls sugarcane (true) wireworms
/	Controls black sunflower scarabs
<b>✓</b>	Controls black field earwigs
/	Controls wingless cockroaches
<b>✓</b>	Controls field crickets
<b>✓</b>	On-seed convenience - less need to spray
/	On-seed accuracy
/	Protects the environment and beneficial species

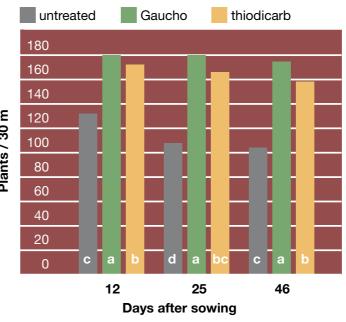




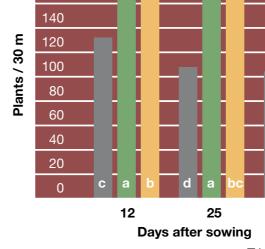
27

Days after sowing

20

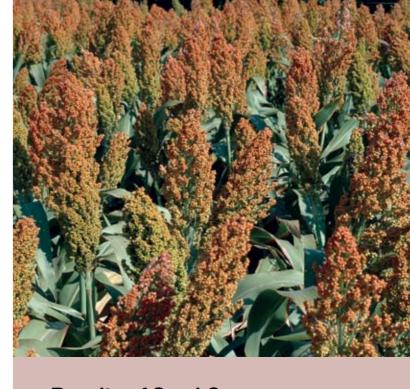


**Plant Establishment - Maize** 



Trial ref: KGW 163

Trial ref: ADM 102



# **Results of Seed Company Sorghum trials** (Mean of 44 observations)



### Part of the Seedtech® System by Bayer.

- A scientifically developed system designed to optimise the efficacy of Bayer seed treatments.
- Precise application by accredited professionals ensures accurate treatment for each and every seed.

## On-seed delivery

Simply order your Gaucho when you order your sorghum, maize and sunflower seeds, and your seeds will be treated by Seedtech professionals before delivery.