



Gaucho® Insecticidal Seed Treatment improves pasture establishment

A key to increasing pasture production is to improve plant establishment. More plants established means greater biomass production.

Trial work has shown that the establishment of pasture species such as lucernes, clovers, brassicas and herbs treated with **Gaucho® Insecticidal Seed Treatment** are generally greater than where untreated seed is planted.

In 2004, a demonstration trial was conducted at Naracoorte to prove the linkage between plant establishment and biomass production. The trial was grazed three times with the biomass of pasture being measured prior to each grazing. The results were fantastic in that **Gaucho** treated seed resulted in more plants per metre of row than the untreated seed (Figure 1). This resulted in more biomass prior to each grazing. This trial produced results that were consistent with previous trials where different pasture varieties were used.



The photo on the left demonstrates the increased biomass in Tonic plantain just prior to the first grazing. Establishment in the **Gaucho** treated plantain was 60% greater than where bare seed was sown!



Gaicho[®] Insecticidal Seed Treatment improves pasture establishment



The Naracoorte trial highlighted the benefits of pasture grown from seed treated with **Gaicho**, even when there are low redlegged earth mite or blue oat mite numbers (50 to 150 /m² at this site). The dry matter yields show major differences between **Gaicho** treated and untreated pasture – which to a farmer ultimately means more profit.

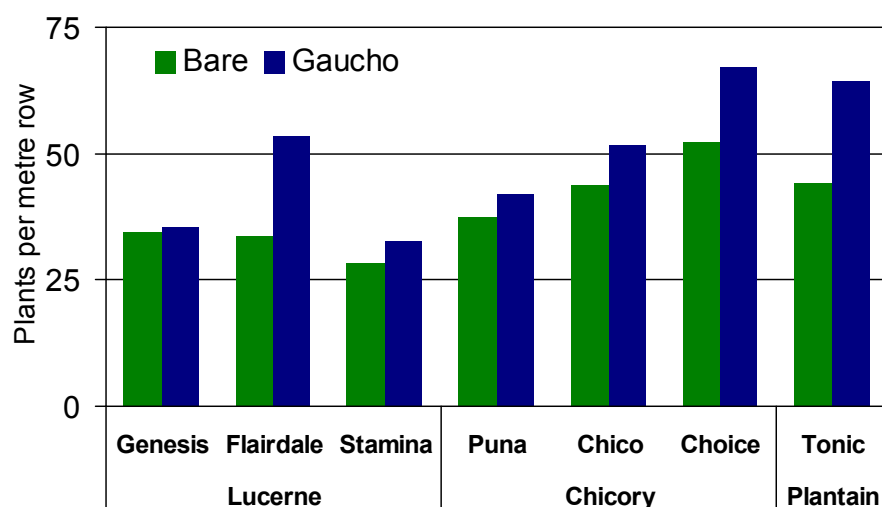


Figure 1: Number of plants per metre row from **Gaicho** treated and untreated lucerne, chicory and plantain.

Gaicho is professionally applied and delivered on the seed when purchased – simply request it when you order your pasture seed. It protects seedlings for the critical period after germination from redlegged earth mites and blue oat mites.

Gaicho is highly systemic and is rapidly absorbed by the emerging plant. This results in a rapid translocation to cotyledons and leaves. Using **Gaicho** treated seed reduces the need to apply post-emergent insecticides and is safe to beneficial organisms, including earthworms, when used as directed.

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