



Professional seed treatment with Gaucho[®] Insecticide.

Seed treatments provide a number of benefits to farmers. They are the most targeted, effective, practical, cost effective and environmentally friendly method of delivering a number of crop protection products.

They protect the crop from the moment of sowing and keep on protecting the crop through the vital germination and early establishment stages.

The active ingredient only covers the surface of each seed, so that it is always located right where it is needed. This results in a reduction in the amount of chemical needed to protect the crop in the early growth stages.

To get the most out of a seed treatment it needs to be applied correctly.

Figure 1 shows how applying the seed treatment incorrectly can result in significant under-dosing on individual seeds. In this case, 50% of the seeds have less than 30% of the required active ingredient.

Seed in Figure 2 has been treated using professional application equipment. Accurate application ensures that the grower's investment is maximised from better product performance.

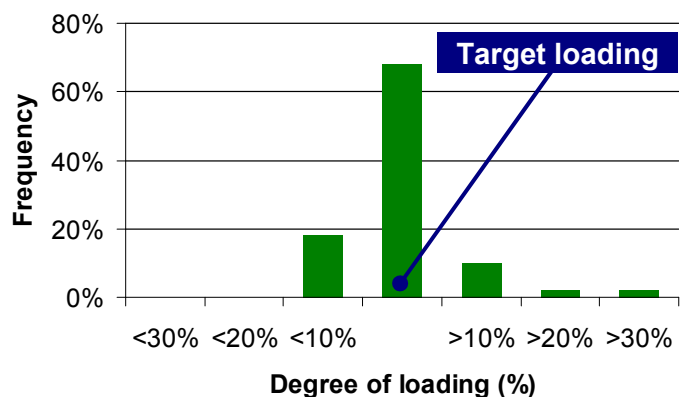
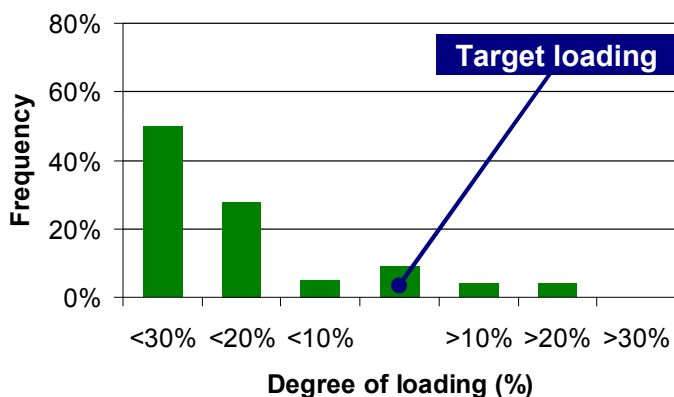


Figure 1: Degree of loading of individual seeds treated in a cement mixer.

Figure 2: Degree of loading of individual seeds treated with professional application equipment.

Professional seed treatment with **Gaicho**[®]



Inaccurate or poor treatment can have severe implications on the results achieved by a seed treatment product in the field. Figure 3 shows the implications of under-treatment on the residual control of aphids using **Gaicho**[®] Insecticide. Lower rates (0.25 and 0.5 mg ai/seed) or under-treatment can result in a decrease in the residual activity of products like **Gaicho**. When the correct amount of active ingredient is applied (1.0 mg ai/seed), the performance of the product is optimised.

It can be equally important not to over-dose a seed treatment as this can lead to reduced emergence. Some seed treatments have adverse side effects if applied at higher than registered concentrations on the seed. Over-dosing by even a small amount can have a big effect on establishment.

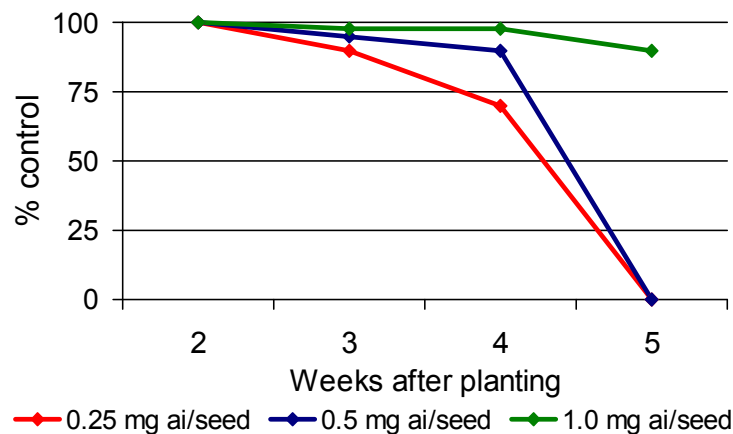


Figure 3: Residual control of aphids

Your professional seed treater is able to take advantage of superior active ingredients and advanced formulation technology from Bayer CropScience by placing the product where it needs to be – accurately and evenly on every seed.

www.bayercropscience.com.au

The information and recommendations set out in this document are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this document must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions. © Bayer CropScience 2007

