



The next
generation seed
treatment for wheat
and oats.

What is Hombre?

Hombre® Cereal Seed Treatment is a specially formulated combination of **Raxil®** and **Gaucho®** designed for use in wheat and oats, but may also be used in barley. The unique combination adds a new dimension to standard fungicide seed treatments by providing protection from post-emergence insect damage.

What is it registered for in wheat and oats?

Hombre is registered for the control of bunt, loose smut, and flag smut in wheat and covered smut and loose smut in oats.

The powerful insecticide provides reliable aphid control. **Hombre** is registered for the prevention of feeding damage caused by wheat aphid and corn aphid for up to 8 weeks after sowing. Some trials have demonstrated a reduction in aphid populations out to 16 weeks after sowing.

Hombre also protects plants from barley yellow dwarf virus (BYDV) which is transmitted by cereal aphids.

What are the benefits?

Hombre fits within a conservation farming framework by allowing growers to shift away from the routine use of post-emergent insecticides. When **Hombre** is applied on the seed, the systemic nature of the product ensures that each individual plant is protected. Experience has shown that using **Hombre** can reduce or eliminate the need for a post-emergent insecticide.

One of the most important consequences of reduced insecticide use is an increase in the population of beneficial species. Beneficial species assist with the control of pests in wheat and oats.

For example, the larvae of the green lacewing are predators that will attack and eat almost any small insect or egg. Lacewing larvae are particularly effective at controlling aphids and can consume 60 aphids in a day. Other predators can help control lucerne flea, slugs, blue oat mites, bryobia mites and more!

What if insects don't affect my wheat and oats?

One of the unique advantages of **Hombre** is that farmers may reap early growth and yield benefits even if pests don't occur. Research has proven that **Hombre** can enhance the ability of plants to resist stress.

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Hombre has a positive effect on the plants' own defence mechanism so that if an external stress (such as excessive heat, waterlogging, or drought stress) occurs, plants treated with **Hombre** are generally stronger, healthier and more able to cope. This side-effect has been dubbed **Stress Shield™**.

The two photos below from a trial in 2007 clearly demonstrate **Stress Shield** in action.



Hombre treated oats

Vincit® Zinc treated oats

The powerful insecticide of **Hombre** coupled with the natural pest control from predators is a technique that many leading farmers are adopting for insect and BYDV management in their wheat and oats.

Ask for **Hombre** for your wheat and oats in 2008 and reap the benefits of the next generation seed treatment.



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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

