Proven grain protection with Dryacide

Resellers looking to offer farmers a proven grain protection product for their silos can recommend Dryacide Insect Desiccant Dust again this season.

Roger Allanson, managing director of Entosol says the Australian-made Dryacide has gained a reputation as a reliable, cost-effective and environmentally safe solution for protecting grain against a range of pests.

"Dryacide is well regarded for being environmentally safe because it leaves no toxic residues," he said.

Dryacide has been used by Australian farmers for over 30 years. The product has also been tested by numerous international research bodies and appears in over 30 peer-reviewed international publications.

"It is also one of the least expensive structural treatments available," he said. Importantly, Mr Allanson said resellers could rely on Dryacide to be available at harvest.

"We have spent the past few months steadily accumulating our stock levels to ensure that the supply of Dryacide around harvest will be immediately available to resellers’ grower clients," he said.

Dryacide is a proven structural treatment for grain storage facilities, providing 12 months’ protection against weevils, beetles, borers and moths. It is also approved for treating farm-stored seed and feed grain.

The key component of Dryacide, diatomaceous earth (DE), is chemically inert, non-toxic and has excellent absorption properties, making it suitable for grain storage situations.

Research at the University of California in the 1970s found that DE could absorb the insect’s waxy cuticle, disrupting the waterproofing layer on the insect’s body. This leads to rapid desiccation and eventual death.

However, Mr Allanson said not all DE sources were the same, leading to varying efficacy results and creating some concerns about the benefits of DE products.

"While suppliers of inert dust insecticides have marketed DE products with limited or poor efficacy, Entosol uses an enhancement process with its DE source to produce Dryacide, ensuring a genuine improvement in effectiveness," he said.

"As a result, Dryacide has better absorbent properties and is more effective against a wide variety of stored-grain insect pests, whether applied as a dry powder or as an aqueous slurry."
"It restores soil micro-flora, benefiting all agricultural crops by promoting germination, healthy root and plant growth and substantial enhancement of yields.

"The elevated use of nitrogen in conventional agriculture is costing farmers dearly so any advanced technologies that can reduce this burgeoning cost is welcomed."

Ms Daly said locked-up minerals cost farmers millions of dollars a year but Agri-Organica enhanced microbial activity, helping release locked-up nutrients and make them available to the crop at the right time and in the right amount.

It also assisted in photosynthesis, ensuring the supply of a carbon feed source for microbes in the rhizosphere and carbon dumping into the soil.

Ms Daly said Agri-Organica crops were more resilient to diseases, while yield increases could range from 20% to 100%, with improvements in quality, size, grades and brix count and an earlier harvest.

"Agri-Organica is easy to apply and can be mixed with the rest of the farming spray schedules, like insecticides, fungicides and herbicides," she said.

"The benefit of mixing it with chemicals is that it improves the efficacy of the chemical as well as benefiting the soil and plant health."

It can be applied to the soil through fertigation or boomspray or to plants as a foliar spray.

Agri-Organica is economical, costing only $6 per hectare when applied to the soil at 1:500, $3/ha as a foliar at 1:1000, and $30/ha in fertigation at 1 L/ha.

It is organically certified with BFA in Australia, making it ideal for organic growers to use as a soil rejuvenator or for disease control.

"It is also the ideal product to introduce to conventional farmers who want to take a 'dip' into bringing their soils back to life, improve crop and plant health and not break the bank," Ms Daly said.

"For a small cost farmers can start rebuilding essential soil microbes, remedying some of the major resistance problems plaguing modern agriculture."

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Wipe out weevils in grain storages for 12 months without expensive and toxic chemicals

Ask for DRYACIDE™ Insect Desiccant Dust

Dryacide™ Insect Desiccant Dust is a non-toxic odourless powder which kills stored grain insects by dehydration. Made from diatomaceous earth, Dryacide™ is a proven structural treatment for grain storage facilities, giving 12 months' protection against weevils, beetles, borers and moths. It is also approved for treatment of farm-stored seed and feed grain.

For cost-effective protection that's safe for the environment, ask for Dryacide™ Insect Desiccant Dust.

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