

IMTRADE

D-PLOY[®]

GRAIN PROTECTANT



A new registration for this season comes from Imtrade CropScience, being D-Ploy[®] Grain Protectant. Containing the active ingredient Deltamethrin, it complements Imtrade's existing offering of Diplomat 500 EC Grain Protectant, a grain treatment containing the active ingredient Chlorpyrifos-Methyl.

D-Ploy[®] and Diplomat combined will protect grain against insect activity, with no withholding period for up to 9 months when the grain is stored correctly. The combination can be used on all cereal products except rice and malt barley (for those, the only option is to pair D-Ploy[®] with a Fenitrothion based product). **The mixture should always be applied at a rate of 1L per ton of grain. A 50L batch containing 1L of D-Ploy[®] and 1L of Diplomat will treat 50 tonnes of grain.**

To achieve optimal results, the mixture of both chemicals must be applied directly to the grain as it passes along the grain flow path. It is always best to try and achieve this close to the bottom of elevation to make the most of grain being mixed along the way. At least 10% of the grain must come into direct contact with the mixture spray to maintain protection.

When considering your general grain treatment strategy, growers should keep the following in mind:

- No single grain treatment chemical controls all species of grain storage insects – you must select the correct combinations of chemical to achieve the best outcome.
- Ensure available treatments (such as D-Ploy[®] and a Spinosad + methoprene grain treatment such as Conserve PlusTM) are rotated for effective resistance management to these chemicals.
- Ensure grain treatments are applied accurately at the label rate. If treatments are applied at higher rates than advised, risk exceeding the nominated maximum residue limits. If treatments are applied at lower rates, risk ineffective control and increased insect resistance.
- Do not store high moisture grain and maintain a high level of grain hygiene and aeration.
- Ensure your grain is checked regularly after harvest for insect infestation and take early action where insects are detected. Monthly insect checks are recommended.
- Apply regular structural treatments after cleaning.
- Always check the proposed chemicals and MRLs are acceptable to the intended grain market.



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TRAINING PACKAGE**