

RISE OF A NEW PRE-EMERGENT GENERATION



Bolta^{Duo}®

TAKING THE GUESS WORK OUT OF PRE-EMERGENT MIXES

- Robust control of Ryegrass, Silvergrass & Wireweed
- Optimised dual mode of action
- Superior emulsion characteristics
- Developed in Australia for Australian conditions
- Imtrade Australia a 100% Australian owned company





MODE OF ACTION

Imtrade Bolta Duo® is a unique pre-emergent herbicide blend that combines two complimentary modes of action and is classified as a group D + J Herbicide. The actives in Bolta Duo® are absorbed via the Mesocotyl and the roots of target weeds and are transported rapidly via the xylem to the meristematic regions. By providing a range of absorption sites, emerging weeds are more likely to have a herbicidally susceptible target location present in the herbicide band. Thus, assisting in minimising escapees from the pre-emergent treatment. Bolta Duo® targets the meristematic regions of germinating weed seedlings, concurrently inhibiting the formation of tubules in dividing cells (by binding to Tubulin, preventing the alignment and separation of chromosomes during Mitosis); and preventing the conversion of fatty acids into long-chain fatty acids (by inhibition of fatty acid elongase enzymes). Typically this causes root and shoot inhibition, twisting, greening and prevention of leaf emergence from the coleoptile.

Due to the low soil mobility of the components in Bolta Duo®, both actives will exhibit minimal downwards movement in the soil profile which prevents contact with the seeded crop, ensuring the herbicide remains in the optimal zone for weed interception.

WHY BOLTA DUO®

Weed Control: Controls Annual Ryegrass, Silver Grass & Wireweed and provides suppression of Barley Grass.

Combination MOA: Incorporating D & J chemistries provides a robust resistant management strategy.

Multiple absorption sites: Maximises weed contact opportunities to minimise escapees.

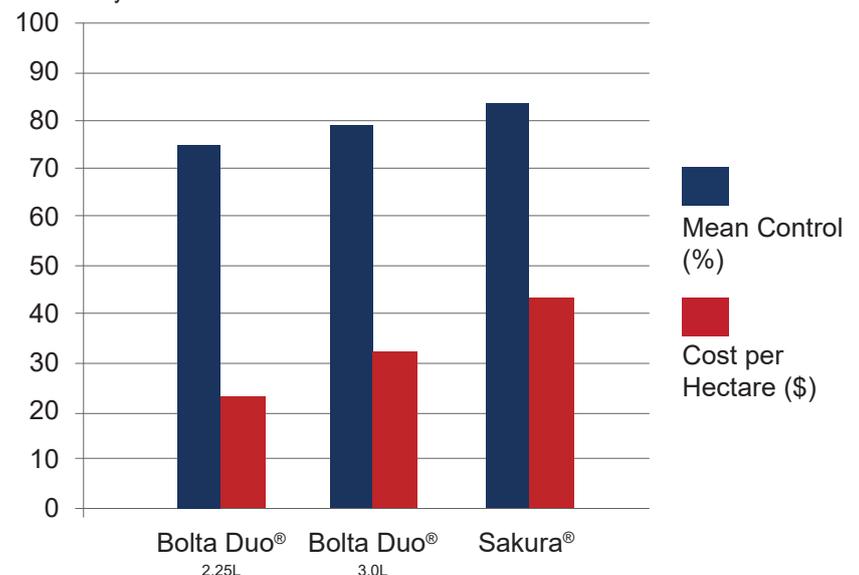
Low Mobility: Prevents leaching into the seeded band and remains in the weed seed contact zone under adverse conditions.

High Loading: The formulation provides 92% active ingredient, minimising non-active solvent inclusions while reducing drums, storage and handling compared to the stand-alone formulations.

Excellent Emulsion: Formulation developed in Australia and provides superior emulsion characteristics.

PERCENTAGE ANNUAL RYEGRASS CONTROL vs COST

Data presented is the compilation of all trials conducted in Australia by Imtrade.



USING BOLTA DUO®

When using Bolta Duo® please use as directed and consider the following:

Read the Label: Always read the label when considering Bolta Duo® for your pre-emergent herbicide needs.

Thoroughly Incorporate: Incorporation by sowing has been shown to optimise performance. Adjust seeder bar speed to ensure soil throw is covering the inter-row, but not so far as to land in the adjacent furrow.

Seeding Depth: Ensure seeded band depth is adequate to allow for separation from the herbicide band. Surface seeding via scatter plates with incorporation via trailing coulters/harrows is not recommended as some crop suppression may occur.

In-Tank Mixes: Bolta Duo® is compatible with most pre-seeding herbicides and insecticides. Check the label for details.

IMPORTANT For current application use instructions, always refer to the product label. COPYRIGHT Information contained herein remains the copyright of Imtrade CropScience and cannot be reproduced without the company's permission. ©

