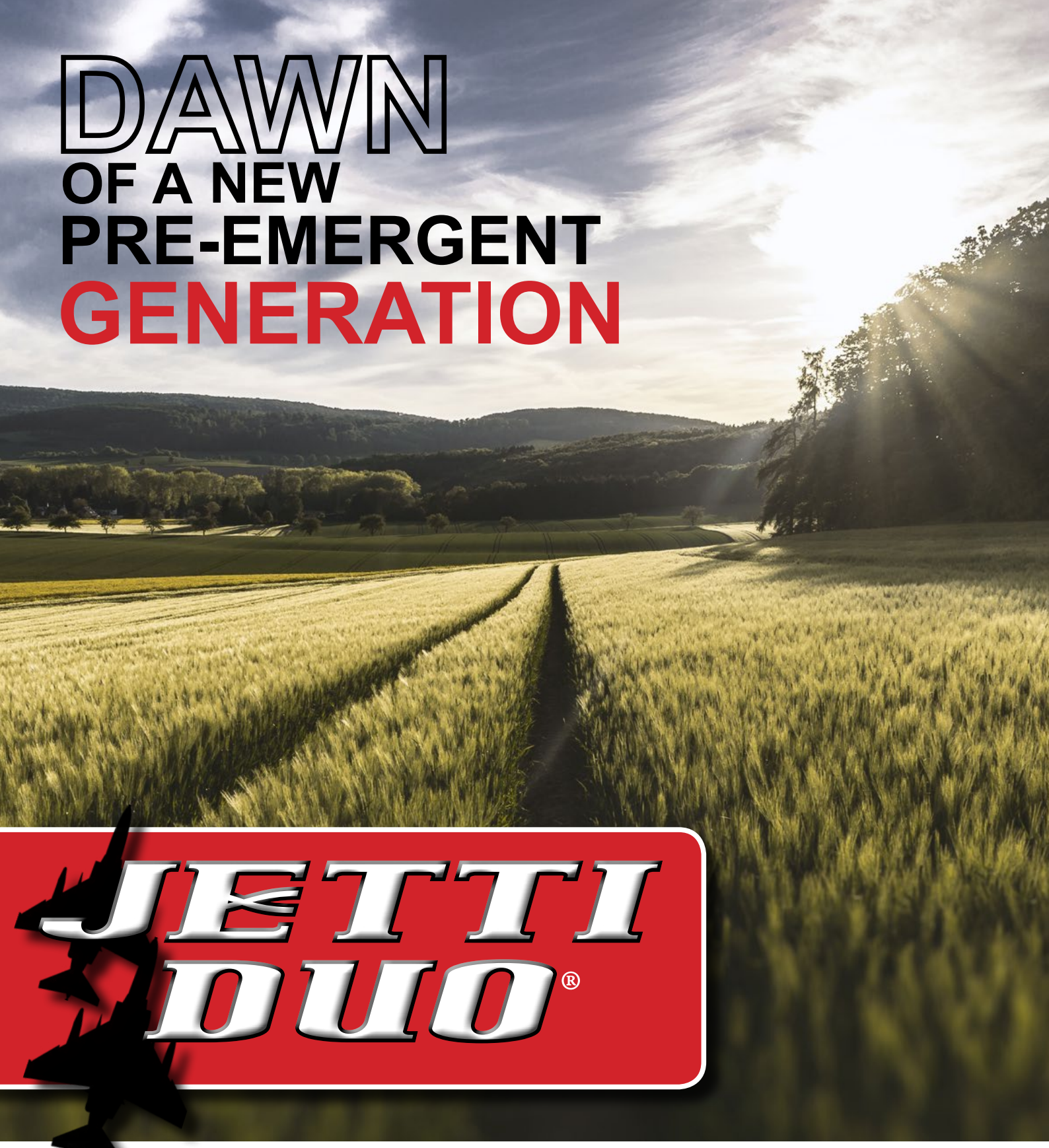


TAKING THE GUESS WORK OUT OF PRE-EMERGENT MIXES

- Optimising dual mode of action
- Researched ratios for improved performance
- Robust control of annual ryegrass, wild oats & wireweed
- Developed in Australia for Australian conditions
- Imtrade Australia a 100% Australian owned company

IMTRADE AUSTRALIA
Agriculture Reimagined

www.imtrade.com.au

JETTI DUO®

MODE OF ACTION

Imtrade Jetti Duo® is a unique pre-emergent herbicide blend that combines two complimentary modes of action. Imtrade Jetti Duo® can be absorbed via two alternative sites on germinating seedlings, namely the mesocotyl and coleoptile. The mesocotyl is only available as an absorption site for a limited period during germination, whereas the coleoptile is active until the seedling emerges.

This is particularly useful where germinated seeds are present in the seedbank which have progressed beyond the physiological window for mesocotyl absorption. These alternative modes of action are complimentary, and have demonstrated significant control of trifluralin resistant populations of annual ryegrass. High soil binding characteristics and low water solubility allow Imtrade Jetti Duo® to remain in the weed seed zone under adverse environmental conditions, where germinating seedlings can intercept the herbicide band prior to emergence. Additionally, these characteristics prevent the actives leaching into the seeded furrow, preventing damage to the germinating crop.

USING IMTRADE JETTI DUO®

- **Registered** for Cereals, Canola and Pulses.
- **Best efficacy:** Is obtained when incorporated within 12 hours of application.
- **Flexible options:** Due to its chemical characteristics, Imtrade Jetti Duo® can be used under low or high rainfall situations, on drying seedbed profiles or where staggered weed seed germination has occurred.
- **Controlling resistance:** Imtrade Jetti Duo® has demonstrated significant control of trifluralin resistant strains of annual ryegrass.
- **Superior emulsion through consistent quality formulation:** Jetti Duo® patented formulation offers consistent and reliable results.

IMTRADE JETTI DUO® SUPERIOR EMULSION

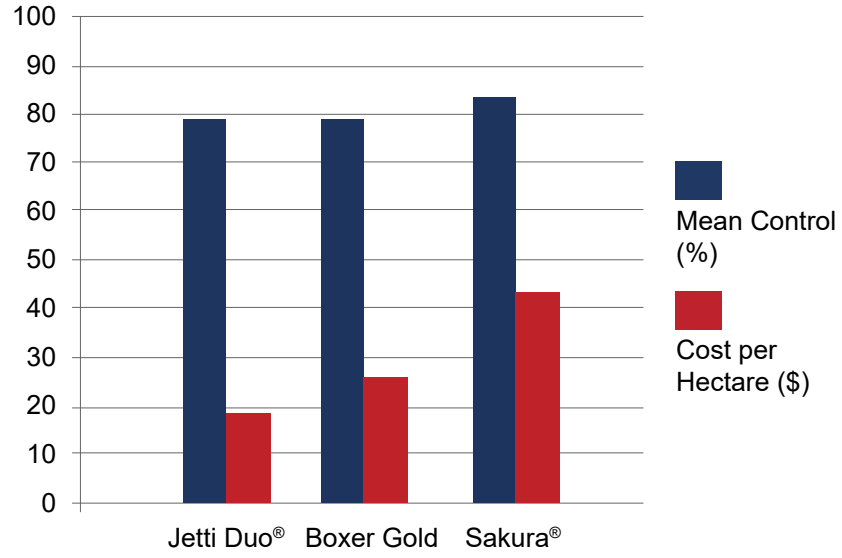
Imtrade Jetti Duo® has a tailored surfactant package that is designed to optimise the emulsification of both actives concurrently upon dilution to provide ideal results.

Individual trifluralin and tri-allate products are designed with surfactant packages that are tailored to the independent emulsion of each active by itself. When such stand-alone products are mixed in-tank, this can result in a lower quality emulsion which may pre-dispose tank mixes to incompatibilities and the potential for products to 'fall-out' of solution

Imtrade Jetti Duo® has superior emulsion characteristics that are more stable, hence better, more even distribution of active ingredient in the spray tank and to the target at the point of application.

PERCENTAGE ANNUAL RYEGRASS CONTROL vs COST

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



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