

THE **VERDICT IS OUT,**  
**IMTRADE HALOXYFOP 900EC**  
the highest load in the market

# HALOXYFOP 900 EC

## Get reliable results every single season

- High loading active with broad label usage
- Physically compatible with Imtrade Whack 720
- Highly translocatable and selective graminicide
- Reduced hydrocarbons
- Developed for Australian conditions



**IMTRADE  
AUSTRALIA**

Agriculture Reimagined

# HALOXYFOP 900 EC



## MODE OF ACTION

Imtrade HALOXYFOP 900 is a Group A herbicide that provides selective control of monocotyledonous weeds in broad-acre broadleaf crops and pastures. Haloxyfop acts as an inhibitor of the ACCase enzyme which catalyses the initial phase of fatty acid synthesis. By inhibiting the synthesis of fatty acids, it is thought that phospholipid production required for cell membrane development and cell growth is blocked. This leads to the cessation of growth, discolouration and eventual necrosis of plant tissue. Broadleaved species are believed to be tolerant to the application of haloxyfop due to the ACCase enzyme being less susceptible to inhibition within these plants.<sup>(1)</sup>

## WHY IMTRADE HALOXYFOP 900?

When used as directed, Imtrade HALOXYFOP 900 provides selective control of grass weeds in an extensive range of broad-acre broadleaved crops.

- **Translocating active:** The metabolite of haloxyfop is trapped in the phloem cells of target plants, which accommodates translocation to the meristematic regions (growing points) of the plant. This provides the optimum opportunity for a complete kill of susceptible targets.<sup>(1)</sup>
- **Highly effective:** Effective on a broad range of annual and perennial grasses, including both temperate and tropical species.
- **Broad label usages:** Extensive uses on all major broad-acre broadleaf crops and pastures, in both summer and winter planting scenarios.
- **High load:** 900g/L active loading compared to the industry standard of 520g/L provides a major reduction in hydrocarbon solvent loading.

## USING IMTRADE HALOXYFOP 900

- **Read the label:** Always read the label when considering Imtrade HALOXYFOP 900 for your in-crop grassy weed control as rates vary dependant on crop and target type.
- **Identify your weeds:** It is crucial that the weeds being targeted are identified correctly, as strategies differ for different species. This is especially important where a mixture of annual and perennial grasses may be present and/or resistant strains have been identified.
- **Targeted application:** Best results are obtained when young, actively growing weeds are targeted. Avoid spraying dense, highly advanced swards as coverage may be compromised. This will cause possible under-dosing of the active, leading to regrowth and the eventual development of resistance.

## TANK MIXING IMTRADE HALOXYFOP 900

- Read the label and compatibility charts before tank mixing Imtrade HALOXYFOP with other chemistries to ensure chemical compatibility.
- Do a jar test to check physical compatibility - note that this WILL NOT demonstrate chemical compatibility.
- **DO NOT** tank mix group A actives with selective broadleaf herbicides (ie. Bromoxonil) as chemical antagonism may result, leading to a minimum of 10% reduction in efficacy on targeted grass weeds.<sup>(2) (3)</sup>

(1) Shaner D (ed), 2014; Herbicide Handbook - 10th Edition; Weed Science Society America, Lawrence KS, USA. (2) Culpepper AS, et al. 1998. Interaction of Bromoxynil and postemergence graminicides on large crabgrass *Digitaria sanguinalis*. Weed Technology 12:3 pp 554-559.

(3) Corken CB, et al. 1998. Bromoxynil antagonizes Johnsongrass (*Sorghum halepense*) control with graminicides. Weed Technology 12:2 pp 205-208.

