

For the early post-emergent control of annual grass and broadleaf weeds, as part of the Clearfield® Production System for Wheat

The Clearfield® Production System

- ◆ The **Clearfield** Production system for wheat features herbicide tolerant varieties used in combination with the broad spectrum Midas herbicide
- ◆ The **Clearfield** Wheat varieties have been developed through conventional plant breeding techniques and are not genetically modified organisms (non GMO's)
- ◆ The **Clearfield** wheat varieties currently available include CL JNZ & CL STL
- ◆ The **Clearfield** production system for wheat is available through accredited AgriCentres®, with staff specifically trained to deliver a Best Management Practice Program to assist growers maximise their return from the system.

The Herbicide

- ◆ Midas herbicide is a group B & I herbicide
- ◆ The active ingredients are 288.5 g/L MCPA (present as the ethyl hexyl ester), 22 g/L Imazapic and 7.3 g/L Imazapyr

Key Product Benefits

- ◆ Superior one pass post-emergent knockdown and residual grass and broadleaf weed control
- ◆ Provides a dual mode of action on broadleaf weeds without the need for tankmixing
- ◆ High level of brome grass, barley grass and volunteer barley control
- ◆ Easy to use and transport

Application

- ◆ The application rate is 900 mls/ha plus Supercharge at 0.5 L/100L spray volume
- ◆ Apply in a minimum 50 L water per hectare
- ◆ Apply to crops in the 4 leaf (Z14) to commencement of the Flag Leaf (Z39) stage
- ◆ Apply early post emergent to actively growing weeds in the 3 leaf to 2 tiller stage and broadleaf weeds in the 2 to 6 leaf stage
 - ◆ **Avoid application to stressed crops as crop damage and poor weed control may result.**

- ◆ **Good plant health is essential. Ensure any nutrient deficiencies are rectified at least 14 days prior to application**
- ◆ **Do NOT apply if adverse environmental conditions exist i.e. low temperatures or frost**
- ◆ **Avoid use with other pre or post emergent Group B herbicides**
- ◆ Do NOT apply more than once per season to any crop
- ◆ Apply ONLY to wheat varieties with the **Clearfield®** technology

Key Weeds Controlled

- ◆ Control and suppression of 44 problem weeds including:

- | | |
|-----------------------|------------------------|
| • Brome Grass | • Indian Hedge mustard |
| • Barley Grass | • London Rocket |
| • Phalaris | • Patersons curse |
| • African Turnip Weed | • Saffron Thistle |
| • Amsinkia | • Scotch Thistle |
| • Annual Ryegrass | • Shepherds Purse |
| • Bedstraw | • Silvergrass* |
| • Capeweed | • Sowthistle* |
| • Wireweed | • Storksbill* |
| • Climbing buckwheat | • Toadrush |
| • Common Vetch* | • Turnip Weed |
| • Deadnettle | • Variegated Thistle |
| • Doublegee | • Wild Turnip |
| • Furnitory | • Wild Oats |

*surviving plants will generally be retarded and will not compete with the crop

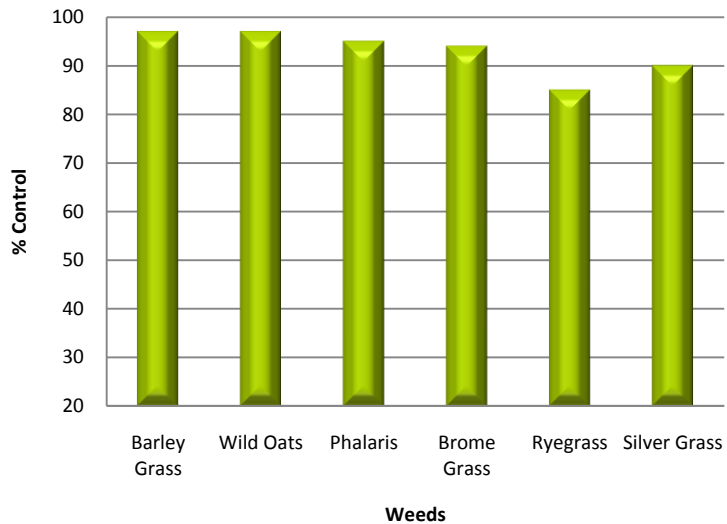
Compatibility

- ◆ Midas is compatible with Dominex® Duo, Saboteur® (dimethoate), omethoate and Endosulfan, Hasten® and Kwickin®.

Do not mix with foliar fertilisers

Trial Results

MIDAS Weed Control



Brome Grass Control



Brome Grass control with Midas herbicide 4 weeks after application



Brome Grass control with Midas herbicide 14 weeks after application



Midas[®]

Herbicide for **Clearfield[®]** Wheat

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