



# Centric<sup>®</sup>

For the control of broadleaf weeds in Wheat, Barley and Oats

<u>Active Ingredient:</u>	750g/kg chlorsulfuron
<u>Chemical Group:</u>	Sulphonyl urea
<u>Formulation:</u>	Water-dispersible granule
<u>Pack Size:</u>	500g
<u>Compatibility:</u>	CENTRIC is compatible with commonly used cereal herbicides, insecticides and fungicides.

Centric is a high-quality WG formulation of *chlorsulfuron*, with excellent mixing and stability characteristics. It provides broad spectrum weed control in wheat, barley and oats, with extended residual activity.



## Centric effectively controls:

Calandrinia, Californian Thistle\*, Chickweed, Cornbind, Dandelions, Docks, Fathen, Hawksbeard, Nodding Thistle, Rayless Chamomile, Redroot, Scarlet Pimpernel, Scentless Chamomile, Scotch Thistle, shepherds Purse, Spurrey, Stinking Mayweed, Twin Cress, Vetch, White Clover, Willow Weed, Wild Turnip, Yellow Gromwell.

*\*delay application until after the majority of thistles have emerged and are at the rosette stage (10-15 cm tall). Thistles which emerge after spraying will not be controlled.*

Excellent crop selectivity ✓

Reliable WG formulation ✓

Yield maximization ✓

Proven performance ✓

**MIXING:** Use the graduated measuring cylinder provided, measure the correct amount of CENTRIC required for the area to be sprayed and add to the required volume of water. Continuous agitation is required to keep the product in suspension. Use CENTRIC spray mixtures within 24 hours of preparation, as product degradation may occur.

**SURFACTANT:** Always add a non-ionic surfactant at the manufacturer's recommendations unless mixing with another product which contains surfactant.

**Spray Volumes:** Use a properly calibrated sprayer applying a minimum of 60 litres per hectare. Avoid overlapping and shut off spray booms while starting, sowing or stopping, or injury to the crop may result.

**Rates of Application – Wheat, Barley Oats:** Apply 20 grams of CENTRIC per hectare plus surfactant at any time after the crop is in the two leaf stage, but before the 'boot' stage. For best results apply to small actively growing weeds (less than 5cm tall or across) before crop canopy closes in. Where treatment is delayed or where weeds are not actively growing due to adverse conditions, weeds may only be stunted or suppressed.

**Weeds Controlled:** Calandrinia, Californian Thistle\*, Chickweed, Cornbind, Dandelions, Docks, Fathen, Hawksbeard, Nodding Thistle, Rayless Chamomile, Redroot, Scarlet Pimpernel, Scentless Chamomile, Scotch Thistle, shepherds Purse, Spurrey, Stinking Mayweed, Twin Cress, Vetch, White Clover, Willow Weed, Wild Turnip, Yellow Gromwell.

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**Moderately Susceptible weeds** (Control if treated as seedlings under optimum conditions): Cleavers, Wireweed, Yarrow.

**Moderately Resistant Weeds** (Reduction in population and vigour): Field Pansy, Speedwells.

**Resistant Weeds:** Black Nightshade, Wild Oats. If these weeds are a problem, add a herbicide registered for the control of these species. **DO NOT** spray CENTRIC on cereals undersown with lucerne or white clover.

**RE-CROPPING RECOMMENDATIONS:** In the event of crop failure, **DO NOT** replant to any other crop other than wheat or oats within 3 months of applying CENTRIC. Following harvest of the cereal crop, and within 12 months of the CENTRIC application, the paddock can be sown down into pasture, greenfeed crops (brassicacs), peas or lucerne. **DO NOT** replant any other crop without first consulting your local distributor.

**COMPATIBILITY:** CENTRIC is compatible with commonly used cereal herbicides, insecticides and fungicides.

#### **Resistant Weeds Warning:**

Centric is a member of the sulfonyl urea group of herbicides. Naturally occurring biotypes resistant to sulfonyl urea herbicides are known to exist. These resistant weeds will not be controlled by Centric or other sulfonyl urea herbicides. To prevent or delay the development of resistant weeds use Centric in tank mixes (if appropriate) and/or rotations with herbicides having different modes of action effective on the same weed species. Since the occurrence of resistant weeds is difficult to detect prior to use, Adria New Zealand Limited accepts no liability for any losses that may result from the failure of Centric to control resistant weeds.

#### **Cleaning Spray Equipment After Use:**

To avoid subsequent injury to crops other than wheat, barley or oats, immediately after spraying thoroughly remove all traces of CENTRIC from mixing and spray equipment as follows:

- 1) Drain tank, then flush tank, boom and hoses with clean water for a minimum of 10 minutes.
- 2) Fill the tank with clean water and add 1 litre chlorine bleach (containing 3% sodium hypochlorite) per 100 litres of water. Flush throughout with agitation; then drain.
- 3) Repeat step 2.
- 4) Nozzles and screens should be removed and cleaned separately. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and boom.

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