

WARNIN
KEEP OUT OF REACH OF CHILDREN
ECOTOXIC

Distinct 500

HERBICIDE

ACTIVE INGREDIENT:

contains 500 g/l dicamba as the dimethylamine salt in the form of a soluble concentrate.

A selective herbicide for the control of certain broadleaf weeds in conservation tillage programs and in cereals, maize, some forage brassicas, pasture and waste areas. (Controls atrazine resistant fathen in maize)

Registered pursuant to the ACVM Act 1997, No. P10201

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval Code HSR000442.

See www.epa.govt.nz for approval controls.

IN A TRANSPORT EMERGENCY: CALL 111, POLICE OR FIRE BRIGADE



READ LABEL COMPLETELY BEFORE OPENING AND USING

GENERAL INFORMATION

Distinct 500 is active against many broadleaf weeds and is particularly useful in assisting the activity of phenoxy herbicides such as MCPA 750, 2,4-D ester, 2,4-D amine. **Distinct 500** can be mixed with glyphosate where control of white clover is desired. Best control is achieved when **Distinct 500** is applied to seedling weeds (3 – leaf stage, or rosettes of less than 5 cm diameter).

- Do not spray if rain is expected within six hours.
 - Do not spray if weeds are wet with dew or rain, or are under stress from drought, extreme cold or waterlogging.
 - Do not spray outside recommended crop growth stage
- do not spray Swedes, forage rape or hybrid brassicas.

Distinct 500 is harmful to clover, the re-establishment of clover may be difficult for up to two months after spraying.

PLANT BACK PERIOD: Do not plant legume crops (peas, beans, lucerne, lupins, clover) within 28 days after spraying Distinct 500. Grass, cereal and brassica crops do not require any waiting period.

WEEDS CONTROLLED OR SUPPRESSED

Annuals

Mouse-ear chickweed, Black medic, Black nightshade, Cape weed, chamomiles, chickweed, cleavers, annual clovers, cornbind, cut-leaved geranium, dove's foot, fathen (N.B. not the dicamba resistant biotype), fireweed, hemp nettle, hedge mustard, mallows, Onhunga weed, nipplewort, prostrate amaranth, redroot (amaranth), shepherd's purse, stinking mayweed, spiny emex, spurrey, thorn apple, vetches, willow weed (redshank), wireweed.

Biennials, Perennials

Alligator weed, Californian thistle, cats ear, dandelion, docks, fennel, bindweed, goat's rue, greater bindweed, hawkbit, hemlock, inkweed, leafy spurge, mallows, pearlwort, pennyroyal, perennial clovers, perennial sow thistle, ragwort, selfheal, sheep's sorrel, wild carrot, wild onion, yarrow.

Weeds not controlled

Distinct 500 does not control fumitory, plantains, star weed, stonecrop or speedwells.

Recommendations

Use	Rate	Comments
Direct drilling of brassicas, cereals, pasture grasses	Apply 600 mL Distinct 500 plus glyphosate at label rate in 100 – 200 L water/ ha.	Graze pasture and allow 5-10 cm of regrowth before spraying. Allow three days for chemicals to be absorbed (5-7 days for couch, Californian thistle) the drill as soon as possible. See glyphosate label for dose rates for problem weeds.
Cereals: wheat, barley, oats	Apply 140 - 280 mL Distinct 500 plus 1 L of a MCPA 750 product in 100- 200 L water/ ha	Apply only when the crop is in the 4-5 leaf stage, between tillering and jointing. Use the lower rate for small weeds, the higher rate for advanced weeds or when Californian thistle is present. Do not spray crops undersown with clover or lucerne.
Turf	Apply 800 mL Distinct 500 plus 1.5 L of a MCPA 750 product in 150- 200 L water/ ha.	Apply as a boom spray
Linseed	Apply 240 - 280 mL Distinct 500 in 100 –200 L water/ ha	Spray after the crop has 4 true leaves and before flower buds have formed. Some growth suppression may occur, with a delay in maturity. Do not spray crops undersown with clover or lucerne.
Maize	Apply 400 - 600 mL Distinct 500 in 200 L water/ ha	For the control of fathen (including atrazine resistant fathen) field bindweed, and Californian thistle. Apply as an overall spray when the maize is 10 – 30 cm high. For larger weeds apply the higher rate. On short relative maturity hybrids (100 days or less) use the lower rate at the earlier growth stage. Adjust the boom height relative to the crop height for best Mtcoverage.
Marrow stemmed kale (Choumollier) Thousand	Apply 280 - 340 mL Distinct 500 in 200 L water/ ha	Spray when the crop is in the 4 – 6 true- leaf stage and when weeds are small and actively growing

headed kale		
Oil seed rape	Apply 200 - 280 mL Distinct 500 in 200-300 L water/ ha	Spray when the crop is in the 4 – 6 true- leaf stage and when weeds are small and actively growing. Do not exceed the higher rate and do not spray if crop is under stress
Pasture	100 mL Distinct 500 plus 260 mL of a MCPA 750 in 100 L water/ ha.	For the control of Californian thistle: apply as a spot spray just before flowering.
	120-140 mL Distinct 500 plus 630 mL of 2,4.D ester in 100 L water/ ha. **	For ragwort control. Avoid spraying surrounding pasture. Even repeated sprays may not control regrowth ragwort in multicrown form.
Waste areas	80-120 mL Distinct 500 plus 320 mL 2,4.D ester in 100 L water/ha. **	Apply as a wetting spray in Spring or Autumn. Add glyphosate for grass weed control. Add simazine for long term control.

** or the recommended rate for the formulation used.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.

WITHHOLDING PERIOD

Do not graze treated areas or feed treated crops or threshings to livestock for two weeks after application.

RESISTANCE MANAGEMENT

Distinct 500 contains the GROUP 4 HERBICIDE Dicamba belonging to benzoic acid chemical group. Resistance to this herbicide could develop from excessive use. To minimize this risk use strictly in accordance with label instructions and resistance management strategies (www.resistance.nzpps.org/) if any for the crops listed on this label.

CONDITIONS OF SUPPLY

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.

IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.



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