

CONSERVATION TILLAGE: VIVENDI 300 herbicide controls a range of hard-to-control weeds such as clovers, Californian and other thistles, plantains and yarrow in conservation tillage programmes (minimum tillage or direct drilling).

WEEDS	RATE/HECTARE Litres/ha	COMMENTS
Clovers, narrow-leaved plantain, thistles	0.5 - 0.7	For best results apply to actively growing weeds.
Californian thistle	1	Apply from rosette to early flower. Retreatment may be required.
Yarrow	1	Apply to actively growing yarrow, autumn to spring. For best results surface cultivate no less than one week after treatment.

For broad spectrum weed control in conservation tillage programmes, VIVENDI 300 may be mixed with other herbicides such as paraquat (20% ai) or glyphosate (36% ai). Observe the directions and recommendations stated on the individual labels, when such products are used with VIVENDI 300 in tank mixtures.

CROP ESTABLISHMENT: Brassicas, cereal and ryegrass crops may be drilled any time after application of VIVENDI 300 herbicide.

CAUTION: Do not plant susceptible crops (clover, peas, beans, potatoes, tomatoes, carrots, cucurbits) within 12 weeks of applying up to 0.5 litres/ha of VIVENDI 300 herbicide. Where more than 0.5 litres/ha is applied do not plant susceptible crops within 6-12 months of treatment without sowing a small area first to check soil residues.

FORESTRY: (Radiata pine): Apply 10 litres/ha in mixture with Tribel 600EC herbicide at 1 litre/ha to release trees from gorse, broom and wattles. Add a suitable organosilicone penetrant to improve weed control. Temporary light tree damage in the form of distortion may occur particularly where trees are well above competing weeds. To suppress weeds and allow the trees to compete, apply to gorse and broom after flowering and during soft spring growth. Best results are obtained from treating gorse up to 1 metre high. For the control of wattle best results are achieved from treating actively growing plants less than 2 metres tall. Good control of **Acacia dealbata** (silver wattle) and **Albizia lophantha** (brush wattle) is achieved. **Acacia decurrens** (green wattle) is not controlled.

SPOT TREATMENT:
Hand gun: Use VIVENDI 300 herbicide at 500 ml/100 litres of water applied to full coverage through a No. 6-8 tip at 1000-2500 kPa. Add an organosilicone penetrant to improve weed control.

Mistblower: Use VIVENDI 300 herbicide at 40 ml/litre of water. For ULV attachment use 200 ml/litre of water using the No. 3 or 4 hole. Add an organosilicone penetrant to improve weed control.

MAIZE AND SWEETCORN: Apply 0.5 – 1 litre/ha for the control of Californian thistle, yarrow and Bathurst bur, and 1 litre/ha for the control of volunteer potatoes. Apply after the maize or sweetcorn reaches the 3 leaf expanded stage but before crop closure. For volunteer potatoes apply after full potato emergence but before tuber formation.

ORCHARDS: To control susceptible broadleaf weeds in mature pipfruit, stonefruit and citrus orchards, apply VIVENDI 300 herbicide at the recommended rates in the preflower or early postflower period. Direct spray to minimise contact with trees.

SHELTER AND ORNAMENTAL TREES: Apply 1-2 litres/ha as a directed spray. Use rates as for amenity areas. Shelter trees such as conifers, willows, poplars, Casuarina, Cryptomeria and Eucalyptus are tolerant. Many other trees and shrubs are also tolerant. Consult your distributor for advice. Do not apply to legumes or Compositae.

MIXING: VIVENDI 300 herbicide mixes readily with water. Pour the measured quantity of VIVENDI 300 into the partly filled spray tank and add the remainder of the water. Agitate well during filling.

EQUIPMENT:
Aerial: Use 200-400 litres of water per hectare. Apply with a calibrated aircraft using the half overlap opposite pass flying techniques.
Boom: VIVENDI 300 herbicide can be applied with conventional, correctly calibrated boom application equipment. Use up to 300 litres of water per hectare. Flush equipment thoroughly with clean water after use.
High Volume Gun Application: Ensure thorough coverage of all weeds using a No. 6 tip or similar at 1000-2000 kPa.
Mistblower: To control woody weeds use 40 ml/litre of water. For ULV attachment use 200 ml/litre of water using the No. 3 or 4 hole. Ensure thorough coverage. **Knapsack applications:** When using a knapsack for broadcast application use at least 400 litres of spray mix/ha. For spot treatment ensure thorough coverage.
Lawnboy: Use 20 ml per 10 litre tank as a double pass application. **'Carpet' type Weed Wipers:** For control of Californian thistle mix 250 ml VIVENDI 300 herbicide with 10 litres of water. Follow the rotary weed wiper manufacturer's operating instructions to apply the herbicide mix.



UN3082. CLASS 9, PG III. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CLOPYRALID).
Do not carry this product on a passenger service vehicle.

IT IS AN OFFENCE FOR USERS OF THIS PRODUCT TO CAUSE RESIDUES EXCEEDING THE RELEVANT MRL IN THE FOOD NOTICE: MAXIMUM RESIDUE LEVELS FOR AGRICULTURAL COMPOUNDS.

DIRECTIONS FOR USE:
VIVENDI 300 herbicide is selective to a wide range of crops except legumes and compositae (daisy family). It is compatible with most commonly used herbicides. VIVENDI 300 is damaging to clovers. At 100 ml/ha clovers in pasture may be severely suppressed for 2-6 months. Above 100 ml/ha clovers may be removed from the sward.

TURF AND AMENITY AREAS (golf courses, sportsfields and playing fields):
NOTE: DO NOT USE FOR TREATING TURF THAT WILL BE MOWN AND THE CLIPPINGS USED FOR MAKING COMPOST, OR MADE AVAILABLE FOR COLLECTION FOR, OR DEPOSITED AT, A MUNICIPAL GREEN WASTE RECYCLING DEPOT.

WEEDS	BROADCAST RATE Litres/ha	SPOT SPRAY RATE		COMMENTS
		High Vol. ml/100L	Knapsack ml/10L	
Clover	0.7	70	17	Apply to actively growing plants.
Californian thistle	1	100	25	Apply from rosette to early flower. Retreatment may be required.
Bathurst bur, daisy, hawkesbeard, hawkbit, medics, Onehunga weed, oxeye daisy, narrow-leaved plantain, thistles (annual and biennial)	1	100	25	Apply to actively growing plants.
Yarrow	1	100	25	Apply to actively growing foliage. Matted mature plants may need more than one application.
Catsear, fireweed	1.5	150	35	Apply to actively growing plants.
Ragwort, sow thistle, lotus	2	200	50	Apply to actively growing rosettes.
Cape daisy	1-2	200	50	Apply to actively growing rosettes. Use low rate on seedlings.
Hemlock, lupin	Not recommended	100 200	25 50	Apply to actively growing plants.
Old mans beard	12-25	500	125	
Broom, gorse	Not recommended	500	125	Apply to actively growing plants Oct-Jan.

CAUTION: NOT FOR USE IN HOME GARDENS

ASPARAGUS: (Established beds only) – To control Californian thistle, yarrow, clover and thistles.
Pre-cutting: Apply 0.5 - 1 litre/ha to within 3 days of cutting.
During cutting: Apply 0.5 litre/ha. Do not cut within 3 days of treatment.
Post-harvest: Apply 0.5 - 1 litre/ha over spears. Use directed application if spears are opening or ferns are present.
CAUTION: Some damage may occur if treatment is made over open spears or mature fronds.

BEETS: FODDER AND SUGAR BEETS – Apply 0.5 - 1 litre/ha for the control of Californian thistle and yarrow. Apply after the 2 true leaf stage of the crop and before bulbous root formation.

FIELD BRASSICAS: Apply 0.5 - 1 litre/ha for the control of Californian and other thistles and yarrow. Apply after the 2 true leaf stage of the crop and before it closes over.

CEREALS: Apply 0.3 - 1.0 litre/ha for the control of Californian thistle and yarrow and 1 litre/ha for control of volunteer potatoes. Apply after the 2 true leaf stage of crop and before the 2 node stage. For volunteer potatoes apply after full potato emergence but before tuber formation. To improve the spectrum of weeds controlled, VIVENDI 300 may be tank-mixed with MCPA or other cereal herbicides, and should be applied at the timing recommended for these herbicides.

CAUTION: Do not use straw from VIVENDI 300 herbicide treated crops for compost or mulch.

COMPATIBILITY: VIVENDI 300 herbicide is compatible with most commonly used herbicides and cereal fungicides/insecticides.

WARNING

KEEP OUT OF REACH OF CHILDREN
ECOTOXIC - NOT FOR USE IN HOME GARDENS

Vivendi® 300

Herbicide

FOR THE CONTROL OF CERTAIN BROADLEAF WEEDS.

Active Ingredient: Contains 300g/litre clopyralid as the amine salt in the form of a soluble concentrate.

GROUP 03 HERBICIDE

Registered pursuant to the ACVM Act 1997 No. P7197
See www.foodsafety.govt.nz for registration conditions.

In a transport emergency dial 111, Police or Fire Brigade.
**For specialist advice in an emergency only call:
0800 734 607 (24 hours).**




Net Contents: 5 litres



READ THIS LABEL COMPLETELY BEFORE MIXING OR APPLYING.

BEWARE: APPLY THIS PRODUCT CAREFULLY. SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS. NOT FOR USE IN HOME GARDENS OR LAWNS.




HSNO Classifications: 9.1B, 9.2A, 9.3C
Approved under the HSNO Act 1996, HSR000760. See www.epa.govt.nz for controls.
Qualified Person/Contractor: Required.

PRECAUTIONS: Keep out of reach of children. When mixing or applying wear eye protection, waterproof gloves, boots and cotton overalls. Avoid contact with eyes and skin and inhalation of spray mist. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and exposed skin before meals and after work. Avoid contamination of any water supply with chemical or empty container. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water.

STORAGE: Store locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed. See Safety Data Sheet for further information.

ENVIRONMENTAL INFORMATION: Toxic to aquatic life with long lasting effects. DO NOT apply when weather conditions favour drift from the target area. Very toxic to the soil environment. Harmful to terrestrial vertebrates.

Disposal of containers: Triple rinse container and add residue to spray tank. Dispose of empty container safely. Return empty container to an AgRecovery collection point for disposal. Avoid contamination of any water supply with chemical or empty container.



www.agrecovery.co.nz

FIRST AID: If ingested: Do not induce vomiting. Call a physician. Contact doctor or local anti-poison centre to determine whether or not it is necessary to make victim vomit. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766). **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. **If on skin:** Wash skin thoroughly with water and soap. If irritation or rash develops get medical attention/advice. **If inhaled:** Remove victim to fresh air. Consult a physician.

SPILLS: Wear protective equipment to prevent skin and eye contamination and inhalation of vapors. Contain and prevent contamination of drains and waterways. Use absorbent, soil, vermiculite, attapulgit bentonite or clay absorbent. Collect and seal in plastic lined drums for disposal in an authorised landfill. Contact your local authority for guidance. Wash the spill zone down with excess water avoiding contamination of any water body.

ENVIRONMENTAL INFORMATION: DO NOT apply when weather conditions favour drift from the target area. Ecotoxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. Ecotoxic in the soil environment.
RESISTANT WEEDS WARNING: Vivendi 300 is a **GROUP 03 HERBICIDE** from the pyridine carboxylic acid chemical group. Naturally occurring weed biotypes resistant to pyridine carboxylic acid herbicides can become more prevalent after many years of continuous use. To delay the onset of, or control resistant weeds, use in rotation with herbicides of different mode of action. Since the occurrence of resistant weeds is difficult to detect prior to use Adria New Zealand Ltd accepts no liability for losses that may result from the failure of this product to control resistant weeds.

Notice to Buyer: Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

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Batch number and manufacturing date: See on packaging

