

ForageMax[®]

Arylex[®] active

HERBICIDE

ACTIVE CONSTITUENTS:

100 g/L HALAUXIFEN as the methyl ester

50 g/L AMINOPYRALID as the triisopropylamine salt

GROUP I HERBICIDE

A suspension concentrate formulation for post-emergent control of broadleaf weeds in forage brassicas as specified in the Directions for Use.

Pack Sizes: 1 L & 5 L

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre.

Phone: *Australia* 13 11 26.

If in eyes wash out immediately with water.

SAFETY DIRECTIONS

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet for **FORAGEMAX[®] HERBICIDE** which is available from Corteva Agriscience on request. Call Customer Service Toll Free on 1-800 700 096 or visit www.corteva.com.au

EMERGENCY RESPONSE (ALL HOURS)

RING FROM ANYWHERE IN
AUSTRALIA

1800 370 754

(LOCAL CALL FEE ONLY)

IN A TRANSPORT
EMERGENCY ONLY

DIAL 000

FOR POLICE OR
FIRE BRIGADE



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Visit us at corteva.com.au

DIRECTIONS FOR USE

Forage brassicas – rape and turnips only

RESTRAINTS

DO NOT apply to crops or weeds which may be stressed due to prolonged periods of extreme cold, moisture stress (water-logging or drought) or previous herbicide treatment, as crop effects or reduced levels of weed control may result.

DO NOT sow susceptible crops into paddocks treated the previous season with ForageMax until after the required plantback period has elapsed – see GENERAL INSTRUCTIONS.

DO NOT spray if rain is likely to occur within three hours or if heavy rain is likely to occur within 48 hours.

DO NOT store mixed spray of ForageMax in a spray tank for more than 1 day otherwise significant breakdown will occur.

DO NOT use on furrow or flood irrigated crops.

DO NOT apply by air.

SPRAY DRIFT RESTRAINTS

DO NOT apply ForageMax with spray droplets smaller than a coarse spray droplet size category according to the “APVMA Compliance Instructions for Mandatory COARSE Droplet Size Categories” located under this title in the GENERAL INSTRUCTIONS section of this label.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product **MUST** make an accurate written record of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are:

1. Date with start and finish times of application;
2. Location address and paddock/s sprayed;
3. Full name of this product;
4. Amount of product used per hectare and number of hectares applied to;
5. Crop/situation and weed/pest;
6. Wind speed and direction during application;
7. Air temperature and relative humidity during application;
8. Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application;
9. Name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used).

MANDATORY NO SPRAY ZONES

DO NOT apply if there are aquatic or wetland areas including aquacultural ponds, surface streams and rivers within 10 metres downwind from the application area.

DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat within 25 metres downwind from the application area.

**Forage brassicas – rape and turnips (all states), including those undersown with grass pastures.
Read Crop Safety Directions below.**

Adjuvant: Always add Uptake™ Spraying Oil at 1L/100L			
Crop stage: Apply from 4 leaf to 8 leaf brassica crop stage.			
WEED	WEED STAGE	RATE (mL/ha)	CRITICAL COMMENTS
Capeweed (<i>Arctotheca calendula</i>)	2-6 leaf stage 5-15 cm across	100	<p>Weed growth stage: Treat small weeds up to 6 leaf or 15 cm across for best results. Control will be reduced if larger weeds are treated.</p> <p>Conditions: For best results treat weeds that are actively growing, and have excellent soil moisture and are not stressed in any way. Control will be reduced if weeds are stressed in any way.</p> <p>Crop stage and type: Only treat brassicas in the 4-8 leaf growth stage. Treatment outside these growth stages may result in higher crop injury. DO NOT treat radishes as high injury is likely to result.</p>
Cleavers (<i>Galium aparine</i>)			
Deadnettle (<i>Lamium amplexicaule</i>)			
Fat hen (<i>Chenopodium album</i>)			
Fleabane (<i>Conyza</i> spp.)			
Fumitory (<i>Fumaria</i> spp.)			
Mexican poppy (<i>Argemone mexicana</i>)			
Milk thistle (Sowthistle) (<i>Sonchus oleraceus</i>)			
Rough Sowthistle (<i>Sonchus asper</i>)			
Poppies (<i>Papaver</i> spp.)			
Prickly lettuce (<i>Lactuca serriola</i>)			
Shepherd's purse (<i>Capsella bursa-pastoris</i>)			
Small flowered mallow (seedlings) (<i>Malva parviflora</i>)			
Volunteer legumes, including: Chickpea (<i>Cicer arietinum</i>) Clover (<i>Trifolium</i> spp.) Faba bean (<i>Vicia faba</i>) Field pea (<i>Pisum sativum</i>) Lentil (<i>Lens esculentum</i>) Lupin (<i>Lupinus albus</i>) Medics (<i>Medicago</i> spp.) Vetch (<i>Vicia sativa</i>)			

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS

DO NOT GRAZE OR CUT TREATED CROPS FOR STOCK FEED FOR 2 WEEKS AFTER APPLICATION.

LIVESTOCK DESTINED FOR EXPORT MARKETS

When ForageMax is used as directed and the above withholding period is observed, livestock commodities are considered acceptable for export. However, export requirements are subject to change. Consult your exporter for updated information about specific market requirements.

CROP SAFETY

DO NOT use in forage brassica crops undersown with legume pasture species eg. medics, clovers.

DO NOT use in forage brassica crops undersown with millets if grazing is desirable. ForageMax will result in significant injury on millets.

DO NOT apply to crops or weeds which may be stressed due to prolonged periods of extreme cold, moisture stress (water-logging or drought) or previous herbicide treatment, as crop effects or reduced levels of weed control may result. When treatment is followed by a severe stress such as drought, prolonged cold, waterlogging or frosty conditions, crop effects such as leaf crinkling, cupping or midvein thickening and whitening may occur. In some cases there may be an initial growth retardation and biomass reduction. Crops normally recover without loss of dry matter production. Disease, nematode or insect damage after application may also result in crop injury.

GENERAL INSTRUCTIONS

MINIMUM RECROPPING PERIODS following application in forage brassicas.

Crop Rotation Recommendations

Use of ForageMax may prevent early re-establishment of many crops or pastures after treatment. The period that residues persist in the soil will vary according to site conditions such as climate, presence of soil microorganisms, soil temperature and moisture. Breakdown is fastest in warm, moist soil and slower in cold, dry soil conditions. Land previously treated with ForageMax should not be rotated to crops other than those listed in the table below. Tolerance of other crops (grown through to maturity) should be determined on a small scale before sowing into larger areas. The ForageMax treated area may be replanted to any of the specified crops after the interval indicated in the following table:

Plantback Periods

Crops	Rainfall*	Plantback period
Tolerant crop including Winter cereals (wheat, barley, triticale, oats and ryegrass) or Brassica crops (canola, rape or turnips)	> 100 mm	4 months
Sensitive crops including (but not limited to) legumes, linseed, safflower and millet	> 300 mm (with > 150 mm Nov-Mar)	12 months
Sensitive crops – poppies, potatoes, pyrethrum	> 300 mm (with > 150 mm Nov-Mar)	12 months

* Rainfall – to safely plant tolerant crops (winter cereals or brassicas), there must be sufficient rain and of such distribution to ensure soil wetting to 10 cm for longer than 2 weeks.

To safely plant sensitive crops, more than 150 mm of the total rain required to safely replant as listed in the table above, must fall over the warmer months of November to March, to ensure soil wetting to depth at least of 10 cm for longer than 2 weeks. Where less than 300 mm rain occurs between application and planting following the sensitive crop, plant a small area of crop before planting whole area, to determine whether safe to plant or not.

See also PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS.

Where ForageMax residue carryover is suspected and sensitive crops are to be planted, test the treated area as follows:

Where rain allows, plant a small area of the susceptible crop 4 to 6 weeks before desired planting date and take note of any symptoms of injury. If any herbicide symptoms are observed, only plant a tolerant cereal or brassica crop.

Pot bioassay – where not practical to do field bioassay, plant a small number of seeds of the susceptible crop into pots containing soil from the treated field. Do this test 4 to 6 weeks before desired planting date. If any herbicide symptoms are observed, only plant a tolerant crop (see recommendations for northern and southern Australia below).

Clovers are highly sensitive to ForageMax and therefore are a good test species for a bioassay.

Planting crops following use of ForageMax in previous forage brassica crop

Planting crops 'dry' without appropriate rain (see above) in the fallow prior to planting increases the risk of injury to sensitive crops. This practice should be avoided or only plant a tolerant crop. In severely dry conditions, where:

- less than 30% of average annual rainfall, or
- less than 300 mm rain has fallen between application and planting the next year, or
- less than half the total rain required (> 300 mm) has fallen between November and March, only plant a tolerant crop.

MIXING

ForageMax is a suspension concentrate to be mixed with water. ForageMax should be added to the spray tank with simultaneous agitation. If ability to agitate the spray tank is limited, premix the ForageMax in a bucket before adding to the main tank. Once diluted correctly, ForageMax remains suspended. THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

ForageMax should be mixed and sprayed out within one day. If unable to mix spray immediately, continuous agitation must be maintained to ensure suspension. In tank mixes ForageMax must be in suspension before adding the partner product or Uptake Spraying Oil.

If tank mixing with other products, the following order should be followed:

1. Quarter fill the spray tank, maintaining agitation, then:
2. Add ForageMax (as described above).
3. Add water to half fill the spray tank.
4. Add wettable powders, water dispersible granules or suspension concentrates.
5. Add emulsifiable concentrates.
6. Add Uptake Spraying Oil when spray tank is half full.
7. Add water to bring to the final spray volume.

COMPATIBILITY

ForageMax is compatible with the following:

Insecticides: Success™ Neo and Lorsban™ 500 EC.

Some increased temporary crop effect may occur when ForageMax is applied as a tank mix with these insecticides.

Adjuvant: Always use Uptake™ Spraying Oil at 1 L/100 L spray volume.

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APPLICATION

Ground Boom Spraying: Apply ForageMax in 80-200 L water/ha using a coarse spray through accurately calibrated equipment. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping as injury to the crop may occur.

APVMA compliance instructions for mandatory COARSE or larger droplet size categories.

Important information

These instructions inform those using this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the

BCPC guideline. Nozzle manufacturers may refer to one or both of these documents, to identify droplet size categories; however, for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.

Instructions for ground application – for COARSE droplet size or larger categories.

Mandatory instructions for ground applications.

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category, as referenced in ASAE S572 or BCPC. Choose a nozzle that is specified to provide the droplet size category required in the label SPRAY DRIFT RESTRAINTS.

DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label SPRAY DRIFT RESTRAINTS.

CLEANING SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and their roots and watercourses.

Rinsing: After using ForageMax, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain, and clean any filters in the tank, pump, lines, hose and nozzles. After cleaning the tank as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination: Before spraying sensitive crops (see PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS):

Wash the tank and rinse the system as above. Then quarter fill the tank and add a standard alkali based laundry detergent at 500 g (or mL)/100 L water and circulate through the system for at least 15 minutes. If using a concentrated laundry detergent, use 250 g (or mL)/100 L water. Do not use chlorine based cleaners.

Drain the whole system. Remove filter and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

RESISTANT WEEDS WARNING

GROUP I HERBICIDE

ForageMax contains members of the pyridine and arylpicolinate groups of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group I herbicide. Some naturally occurring weed biotypes resistant to the product and other Group I herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences

accepts no liability for any losses that may result from the failure of the product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Sensitive crops and plants include, but are not limited to chickpeas, clovers, cotton, faba beans, field peas, flowers, fruit trees, hops, lentils, lupins, lucerne, medics, millet, ornamentals, peas, poppies, potatoes, pyrethrum, safflower, shade trees, sub-clover, sugar beet, tobacco, tomatoes, vegetables, vetches, vines (grape and kiwi fruit), wattles and white clover. Field peas, faba beans, lentils and vetches are particularly sensitive.

This product will kill or severely injure legumes (clovers, medics) present in the crop at the time of spraying. In the season following application of this product the regeneration or establishment of sensitive crops may be adversely affected by soil residues.

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto non-target vegetation.

DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted to desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.

DO NOT move soil, which may have been sprayed, to areas where desirable plants are to be grown.

MANAGEMENT OF RESIDUES IN COMPOST, MULCHES AND ANIMAL WASTE

Do not send treated crops off-farm as fodder or forage. Aminopyralid residues from treated plants may pass into animal manure. If the manure is used to make compost or spread around plants it may cause injury to sensitive plants.

Do not spread manure from animals that have grazed or consumed forage or fodder from treated areas on land used for growing susceptible broadleaf crops.

Dairy and feed pad effluent

Effluent from animals grazing forage brassicas treated with ForageMax within the last four weeks may contain residues. Disposal of this effluent by irrigation during this period may cause damage to clover and other sensitive crops. Effluent from these animals may contain residues for 4 days after removal of the animals from the ForageMax treated crops.

DO NOT send off-farm any effluent (or compost made from it) from animals that have grazed on crops treated with ForageMax within the last 4 weeks until the animals have grazed for 4 days on clean feed. This restriction is not required if 4 weeks has elapsed from treatment to grazing.

PROTECTION OF LIVESTOCK

Poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

ForgeMax is very toxic to aquatic life. **DO NOT** contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

Store in the tightly closed original container in a securely locked place, out of direct sunlight.

DO NOT store near food, feedstuffs, fertilisers or seed.

DO NOT reuse container.

The method of disposal of the container depends on the container type. Read the STORAGE AND DISPOSAL instructions on the label that is attached to the container.

SMALL SPILL MANAGEMENT

Wear appropriate clothing whilst cleaning up small spills (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material and contain in a refuse vessel for disposal. Disposal of the contaminated material must be done in accordance with STATE and/or LOCAL regulations.

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APVMA Approval No.: 68249/105621

This product is GHS compliant. No additional GHS hazard and precautionary statements are required under the WorkSafe Australia exemptions for AgVet products.

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