

WARNING | TOXIC ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

ExtractaTM
Herbicides

Dicamba 480

Manufactured for Wholesale Seeds Ltd by:

Danken New Zealand Ltd

P.O. Box 16194 Hornby 8441 Christchurch, New Zealand
sales@danken.co.nz Phone: 0800 326 536

Active Ingredient: 480 g/L Dicamba as the dimethylamine salt in the form of a soluble concentrate

GROUP 4 HERBICIDE

PerformaTM
Crop Protection

A selective herbicide for control of certain hard to kill broadleaf weeds in conservation tillage programs and in cereals, maize, some forage brassicas, waste areas and spot treatment in pastures



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Registered pursuant to the ACVM Act 1997, No. P10154
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, HSR000442
See www.epa.govt.nz for approval conditions



Batch No:

Date of Manufacture:

Net Contents:

20 Litres

Wholesale Seeds

5 Bryant Street, Ashburton | 03 307 9260 | Wholesaleseeds.co.nz

READ LABEL COMPLETELY BEFORE OPENING AND USING PRODUCT

GHS CLASSIFICATION:

Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.



TOXICITY

WARNING: Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

ECOTOXICITY

Very toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. Do not apply directly into or onto water. Collect spillage.

Very toxic to the soil environment.

Selective herbicide – very toxic to some plant species. Decontaminate spray equipment before use on a sensitive crop.

Beware – apply this product carefully. Spray drift may cause serious damage to desirable plants. Ensure compliance with any relevant regional air management plans. Do not allow spray drift over aquatic environments.

Toxic to terrestrial vertebrates and invertebrates. Do not apply substance to plants if Bees are foraging.

HANDLING PRECAUTIONS

PERSONAL QUALIFICATIONS

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

Records of use as described in NZS 8409 Management of Agrichemicals must be kept if using 3 Kg or more of EXTRACTA HERBICIDES DICAMBA 480 is applied to an application area within 24 hours.

STORAGE

Keep out of reach of children. Store in the original container, tightly closed, in a locked cool, dry and well-ventilated area away from feed or foodstuffs. Avoid storage at temperatures below 5°C and above 35°C. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.

Stores containing 100 L or more of EXTRACTA HERBICIDES DICAMBA 480 are subject to signage, secondary containment and an emergency response plan.

PERSONAL PROTECTION

Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective equipment daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use.

DISPOSAL

Dispose of this product only by using in accordance with this label, or at a suitable landfill. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural container recycling scheme. Do not burn. Do not use container for any other purpose.

First Aid

If swallowed, Rinse mouth, do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/ attention. 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. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If medical advice is needed, have product container or label at hand.

Emergency Response

In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622) (24 hrs).

Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in waste container. Wash area with water, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet which is available from the distributor.

WARRANTY

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's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

DIRECTIONS FOR USE

WEEDS CONTROLLED

Alligator weed, black medic, black nightshade, californian thistle, cape weed, catsear, chamomiles, chickweed, cleavers, clovers, cornbind, cut-leaved geranium, dandelion, docks, dove's foot, fathen, fennel, field bindweed, fireweed, goat's rue, greater bindweed, hawkbit, hemp nettle, hedge mustard, hemlock, inkweed, leaf spurge, mallows, mouse eared chickweed, Onehunga weed, nipplewort, pearlwort, pennyroyal, perennial sow thistle, prostrate amaranth, redroot (amaranth), ragwort, selfheal, shepherd's purse, sheep's sorrel, sow thistle, stinking mayweed, spiny emex, spurrey, thorn apple, vetches, wild onion, wild carrot, willow weed (redshank), wireweed, yarrow.

WEEDS NOT CONTROLLED

Fumitory, plantains, starweed, stone crop, speedwells.

APPLICATION

EXTRACTA HERBICIDES DICAMBA 480 can be applied with conventional boom and spot spraying equipment. To minimise the risk of spray drift, avoid using nozzle/pressure combinations that produce fine droplets. Do not exceed recommended use rates and avoid boom overlaps. Best results will be achieved by spraying when weeds are young, actively growing and before the 3-5 leaf stage (unless stated otherwise). Do not spray when weeds are under stress from drought, extreme cold or waterlogging. Do not spray outside recommended crop growth stages, otherwise crop damage may occur.

MIXING

Add the required quantity of **EXTRACTA HERBICIDES DICAMBA 480** to the spray tank partly filled with water and agitate. Where a second chemical is to be used, add the **EXTRACTA HERBICIDES DICAMBA 480** first.

COMPATIBILITY

EXTRACTA HERBICIDES DICAMBA 480 is compatible with most commonly used herbicides, insecticides and fungicides including MCPA 375 g/L SL, 2,4-D 680 g/L EC and Simazine 500 g/L SC.

SPRAYER DECONTAMINATION

Always wash tank and flush equipment thoroughly with clean water after use. To avoid subsequent injury to sensitive crops, immediately after spraying thoroughly remove all traces of **EXTRACTA HERBICIDES DICAMBA 480** from mixing and spraying equipment as follows:

1. Drain tank, then flush tank, booms and hoses with clean water.
2. Quarter fill the tank with clean water and add 500 g of an alkaline detergent per 500 L of water. Circulate through the system for at least 15 minutes with agitation then drain.
3. Drain the whole system.
4. Nozzles and filters should be removed and cleaned separately.
5. Finally, rinse tank through with clean water, flush through hoses and boom and allow to drain.

RESISTANCE MANAGEMENT **GROUP 4 HERBICIDE**

EXTRACTA HERBICIDES DICAMBA 480 contains Dicamba, a GROUP 4 HERBICIDE from the benzoic acid chemical group with the action like indole acetic acid (synthetic auxins) mode of action. Naturally occurring weed biotypes resistant to dicamba are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include fathen. To prevent or delay development of resistant biotypes, use **EXTRACTA HERBICIDES DICAMBA 480** in tank mixture or rotation with herbicides of a different mode of action against the weed. Consult www.resistance.nzpps.org for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

CROP PRECAUTIONS

Do not spray undersown crops, pastures (except as a spot spray), peas, lucerne, potatoes and lupins.

Avoid drift of spray onto susceptible crops – tomatoes, lettuce, pumpkin, grapes and ornamentals or to where their roots may extend.

CLOVER

EXTRACTA HERBICIDES DICAMBA 480 injures clover and re-establishment of clover in pasture may be difficult for up to 2 months after spraying.

Crop	Weeds Controlled	Rate Per Hectare	Comments
CEREALS – (Wheat, barley, oats)	150 - 300 mL in a mixture with 1.5 – 2 litres MCPA 375 g/L SL in 100 - 200 litres water/ha	Apply only when the crop is at the 4 - 5 leaf stage between tillering (GS21) and jointing (GS31)	Use the lower rates for small weeds and higher rates for more advanced weeds and where Californian thistle is present. Do not spray crops undersown with clover or lucerne
DIRECT DRILLING - Brassicas and cereals	625 mL litres in mixture with 3 litres of glyphosate 360 g/L in 100 - 200 litres water/ha	Apply to pasture with 5 - 10 cm of regrowth following grazing	Allow 3 days for foliageabsorption (5 - 7 days for couch or Californian thistle) before drilling
KALE – (Marrow stemmed (choumollier) and thousand headed)	300 – 350 mL in 200 litres water/ha	Apply when crop is 4 - 6 true leaf and weeds are small and actively growing	None
LINSEED	250 - 300 mL in 110 - 170 litres water/ha	Apply when crop has 4 true leaves and before flower buds have formed in stem tips	Do not spray crops undersown with clovers or lucerne
MAIZE	420 – 625 mL in 200 litres water/ha as a broadcast spray	Apply when maize is between 15 - 30 cm high	Use the higher rate on larger weeds. On hybrids with a short relative maturity (100 days or less) use the lower rate and apply at the earlier growth stage. When applied early, when maize and weeds are small, position the spray boom height relative to the ground. Adjust boom height as the maize grows, but do not position the nozzles directly above the maize whorls. Aerial Application: Apply in a minimum of 50 litres water/ha. Warning: Spraying outside the recommended growth stage or above the application rate may lead to crop damage.
OIL-SEED RAPE	210 -300 mL in 200 - 300 litres water/ha	Apply when crop is 4 - 6 true leaf and weeds are small and actively growing	Do not exceed the higher rate or spray crop under stress
PASTURE Californian thistle Ragwort	100 mL in mixture with 500 mL MCPA 375 g/L SL per 100 litres water	Apply as a spot spray just prior to flowering	Avoid spraying the surrounding pasture
TURF - Lawns, golf and bowling greens, playing fields	125 - 150 mL in mixture with 400 mL 2,4-D 680 g/L EC per 100 litres water	Apply as a spot spray before the flower stalk is evident	Avoid spraying the surrounding pasture. Even repeat applications may not control regrowth due to the presence of multi-crowned ragwort
TURF - Lawns, golf and bowling greens, playing fields	850 mL in mixture with 3 litres of MCPA 375 g/L SL in 170 - 200 litres water/ha as a broadcast spray	Apply when weeds are small	Avoid mowing for about a week following application
NON-CROPLAND AREAS	85 – 125 mL in mixture with 200 mL 2,4-D 680 g/L EC per 100 litres water	Apply in the spring or autumn as a wetting spray with minimal run-off	For grass weed control, add a glyphosate product at label rates. For longer term control add simazine 500 g/L SC at label rates

SOIL RESIDUES

Do not sow legume crops (clover, lucerne, lupins, peas) within 28 days of applying EXTRACTA HERBICIDES DICAMBA 480. Grass, cereals, maize and brassica crops do not require any plantback period.

RAINFALL

Do not spray if rainfall is expected within 6 hours of spraying.

WITHHOLDING PERIODS

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.

Do not graze treated areas or feed treated crops or threshings to livestock for two weeks after application. Poisonous plants may be made attractive by spraying and stock should be kept away until sprayed plants have died down.