

orion AGRISCIENCE

HARMFUL | ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

Bandit[®]

HERBICIDE

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.

Active Ingredient:

480 g/litre dicamba as the dimethylamine salt in the form of a soluble concentrate.



5 Litres

PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATION: 6.1E, 6.3A, 6.4A, 6.9B, 9.1A, 9.2A, 9.3B, 9.4B

WARNING: TOXIC, ECOTOXIC

May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation. May cause liver damage from repeated ingestion at high doses. Very toxic to aquatic organisms and some plant species. Toxic to terrestrial vertebrates and terrestrial invertebrates.

PRECAUTIONS

APPROVED HANDLER: This product must be under the control of an approved handler during use.

STORAGE: Keep out of reach of children. Store in the original, tightly closed container, in a secure place away from foodstuffs, seeds, fertilisers, insecticides or fungicides used for crop protection. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

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 clothing 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.

USE: Apply with well maintained and calibrated spray equipment.

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.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur.

First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (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 a 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. Freephone **0800 ORIONAS (0800 674 6627)** or visit

www.orionagriscience.co.nz.

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.

Registered pursuant to the ACVM Act 1997, No. P7163

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

Approved pursuant to the HSN0 Act 1996, No. HSR000442

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

®BANDIT is a Registered Trade Mark of Orion AgriScience Ltd
™SIMATOP and THISTLE KILLEM are Trade Marks of Orion AgriScience Ltd

Registrant: Orion AgriScience Ltd,

Unit 1, 15 Sir Gil Simpson Drive,

Harewood, Christchurch 8053.

www.orionagriscience.co.nz

BANDIT

Batch No:

Date of manufacture:



AGRISCIENCE

PLEASE READ THE LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION

Bandit is active against many broadleaf weeds, and is particularly useful in improving the activity of phenoxy herbicides such as Orion MCPA 750, and Thistle Killem™ Ultra. Bandit can be tank mixed with glyphosate products to improve control of white clover and certain other broadleaf weeds.

Weeds controlled include: 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, leafy spurge, mallows, mouse-eared chickweed, Onhunga weed, nipplewort, pearlwort, pennyroyal, perennial sow thistle, prostrate amaranth, redroot, ragwort, selfheal, shepherd's purse, sheep's sorrel, sow thistle, stinking mayweed, spiny emex, spurrey, thorn apple, vetches, wild onion, wild carrot, willow weed, wireweed, yarrow.

Weeds not controlled include: Fumitory, plantains, starweed, stoncrop or speedwells.

Note: Bandit injures clover and re-establishment of clover in pasture may be difficult for up to 2 months after spraying. 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.

APPLICATION METHODS

Bandit 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 into the partly filled tank, then add the remaining water with agitation.

Note: When using mixtures, add Bandit to the partly filled tank first, mix, then add the other products and the remaining water with agitation.

COMPATIBILITY

Bandit is compatible with most commonly used herbicides, insecticides and fungicides.

SPRAY EQUIPMENT DECONTAMINATION

To prevent injury to subsequently sprayed sensitive crops, thoroughly decontaminate spraying equipment immediately after spraying:

1. Drain tank and flush tank, boom and hoses with clean water for at least 10 minutes.
2. Fill tank with clean water and 500g of cold water alkaline detergent per 100 litres water. Keep agitation system running and circulate for 10 minutes before flushing hoses and boom, then drain.
3. Rinse thoroughly with clean water and flush through hoses and boom to remove traces of detergent.

SEE INSIDE FOR TABLE →

PLEASE READ THE LABEL COMPLETELY BEFORE USE

RAINFALL

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

SOIL RESIDUES

Do not plant legume crops (peas, lucerne, clover, lupins) within 28 days of using Bandit. The sowing of grass, cereal, maize and brassica crops do not require any waiting period.

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.

RESISTANCE MANAGEMENT

GROUP 02 HERBICIDE

Bandit contains dicamba, which belongs to the benzoic acid chemical family. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label

DIRECTIONS FOR USE

| Crop / Situation | Application Rate | Timing | Critical Comments |
|---|--|---|--|
| CEREALS – (Wheat, barley, oats) | 150 - 300 mL in a mixture with 750ml – 1.0 litre Orion MCPA 750 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 foliage absorption (5 - 7 days for couch or Californian thistle) before drilling |
| KALE – (Marrow stemmed (choumoulier) 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 250 mL Orion MCPA 750 per 100 litres water 125 - 150 mL in mixture with 400 mL Thistle Killem Ultra per 100 litres water | Apply as a spot spray just prior to flowering Apply as a spot spray before the flower stalk is evident | Avoid spraying the surrounding pasture 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 1.5 litres of Orion MCPA 750 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 200mL Thistle Killem Ultra 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 Sinaltop at label rates |