

orion AGRISCIENCE



HARMFUL | ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

AssettTM
HERBICIDE

For the control of grass and broadleaf weeds in FORESTRY, established LUCERNE, MAIZE, SWEETCORN, ORCHARDS and PEAS.

Active Ingredient:

500 g/litre terbuthylazine in the form of a suspension concentrate.



20 Litres



PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATIONS: 6.1E, 9.1A, 9.2A

WARNING: TOXIC, ECOTOXIC

May be harmful if swallowed, inhaled or absorbed through the skin. Very toxic to aquatic organisms and soil organisms.

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 cool, dry and well ventilated area away from feed or foodstuffs. Avoid temperatures below 5°C and above 35°C. 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. Do not burn. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural 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 detergent, 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. P3342.

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

Approved pursuant to the HSNO Act 1996, No. HSR000468.

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

®DUAL GOLD is a registered Trade Mark of a Syngenta Group Company.

™ASSETT, BANDIT, BASH, PQ200 and SYNERGY are Trade Marks of Orion AgriScience Ltd.

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www.orionagriscience.co.nz

Batch No:

Date of manufacture:

ASSETT

orion

AGRISCIENCE

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PLEASE READ THE LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION

Assett is a selective herbicide for the control of grass and broadleaf weeds in forestry, established lucerne and annual broadleaf weeds in maize, sweetcorn, orchards and peas.

DIRECTIONS FOR USE

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

FORESTRY - grass and broadleaf weeds

Radiata Pine, Douglas fir and Eucalyptus species (*E.delegatensis*, *fastigata* and *siligna*)

Assett is a selective herbicide for the use in either pre-planting or over newly planted "bare-rooted" trees. Weeds controlled include Yorkshire fog, browntop, sweet vernal, ryegrass spp, Poa spp, cocksfoot, catsear, chickweed, seedling gorse, Scotch thistle, nodding thistle, clovers, annual grasses and broadleaf weeds.

Rate of Application (Broadcast): 15 - 20 litres of Assett in 150 - 300 litres of water per hectare. Use the higher rate on gorse seedlings. A wetting agent such as Synergy™ Wetter Sticker should be added at manufacturer's label rates.

Rate of Application (Spot Application): Calibrate equipment carefully to deliver 1.5 - 2ml of Assett per square metre in sufficient water to obtain good coverage. Treat 2 square metres around each tree where untreated surrounding vegetation could become rank and collapse to affect the planted tree. Include a wetting agent such as Synergy™ Wetter Sticker at manufacturer's label rates to the spray mixture. A repeat application can be made 12 months later to release slow growing trees.

Spotgun: Mix 110ml of Assett in 1 litre water and apply 15 - 20ml of the mixture per square metre.

Knapsack: Mix 55ml of Assett in 1 litre of water and apply 30 - 40ml of the mixture per square metre.

Time of application: Apply either to bare ground or existing vegetation not exceeding 10cm in height prior to spring growth in September. **Note:** For applications made later in the spring season, or for the control of difficult to kill perennial grasses like paspalum, kikuyu, couch and Mercer grass, the addition of an approved selective grass killer at label rates is recommended.

LUCERNE (established) - grass and broadleaf weeds

Assett is absorbed through the roots and leaves of shepherds purse, storksbill, chickweed, subterranean clover, dovesfoot, barley grass, Kentucky bluegrass and some other annual seedling weeds.

Rate of Application: 1.5 - 2 litres of Assett in mixture with 2 - 3 litres of paraquat 20% a.i., eg, PQ200™, per hectare. Use the higher rate when clover is a problem and longer residual activity is required. Do not exceed recommended rates of application as Lucerne yields may be adversely affected.

Time of Application: Apply to closely grazed Lucerne stands that are at least 2 years old. Do not spray immediately following heavy grazing – allow a few days for weed growth to freshen up. Apply during the winter months when lucerne is completely dormant, but not when frost is still on the foliage or when ground conditions are excessively wet.

ASSETT



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WITHOLDING PERIOD: Lucerne...4 weeks

MAIZE AND SWEETCORN - annual broadleaf weeds

Assett is absorbed through the leaves and roots of redroot, black nightshade, fathen and willow weed.

Note: Some fathen plants may be resistant to products containing terbuthylazine, and the use of a specific post-emergence herbicide such as Bandit™ may be necessary to remove them.

Rates and Times of Application -

Pre-emergence: 3.6 litres of Assett per hectare. The addition of Dual® Gold at label rates is necessary for the control of annual grass weeds. Apply to a freshly prepared seedbed after crop sowing but before emergence.

Post-emergence: 3 litres of Assett in 200 - 300 litres water per hectare to actively growing weeds no more than 5cm high. The addition of a wetting agent should be made at manufacturer's label rates.

ORCHARD CROPS (CITRUS, GRAPES, KIWIFRUIT, PIPFRUIT) - annual broadleaf weeds

Note: Do **NOT** apply to trees or vines less than 1 year old, or where trees or vines are growing in light sandy soil.

Rates and Times of Application -

Pre-emergence: 6 - 8 litres of Assett in 200 - 300 litres of water per hectare. Apply in spring to a weed free soil.

Post-emergence: 6 - 8 litres of Assett in 200 - 300 litres of water per hectare. To control established weeds, tank mix with a contact herbicide such as Bash™ or PQ200.

PEAS - annual broadleaf weeds

Rate of Application: 1.5 - 2 litres of Assett in 200 - 300 litres of water per hectare. Use the higher rate under dry soil conditions.

Time of Application (pre-emergence): Apply to a freshly prepared seedbed after crop sowing but before emergence. A minimum of 10mm rainfall or irrigation within 1 week following application is necessary for herbicidal activity. Do not use Assett in soil low in organic matter, or of a very sandy or stony texture.

APPLICATION METHODS

Assett is non-corrosive and almost non-abrasive. Assett can be applied with conventional ground and spot spraying equipment. Do not use strainers finer than 300 micrometres. Wash equipment thoroughly after use.

MIXING

Stir before use. Assett mixes readily with water. Pour the correct quantity into the partly filled tank then add the remaining water with agitation. The spray mixture should be kept agitated before and during spraying after a stoppage. Unused spray mixture may settle overnight. **Note:** When using mixtures of Assett and paraquat 20% a.i. add the Assett to the partly filled tank first, mix thoroughly, then add the paraquat and remainder of the water with agitation.

COMPATIBILITY

Assett is compatible with herbicides commonly used in forestry, lucerne, maize, sweetcorn and orchards.

SOIL RESIDUES

To minimise soil residues which could affect subsequent crops, areas treated with Assett should be ploughed and cross-cultivated between crops to ensure maximum dispersal of residues. Because residues may result from the use of Assett, certain crops, for example tomatoes, cucurbits, brassicas, lettuce and beans, should not be planted in areas previously treated with Assett without first obtaining advice from your local Orion AgriScience representative.

RESISTANCE MANAGEMENT

GROUP	C1	HERBICIDE
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Assett contains terbuthylazine, a group C1 herbicide belonging to the triazine 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.

