HARMFUL, CORROSIVE, ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

Contains: 17g/litre flumetsulam plus 480 g/litre bentazone in the form of a soluble liquid

For broadleaf weed control in pasture, clover seed crops, lucerne and turf

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**WEEDS CONTROLLED**
Apply at any time. Apply before the 4th leaf growth stage. Effectiveness on these weeds may be limited during flowering. Apply in October to early November for Onehunga weed or from late Winter to late Autumn for other weeds. Use 30ml/100 square metres in 3-5 litres in specialised equipment.

**PERSONAL PROTECTION:** Avoid skin and eye contact and inhalation of spray mist. When mixing or applying wear waterproof gloves, eye protection, boots and overalls. Do not eat, drink or smoke while using. Wash splash of concentrate from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

**ECOTOXIC:** Very toxic to aquatic plants. Avoid contamination of any water supply with product or empty container. Harmful to the soil environment. Toxic to terrestrial vertebrates. Store in original container, tightly closed and in a dry, dark, tightly closed and in a dry, dark, tightly closed and in a dry, dark, tightly closed and in a dry, dark container in accordance with NZS 4859 Management of Agricultural Chemicals. Disposable: Triple rinse empty container and add rinse water to the spray tank. If recyling, discard cap and deliver clean container to an Agrecyeworks. Altrually discard and bury in an approved landfill.

**SAFETY DATA SHEET:** Additional information is listed in the SDS available from Loc.na NZ Limited or www.lonza.co.nz


**GENERAL INFORMATION:** Dynamo will control or suppress indicated broadleaf weeds while maintaining selectivity to listed crops and pasture. Apply during warm weather for optimum results. Do NOT apply if frost is expected. Directions for use - Weeds controlled. Apply to weeds in active growth. Do not apply in wet and/or cold/frosty conditions.

**RATE/HA**

<table>
<thead>
<tr>
<th>WEEDS CONTROLLED</th>
<th>CRITICAL COMMENTS</th>
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<tbody>
<tr>
<td>1.5 litres</td>
<td></td>
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<tr>
<td>Chickweed, spurrey, wild radish, hedge mustard</td>
<td>Apply before the 4th leaf growth stage</td>
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<tr>
<td>2.4 litres</td>
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<tr>
<td>Amaranthus (redroot), black nightshade, broad-leaved dock, chamomile, cleavers, sin, thorn, inkeled, mayweed, storksbill, thorn apple, lincswiss, wild turnip</td>
<td>Apply before the 4th leaf growth stage</td>
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<tr>
<td>Annual buttercup, creeping yellow grass, yellow gromwell</td>
<td>Apply before flowering</td>
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<tr>
<td>3.0 litres</td>
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<tr>
<td>Larger weeds (above)</td>
<td></td>
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<tr>
<td>Onehunga weed, sorrel, witweed</td>
<td>Apply to young seedlings</td>
</tr>
<tr>
<td>Dandelion, hawkbit, scrambling speedwell</td>
<td>Apply before flowering</td>
</tr>
<tr>
<td>Giant buttercup</td>
<td>Apply before flowering</td>
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</tbody>
</table>

**NOTE for BUTTERCUP CONTROL in MATURE PASTURE:**
Dynamo may be applied in either spring or autumn for buttercup control. Repeat spray treatments for two successive seasons will maximise control of giant buttercup that is resistant to Group O1 herbicides such as MCPA.

**APPLICATION TIMING:**
To maximise crop safety observe the following application timing guidelines.

**CROP GROWTH STAGE and TANK MIXTURES**

**New pasture**
Apply once clover has developed at least two trifoliate leaves.
Apply before the 4th leaf growth stage. Effectiveness on these weeds may be limited during periods of cold conditions. Use 30ml/100 square metres in 3-5 litres in specialised equipment such as a “Lawnboy”. Do not use on turf that contains broad-leaved species as part of the turf.

**Mature pasture**
Apply at any time from late winter to late autumn.
Apply before flowering under the control of an approved handler with products with a different mode of action. Use Dynamo strictly in accordance with the label directions especially with respect to rate and weed growth stage. See tank mixture herbicide product labels for further instructions.

**New and established white clover seed crops**
Apply once clover has developed at least two trifoliate leaves but before stolon elongation.
Apply before flowering. The plantain will stop growing and may be damaged. Tonic variety plantain has been tested and other varieties may exhibit poorer tolerance to Dynamo.

**Established lucerne**
Apply after lucerne has developed a tap root and at least six true leaves and before flowering for seeding weeds as above. A period of crop desiccation may occur in insensitive varieties after spring applications especially in young or stressed crops.
Apply 1.5 litres/ha with 2 litres/ha 2,4-D (40%) in Autumn for larger nodding thistle and storksbill. Do not add any surfactant.

**Grass turf**
Apply in October to early November for Creeping buttercup or from late winter to late Autumn for other weeds; Use 30ml/100 square metres in 3-5 litres in specialised equipment as a “Lawnboy”. Do not use on turf that contains broad-leaved species as part of the turf.

**MIXING:** Pour the correct amount of Dynamo into the partly filled tank, and while agitating add the remainder of the water. Maintain agitation during spraying and any stoppages. Only mix sufficient spray for immediate use and avoid storing. When tank mixing add Dynamo last.

**ADJUVANTS:** Dynamo is a soluble concentrate and only requires an adjuvant where weeds are particularly difficult to wet such as hairy nightshade. Use a non-ionic wetter where required except in lucerne.

**RESISTANCE MANAGEMENT:** Dynamo is compatible with relevant selective crop and pasture herbicides including MCPB, Ignite® and Centurion. Refer to the tank mixture herbicide product labels for further instructions.

**APPLICATION:**
Prevent spray drift as it may cause severe damage to non-target plants.

**Boom Spraying from ground based equipment:** Use 200 to 300 litres water per hectare as a medium quality spray. For dense weed infestations use higher water rates (up to 500 litres/ha).

**Rainfall:** Results may be reduced if rainfall or irrigation occurs within eight hours of spraying.

**GRAZING WITHHOLDING PERIOD:** 14 days. See also animal safety and crop rotation sections.

**SPRAY EQUIPMENT CLEANING**
Rinsing: After using Dynamo empty the spray unit and completely drain the whole system. Thoroughly clean all sprayer parts including tank, pump, hoses, filters and nozzles with several flushes of clean water.

**Decontamination:** To avoid injury to subsequently sprayed sensitive crops including but not limited to brassicas, beans, lupins and sunflowers thoroughly remove all traces of Dynamo from mixing and spray equipment. Wash the spray unit as soon as possible to avoid contamination of the spray tank and spray area. Rinse the spray unit and add a standard alkali based laundry detergent at 500g (or ml) per 100 litres and circulate throughout the system for fifteen minutes. Do not wash the system or rinse the spraying as above. Do not use chlorine based cleaners.

**NOTICE TO BUYER:** The manufacturer and vendors of Dynamo warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material as accepted by the buyer, whether the material is used in accordance with the label directions or not.

**REGISTRATION:** Loc.na NZ Limited, Hudson Rd, New Plymouth, New Zealand. Tel (06) 380 755, Fax 06 380 755-1174

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