



WARNING
Keep out of reach of children
Read label before use

BENTAZONE 480

HERBICIDE

A selective post-emergence herbicide for use on onions, cereals, clover and grass seed crops, pasture, potatoes, soy beans, peas, lucerne and turf.

ACTIVE INGREDIENT: Contains 480 g/l bentazone as the sodium salt in the form of a soluble concentrate.

NET CONTENTS: 20 litres

GSBZ499/F2

Grosafe[®]

**HSNO HAZARD CLASSIFICATION: 6.1E, 6.4A, 6.5B, 9.1C****TOXICITY**

WARNING: May be harmful if swallowed. May cause eye serious irritation. May cause sensitization from prolonged skin contact. Avoid breathing spray mist or vapours.
ENVIRONMENT: Harmful to aquatic life with long lasting effects. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Avoid contamination of any water supply with product or empty container.

PERSONAL PROTECTION: When mixing and applying wear appropriate protective clothing including overalls, impervious gloves and eye/face protection. Remove protective clothing and wash hands and exposed skin before meals and after work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact the proprietor for further information about the use of this product if it is older than this.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain spilled material and store in properly labeled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

PRODUCT DISPOSAL: If possible, dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

CONTAINER DISPOSAL: Triple rinse container and add residue to mixture. Recycle containers if possible, otherwise bury in an approved land fill.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: For advice call a doctor or the National poisons Centre (0800 764 766). If medical advice is needed, have product container or label on hand. If swallowed do NOT induce vomiting. If in eyes, flush immediately with plenty of water. Remove contact lenses if present and easy to do so after 5 minutes, then continue rinsing. If irritation persists, get medical attention. If on skin, remove contaminated clothing immediately. Wash with plenty of soap and water. If irritation or rash persists, get medical advice. In case of inhalation, move person to fresh air immediately and keep at rest in a position comfortable for breathing.

GENERAL INFORMATION:

Bentazone 480 is a selective contact herbicide which must be applied in sufficient water to ensure that all parts of the target weeds are covered. Immature weeds (2-4 leaf) are more susceptible than mature plants. Bentazone 480 is particularly effective against chamomiles, stinking mayweed, cleavers, storksbill and Onehunga weed. Other broadleaf weeds controlled include redroot (Prince of Wales Feather), chickweed, black nightshade, spurrey, shepherd's purse, thornapple and wild turnip. Bentazone 480 is not active in the soil, so weeds must have germinated before spraying.

WITHHOLDING PERIOD: Nil

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.

RECOMMENDATIONS FOR USE:

CROP	TIMING	RATE	COMMENTS
Cereals	After 4 true leaves	2 litres, in 170-500 litres water/ha.	Apply in combination with sodium salt formulations of MCPB, dichlorprop, mecoprop at label rates. Bentazone 480 + MCPB may be applied to crops undersown with clover.
Clover seed crops	In late Winter/early Spring, when weeds are small	2-3 litres in a minimum of 500 litres water/ha.	1. Use high water rates and large droplets to ensure penetration into the crown of weeds. 2. Add a non ionic wetter. 3. Paraquat applied at least two weeks before Bentazone 480 will ensure weeds are actively growing at the time of Bentazone 480 treatment. 4. Spraying during warm weather gives best results.
Dwarf beans	When crop has 1-2 trifoliolate leaves, weeds up to 4 leaf stage	1.5-3 litres in 300-500 litres water/ha.	Some temporary leaf scorch may occur, but yield is unlikely to be affected. Do not apply to crops before 1st trifoliolate leaf stage and avoid hot conditions (>21°C). Use higher rates on more mature weeds. Add a non ionic wetter to improve activity on Thorn apple and hairy nightshade.

CROP	TIMING	RATE	COMMENTS
Grass seed crops	When weeds are at a susceptible stage	2-3 litres in a minimum of 500 litres water/ha.	Ensure thorough coverage of weeds. Add a non-ionic wetter. Spraying in warm weather gives best results.
Lucerne	During Autumn	1.5 litres plus 2 litres 2,4-DB (40%), or 4 litres alone, in 300-500 litres water/ha.	For the control of nodding thistle and storks bill.
New pasture	When clover has 1-2 trifoliolate leaves and weeds are at 4-6 leaf stage	3 litres in 300-500 litres water/ha.	May be applied as a tank mix with MCPB.
Onions	When onions have 3 leaves	2-3 litres in 330-550 litres water/ha.	1. Apply when onions are waxy and healthy, weeds still seedlings. 2. Do not apply if soil is water logged. 3. Do not add surfactants. 4. Do not apply if crop is damaged by hail, frost, heavy rain etc. 5. Do not apply other herbicides within 10 days before or after applying Bentazone 480.
Peas	When crop has 1-2 trifoliolate leaves and weeds are at 4 leaf stage	2 litres plus MCPB at 2.5 litres, in 300 500 litres water/ha.	May be used on undersown pea crops.
Potatoes	When cleavers are visible and before crop emergence	2-3 litres in 300-500 litres water/ha.	Specifically for cleaver control.
Soybeans	When crop has 1-2 trifoliolate leaves and weeds are up to the 4 leaf stage	2-3 litres in 300-500 litres water/ha.	Use a pre-plant incorporated herbicide to control grass weeds. Some Soybean leaf scorch may occur, but yields are not expected to be affected.
Turf	October to early November	3 litres in 300-500 litres water/ha. (30 ml in 3-5 litres/100 sq metres)	A second spray in Autumn will improve ongoing control. Can be applied as a boom spray or in specialised equipment such as "Lawnboy".

NOTES:

1. Wetting agents should not be added unless specified. 2. At least 8 hours should elapse after application before rainfall or irrigation. 3. Use water rates specified. Low volume (CDA) application is not recommended.

Registered pursuant to the ACVM Act 1997, No P9033 See www.foodsafety.govt.nz for registration conditions. Approved pursuant to HSNO Act 1996, No HSR 100861. See www.epa.govt.nz for Controls.

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.

EMERGENCY RESPONSE 0800 CHEMCALL: 0800 243 622

Registered and distributed by:

Grosafe
CHEMICALS LTD

20 JEAN BATTEN DRIVE
MT MAUNGANUI
FREE PHONE 0800 220 002
EMAIL: info@grosafe.co.nz
www.grosafe.co.nz



Batch No:

Date of Manufacture:

GSBZ499/B2

