

Bonalan[®]

HERBICIDE

PCS No: 05763

A selective herbicide for the control of annual grass and dicotyledonous weeds in listed vegetable crops

FOR USE ONLY AS A HORTICULTURAL HERBICIDE
An Emulsifiable Concentrate (EC) containing 180 g/L Benfluralin

5 L e



Gowan[®]
CROP PROTECTION LIMITED

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Flammable liquid and vapour
May be fatal if swallowed and enters airways
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye damage
Harmful if inhaled
May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure
Very toxic to aquatic life with long-lasting effects

Keep out of reach of children
Read label before use
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Avoid breathing vapours and spray
Do not eat, drink or smoke when using this product
Contaminated work clothing should not be allowed out of the workplace
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection
Wash contaminated clothing before reuse
Collect spillage
IF ON SKIN: Wash with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse.
IF SWALLOWED: Immediately call a POISON CENTER
Do NOT induce vomiting. The decision to induce vomiting should be made by an attending physician. Never give fluids or induce vomiting if a patient is unconscious or convulsing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor
In case of fire: Use water, foam, or carbon dioxide to extinguish
To avoid risks to human health and the environment, comply with the instructions for use.
Do not contaminate water with the product or its container. Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads.
To protect aquatic organisms respect an unsprayed buffer zone of 20m to surface water bodies
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non hazardous waste



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FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop	Max Single Dose	Max. no. of applications	Max. total dose per crop	Latest time of application
Cabbage –Chinese (field) Cabbage – head (field) Cauliflower (field) Chicory (field) Broccoli (field) Brussels sprout (field) Kale (field) Lettuce (field) Endives (field) Salsify (field) Peas (combining) Peas (vining) Bean (French) Bean (broad)	8 L/ha	-	8 L/ha	Incorporation before planting/sowing

Water volume: 200 to 500 L/ha

On organic soils (> 5%) results can be variable.

Chinese cabbage (E.g. pak and pak rosette) may be sensitive to crop damage for which Gowan Crop Protection Ltd cannot be held responsible.

Some crops are sensitive to BONALAN. Avoid damage to neighbouring crops.

SPECIFIC WEEDS CONTROLLED

Lambs quarter, redshank, knotgrass, black bindweed and annual grasses.

DIRECTIONS FOR USE

BONALAN inhibits the germination of annual weeds in the incorporation layer. It does not control emerged weeds.

Method of application

Example of incorporation methods

Tool	Working Depth	Working Speed	2 Cross Passages
(vibrocultor) cultivator, Canadian soft teeth + rolling cage	8-15 cm	8-10 km/h	Yes
harrow, cultivator, weeder rigid teeth	10-15 cm	8-10 km/h	Yes
Harrow, + rolling cage	10-15 cm	4-8 km/h	Yes

The approved dose is the smallest dose that ensures the best efficiency in most situations. It can be reduced, under the responsibility of the user, for example in mini-doses weed control programs (beets). The decrease of the applied dose does not authorize the increase of the maximum number of applications or the reduction of pre-harvest.

Mixing

Add half the required volume of water to the spray tank and begin agitation. Pour the required amount of BONALAN into the partially filled spray tank. Continue agitation while topping up the tank and during spraying and transport operations.
Spray BONALAN onto a prepared field before the final cultivation. BONALAN is residual and can be incorporated 1 to 2 weeks before planting.

RISK MITIGATION MEASURES

To protect aquatic organisms respect an unsprayed buffer zone of 20 m to surface water bodies

DIRECTIONS FOR THE SAFE DISPOSAL OF THE PLANT PROTECTION PRODUCT AND OF THE PACKAGING

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non hazardous waste.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

NOTE TO DOCTOR

This product contains a solvent. Signs of toxicity are probably due to the solvent. Symptoms of overexposure may include: dizziness, rapid breathing, irritability, convulsions, headaches or other nonspecific effects. The risk of aspiration must be weighed against the benefit that is expected of gastric lavage. If lavage is performed, suggest endotracheal control and / or esophageal. Treatment based on judgment of doctor based on the patient's reactions.