

WARNING
KEEP OUT OF REACH OF CHILDREN



BONANZA[®] ELITE HERBICIDE

GROUP F1 HERBICIDE

**A selective herbicide for the control of broadleaf weeds in
winter and spring sown cereals except oats**

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 500 g/L DIFLUFENICAN in the form of a suspension concentrate

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS

**1 L, 5 L,
10 L, 20 L**

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REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS: 9.1A, 9.2C****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person.

Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

WARNING

Very toxic to aquatic life. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container.

Harmful to the soil environment.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store in the original, tightly closed container in a cool, dry place out of direct sunlight and away from stockfeed, seeds, fertilisers or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where greater than 100 L of this product are stored.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, gloves and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

DISPOSAL

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery[®] depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label, or through the Agrecovery[®] Chemical Recovery service or other approved facility.

FIRST AID

If medical advice is needed, have product container or label at hand.

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



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Bonanza is a registered trademark of an ADAMA Group Company.



EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand

0800 734 607

In a Transport

Emergency

Phone 111

Police or Fire

Batch Number:

Date of Manufacture:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275.

PRODUCT INFORMATION

BONANZA ELITE HERBICIDE is a selective herbicide for the control of a range of broad leaf weeds in winter and spring sown cereals (except oats). BONANZA ELITE HERBICIDE has both contact and residual activity. It is absorbed by the roots and shoots of germinating seedlings, where it inhibits biosynthesis of enzymes critical to photosynthesis.

BONANZA ELITE HERBICIDE can damage grass and clovers. Do not use on undersown cereals, on oats, or on other cereals not listed on this label. Do not use on soil with high organic content (>10%). A slight yellowing of the crop may be apparent with lighter soils or under cool or wet conditions. However, this is temporary, and will not have any lasting effect on the crop.

DIRECTIONS FOR USE

TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.

MAKE ONLY ONE APPLICATION PER YEAR.

CROP	RATE	CRITICAL COMMENTS
Cereals (Winter and spring sown wheat, barley, rye and triticale) CAUTION: BONANZA ELITE HERBICIDE should not be used on oats.	200 mL/ha + 1 L/ha of PROTUGAN HERBICIDE	Apply between early post emergence of crop and jointing. Apply before weed development progresses beyond stages described below. See Weeds Controlled and Additional Information below.

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.

WITHHOLDING PERIODS

Not required when used as directed.

WEEDS CONTROLLED

WEED SPECIES	GROWTH STAGE
Cleavers, fumitory.	Up to 1 leaf stage
Broad-leaved dock, cornbind, dandelion, fathen, scentless chamomile, small-flowered buttercup, sowthistle, vetch, willow weed, wireweed, yellow gromwell.	Up to 2 leaf stage

WEED SPECIES	GROWTH STAGE
Black nightshade, catchfly, chickweed, field pansy, henbit, hemp nettle, mouse eared chickweed, nettle, nipplewort, oxtongue, parsley piert, redroot, scarlet pimpernel, scrambling speedwell, shepherd's purse, spurrey, twin cress, wild turnip.	Up to 4 leaf stage

Weeds at stages older than specified above may only be severely checked or suppressed. Perennial weeds, especially those growing from root chips, will not be controlled.

A mixture of BONANZA ELITE HERBICIDE 200 mL/ha + PROTUGAN HERBICIDE 1 L/ha + CHLORSULFURON HERBICIDE 15 g/ha will give improved control of some weeds at growth stages at the upper limits given in the table, or where soil moisture conditions are less than optimal. A mixture of BONANZA ELITE HERBICIDE 200 mL/ha + PROTUGAN HERBICIDE 1 L/ha + 20 g/ha tribenuron-methyl 500 SG (barley only) will give improved control of some weeds at growth stages at the upper limits shown in the weeds controlled table. Observe label directions for both products. Do not tank-mix with other herbicides or emulsifiable concentrate formulations of other pesticides.

ADDITIONAL INFORMATION

A well prepared seedbed is important for optimum activity: all trash and ash should be buried and the final seedbed should be fine, well compacted and free of clods greater than 5 cm in diameter.

Soils should be moist at and after application: weeds growing under moisture stress will be less susceptible to treatment. Dry conditions will reduce activity.

Ensure that the crop is evenly drilled to a depth of 2.5 cm and that the seed is well covered.

Failure to do this may result in transient crop yellowing.

When applying Bonanza Elite, care should be taken not to overlap spray swaths or overdose when starting, slowing or stopping the sprayer, since crop damage may occur.

After harvest thoroughly cultivate soil treated with Bonanza Elite before sowing a following crop.

Following treatment with Bonanza Elite, in the event of a crop failure due to climate, pest or disease, re-drill in the spring with wheat or barely only, after thorough cultivation has taken place.

COMPATIBILITY

BONANZA ELITE HERBICIDE is ideal as a tank-mix partner in extending the spectrum of weed control when used with other herbicides. BONANZA ELITE HERBICIDE can be used in combination with herbicides such as PROTUGAN HERBICIDE, tribenuron-methyl and CHLORSULFURON HERBICIDE. Do not mix with emulsifiable concentrate formulations. It is always recommended that a test mixture should be applied to check for crop damage before use. For further advice, contact your ADAMA New Zealand representative.

Do not use with crop oils.

MIXING

BONANZA ELITE HERBICIDE mixes readily with water. To ensure a uniform solution pour the correct amount into the partly filled tank and add the remainder of the water while agitating. Agitate thoroughly before and during spraying and before spraying after a stoppage.

APPLICATION

BONANZA ELITE HERBICIDE can be applied with conventional boom spraying equipment. Apply in 100–300 L of water/ha. Aerial spraying is not recommended. Application should be on to a freshly prepared seedbed with fine, compact, moist soil, and free of trash and clods greater than 5 cm. Avoid spraying under drought conditions, or if severe frosts are expected.

Thoroughly clean equipment after use.

RAINFALL

Avoid spraying when rain is expected. Rain within 6 hours of treatment may reduce effectiveness.

SOIL RESIDUES

Soil residues will persist for a while after spraying. Thoroughly cultivate before sowing the next crop. In the event of sowing of a further crop shortly after spraying, e.g. through crop failure caused by disease, contact your ADAMA New Zealand Representative for further advice.

RESISTANCE MANAGEMENT

BONANZA ELITE HERBICIDE contains the GROUP F1 pyridinecarboxamide herbicide, diflufenican. Follow label directions and do not use another product containing an herbicide in the same group in conjunction with BONANZA ELITE HERBICIDE. Where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up.

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