

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Adjuvant



# BENEFIT PLUS

Reg. No. L 8538 Act No. 36 of 1947

4, 26/7/2022 – Sept2022

A soluble liquid adjuvant for use with post emergent herbicides where a surfactant is recommended.

**SURFACTANT / SALT**

## ACTIVE INGREDIENT

nitrogen solution /  
non-ionic surfactant

929 g/l

GROUP

ADJUVANT



**WARNING**

### Hazard Statements:

Causes serious eye irritation.  
Very toxic to aquatic life.  
Harmful to aquatic life with long  
lasting effects.

### Precautionary Statements:

Wash hands and face thoroughly  
after handling. Do not touch eyes.  
Avoid release into the  
environment.



**villa** 

UN Number: 3082

Registration holder: VILLA CROP PROTECTION (PTY) LTD.  
Co. Reg. No. 1992/002474/07  
P.O. Box 10413, Aston Manor, 1630  
Tel. (011) 396 2233  
Website: [www.villacrop.co.za](http://www.villacrop.co.za)

24 HR EMERGENCY NUMBERS:  
Griffon Poison Centre: +27 82 446 8946  
24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411  
(Client: Villa Crop Protection)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:  
Date of Manufacture:

**BENEFIT PLUS**

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nitrogen solution / non-ionic surfactant .....929 g/l

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**VILLA CROP PROTECTION (PTY) LTD.**

Co. Reg. No. 1992/002474/07

PO Box 10413

ASTON MANOR, 1630

Tel. (011) 396 2233

**WARNINGS****Hazard statements:**

Causes serious eye irritation.
Very toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

- Adhere to all label warnings that apply to the product or products with which **BENEFIT PLUS** is to be used.
- Store in a cool, dry, well-ventilated place.
- Store away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Adhere to the re-entry interval and requirements as indicated on the herbicide label.

**Aerial application:**

Notify all the inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings.

**Although this remedy has been extensively tested under a wide variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions, because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal for any reason whatsoever or for lack of performance of the remedy concerned, due to failure of the user to follow the instruction or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

**PRECAUTIONS****Precautionary statements:**

Wash hands thoroughly after handling. Do not touch eyes.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical help.
Collect spillage.
Dispose of contents/container to suitable landfill in accordance with local regulations.

- Avoid inhalation of the spray mist.
- Wear a face shield and gloves when handling the product.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- In the case of eye contact, flush eyes with copious amounts of water for at least 15 minutes.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment.

- Thoroughly clean the applicator after use and dispose of wash water in a way that will not contaminate the environment, food, grazing and water sources.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feeds, drinking water and eating utensils.

<b>Relevant hazardous components</b>	
<b>Ethoxylated isotridecanol (Marlipal 013/90)</b>	< 30 %
Ammonium nitrate solution, ammonium salt	< 35 %
Ammonia	< 2 %

### **FIRST AID TREATMENT**

Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure.

- **Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. Do not rub the skin. Persons who become sensitized may require specialized medical management. Immediately seek medical advice.
- **Eyes:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.
- **Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately. Qualified medical personnel should perform administration of oxygen. If the person is alert, rinse mouth thoroughly with water and give person large volumes of water or milk to drink. When vomiting occurs, keep head lower than hips to prevent aspiration.

### **PRODUCT PROPERTIES**

- **BENEFIT PLUS** has been formulated for use with **Bipyridylum** herbicides and **Sulfonylureas** but can be applied with any herbicide that requires the addition of a surfactant, especially non-ionic surfactants. Refer to the “**APPLICATION RATES**” table.

### **USE RESTRICTIONS**

- Test the mixture on a small scale before applying it commercially.

### **DIRECTIONS FOR USE: Use only as directed.**

#### **Compatibility:**

- **BENEFIT PLUS** can be used with herbicides that recommend the use of a surfactant.
- Adhere to the “**Mixing instructions**” and “**DIRECTIONS FOR USE**” for the product with which **BENEFIT PLUS** is to be used.

#### **Mixing Instructions:**

- Do not use **BENEFIT PLUS** with other adjuvants.
- In the event of tank mixes, strictly adhere to all the recommendations of the tank-mix components.
- Pre-mix **BENEFIT PLUS** with a small volume of water and add it to the water in the mixing tank last, to minimize foaming.
- Prepared mixture must not be left in the spray tank for any length of time.
- **BENEFIT PLUS** is corrosive therefore the sprayer, tank and system should be rinsed thoroughly after the use of **BENEFIT PLUS**, to remove all adjuvant residues.

**Application Instructions:****Ground application:**

**BENEFIT PLUS** can be used with any correctly calibrated spray equipment as recommended on the herbicide label.

**Aerial application:**

Adhere to all necessary precautions associated with aerial spraying of herbicides, especially with regard to control of drift. If in any doubt, consult with the supplier and/or aerial application operator.

**APPLICATION RATES**

<i>Herbicide Group</i>	<i>Trade Name Examples</i>	<i>BENEFIT PLUS Dosage Rate</i>	<i>Remarks</i>
<b>Bipyridyliums (Containing Paraquat and/or Diquat)</b>	<b>Disrupt 200 SL</b> <b>SKOFFEL® 145 SL</b> (L 4347) <b>SKOFFEL® SUPER 200 SL</b> (L 6328/ W 130059 / N-AR 1097) <b>Skoffel® Duo 200 SL</b>		
<b>Sulfonylureas</b>	<b>BRUSH-OFF®</b> (L 4535) <b>GLEAN® 75 DF</b> (L 1672) <b>EXPRESS® SUPER</b> (L 8212) <b>GRANSTAR® PLATINUM SX</b> (L 8209) <b>Halo 750 WDG</b> <b>Nicoron 750 WDG</b>	0.15 % to 0.3 % (150 to 300 ml /100 litres)	For use with herbicides that are recommended for use with a surfactant. Use the higher rate on more resilient weeds. Adhere to the “ <b>Mixing instructions</b> ” and “ <b>DIRECTIONS FOR USE</b> ” for the product with which <b>BENEFIT PLUS</b> is to be used.
<b>Callistemones</b>	<b>Cantron® 480 SC</b>		
<b>Aryloxyphenoxy Propionates</b>	<b>FORWARD 100 EC</b> (L 9036) (Propaquizafop)	0.15 % to 0.3 % (150 to 300 ml /100 litres)	For use with herbicides that are recommended for use with a surfactant. Use the higher rate on more resilient weeds. Adhere to the “ <b>Mixing instructions</b> ” and “ <b>DIRECTIONS FOR USE</b> ” for the product with which <b>BENEFIT PLUS</b> is to be used.
<b>Triazines</b>	<b>AMETRYN 500 SC</b> (L 7742) <b>TERBUSIEN SUPER 600 SC</b> (L 5435 / N-AR 1110 / W 130958) <b>Terbuweed 600 WDG</b>		

The following products mentioned in this label can be replaced with the following equivalent products:

- **HALO 750 WDG** (L 8283 / N-AR 1337 / W1301403) = **CROWN 750 WDG** (L 8282) (**Halosulfuron**),
- **CANTRON® 480 SC** (L 8365 / N-AR 1322 / W 130604) = **ASTRON® 480 SC** (L 8366) = **CANONNE 480 SC** (L 8735), (**Mesotrione**),
- **DISRUPT 200 SL** (L 9180) = **DISTURB 200 SL** (L 9181) (**Diquat**),

- **TERBUWEED 600 WDG (L 8800) = TERBUCIDE 600 WDG (L 8799 / W1301046) = TERBUMAIS 600 WDG (L 8798) (Terbutylazine),**
- **NICORON 750 WDG (L 8045 / N-AR 1335) = NICOSULFURON 750 WDG (L 8059) and**
- **SKOFFEL® DUO 200 SL (L 9063) = SKOFFEL® PLUS 200 SL (L 9062), (Diquat + Paraquat).**

**HALO 750 WDG, CANTRON® 480 SC, DISRUPT 200 SL, TERBUWEED 600 WDG, AMETRYN 500 SC, NICORON 750 WDG, SKOFFEL® DUO 200 SL, FORWARD 100 EC and TERBUSIEN SUPER 600 SC are registered products of VILLA CROP PROTECTION (PTY) LTD.**

**CROWN 750 WDG, ASTRON® 480 SC, DISTURB 200 SL, TERBUCIDE 600 WDG, NICOSULFURON 750 WDG, SKOFFEL® PLUS 200 SL, SKOFFEL® 145 SL and SKOFFEL® SUPER 200 SL are registered products of UNIVERSAL CROP PROTECTION (PTY) LTD.**

**TERBUMAIS 600 WDG and CANONNE 480 SC are registered products of CROPASURE (PTY) LTD.**

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