

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Adjuvant



DIRECT

Reg. No. L 8680 Act/Wet No. 36 of/van 1947

2: 22/4/2013 - Aug2017

*A non-ionic adjuvant with spreading and penetrating properties for use with post- emergence agrochemical applications.*  
**SURFACTANT / OIL**

*'n Nie-ioniese bevorderingsmiddel met verspreidings- en penetreer eienskappe, vir gebruik saam met na-opkoms landbou-chemikalieë toedienings.*  
**BENATTER / OLIE**

**ACTIVE INGREDIENTS / AKTIEWE BESTANDEDELE**

polyether-polymethylsiloxane- copolymer **300 g/l** polieter-polimetielsiloksaan- kopolimeer  
vegetable oil **650 g/l** plantaardige olie



**villa** 

Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1992/002474/07

PO Box / Posbus 10413, Aston Manor, 1630

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Website / Webblad: [www.villacrop.co.za](http://www.villacrop.co.za)

UN Number: 3082

Willow Set & Print 011 394-4486



CAUTION  
VERSIGTIG



GERBUIKSAANWYSINGS INGESLUIT

VERWYS NA BESONDERHEDE  
GEDRUK OP HOUER/SAK

Date formulated:

Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS PRINTED  
ON CONTAINER/BAG

Batch number:

Lotnommer:

**DIRECT**

Reg. No. L 8680 Act/Wet No. 36 of/van 1947

**ACTIVE INGREDIENTS / AKTIEWE BESTANDELE:**

polyether-polymethylsiloxane-copolymer / polieter-polimetielsiloksaan-kopolimeer ..... 300 g/l  
 vegetable oil / plantaardige olie ..... 650 g/l

Registration holder / Registrasiehouer:

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

Co. Reg. No. 1992/002474/07 Mpy. Reg. Nr.

PO Box / Posbus 10413, ASTON MANOR, 1630

Tel. (011) 396 2233

**CAUTION / VERSIGTIG****WARNINGS**

- Treat **DIRECT** with care.
- Harmful when swallowed or inhaled.
- Harmful in case of contact with skin and eyes. May cause severe irritation when in contact with eyes and may cause mild irritation to skin, lungs and stomach.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key in a cool, dry place away from food and feedstuffs.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

**Although this remedy has been extensively tested under a large 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 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 or for lack of performance of the remedy concerned, due to failure of the user to follow the label instructions 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**

- Consult the label of the product of concern that **DIRECT** is to be used with. All the “**WARNINGS**” of the product that **DIRECT** is to be used with, is applicable and must be followed.
- Read the labels of concern carefully before the products are applied as a tank mixture.
- Avoid inhalation of the spray mist, skin contact and splashes into eyes.
- Wear protective clothing: eye protection, overall, rubber boots and rubber hand gloves when the product is applied.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean the applicator before using it for other remedies. Dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the container by perforation and flattening and dispose of it in a safe way.
- **Do not** re-use the empty container for any other purpose.
- Do not eat, drink or smoke whilst mixing, applying the product or before washing hands and face or change of clothing.
- Avoid contamination of food, feeds, drinking water and eating utensils.

**DIRECTIONS FOR USE: Use only as indicated.****Product Information:**

**DIRECT** is a non-ionic adjuvant based on the organo-modified siloxane technology in combination with a vegetable oil to enhance wetting and spreading on the plant surface.

**Application:**

- Ensure optimum effect of **DIRECT** by following the “**WARNINGS**” and “**PRECAUTIONS**” carefully.
- Follow the label instructions of the pesticide or plant nutrient carefully.
- Carefully monitor the application in order to ensure effective product application and to determine correct and optimum dosage rates.

**Compatibility:**

**DIRECT** can be used in combination with most agrochemical remedies such as herbicides, insecticides, fungicides as well as foliar nutrients; unless the product label indicates that it should not be used with a non-ionic wetting agent and/or oil. It is advisable to ensure effective mixing of the pesticide with **DIRECT** in a jar test, before such a tank mix is applied. Consult the supplier and/or registration holder of **DIRECT** and the pesticide concerned, in the case of uncertainty.

**Mixing Instructions:**

- Half fill the spray tank with water.
- Add the recommended quantity of product according to label, to spray tank while agitating.
- Then add **DIRECT** and fill the spray tank with water to the required level, while maintaining agitation, to ensure thorough mixing before spraying.
- Maintain agitation during the spraying.

**APPLICATION RATES**

<b>Product Group &amp; Crop</b>	<b>Active Ingredient</b>	<b>Trade Name Examples</b>	<b>Dosage Rate</b>	<b>Remarks</b>
<b><u>Fungicides</u></b>	All Fungicides that recommend the use of a wetter/spreader, non-ionic surfactant or oil adjuvant	-	0.05 % to 0.1 % (50 to 100 ml) <b>DIRECT</b> / 100 ℓ spray mixture	Consult the pesticide label for the full details regarding “ <b>WARNINGS</b> ” and “ <b>DIRECTIONS FOR USE</b> ”. <b>Not yet</b> recommended on fruit crops.
	<b>Triazole/ Benzimidazole</b> combination products	<b>Sparta 375 SC</b> <b>Sparta Plus 375 SC</b> <b>PUNCH® C (L 3626)</b> <b>Aria 188 SC</b>		
	<b>Triazoles</b>	<b>Scope 250 SC</b>		
<b><u>Insecticides</u></b>	All Insecticides that recommend the use of a wetter/spreader, non-ionic surfactant or oil adjuvant	-	0.05 % to 0.1 % (50 to 100 ml) <b>DIRECT</b> / 100 ℓ spray mixture	Consult the pesticide label for the full details regarding “ <b>WARNINGS</b> ” and “ <b>DIRECTIONS FOR USE</b> ”. <b>Not yet</b> recommended on fruit crops

<b>Product Group &amp; Crop</b>	<b>Active Ingredient</b>	<b>Trade Name Examples</b>	<b>Dosage Rate</b>	<b>Remarks</b>
<b>Herbicides</b>	All Herbicides that recommend the use of a wetter/spreader, non-ionic surfactant or oil adjuvant	-		Consult the pesticide label for the full details regarding “ <b>WARNINGS</b> ” and “ <b>DIRECTIONS FOR USE</b> ”.
	<b>Triazines</b>	<b>TERBUSIEN SUPER 600 SC</b> (L 5435 / N-AR 1110)  <b>Terbuweed 600 WDG</b>		
	<b>Paraquat</b>	<b>SKOFFEL® 145 SL</b> (L 4347) <b>SKOFFEL® SUPER 200 SL</b> (L 6328 / W 130059 / N-AR 1097)		
	<b>Glyphosate</b>	<b>Scat® 360 SL</b> <b>Panga Turbo 450 SL</b> <b>Panga Plus 540 SL</b> <b>Glygran 710 SL</b>  (Glyphosate containing products)	0.05 % to 0.1 % (50 to 100 ml) <b>DIRECT / 100 ℓ</b> spray mixture	Use <b>DIRECT</b> only when the Villa/Universal <b>Glyphosate</b> rates are less than the minimum percentage recommended on the <b>Glyphosate</b> labels.  <b>DIRECT</b> can only be used with <b>Glyphosates</b> in conjunction with <b>VELOCITY®-SUPER</b> or <b>VELOCITY®-DRYMAX</b> .
	<b>Sulfonylureas</b>	<b>Halo 750 WDG</b>  <b>Nicoron 750 WDG</b>		
<b>Foliar nutrients &amp; Other</b>	All Foliar nutrients that recommend the use of a wetter/spreader, non-ionic surfactant or oil adjuvant	-	0.05 % to 0.1 % (50 to 100 ml) <b>DIRECT / 100 ℓ</b> spray mixture	Consult the pesticide label for the full details regarding “ <b>WARNINGS</b> ” and “ <b>DIRECTIONS FOR USE</b> ”. <b>Not</b> yet recommended on fruit crops.

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

- **ARIA 188 SC** (L 7943) = **DIFENOZIM 188 SC** (L 7924 / W 130444 / N-AR 1341),
- **SPARTA 375 SC** (L 8403 / N-AR 1340) = **FLUSILAZIM 375 SC** (L 8400 / W 130493) = **FLUSICARB 375 SC** (L 9409),
- **SPARTA PLUS 375 SC** (L 9499) = **FLUSILAZIM EXTRA 375 SC** (L 9500),
- **SCOPE 250 EC** (L 7942 / N-AR 1098) = **D-ZOLE 250 EC** (L 7923) = **DIFEN 250 EC** (L 8535),
- **TERBUWEED 600 WDG** (L 8800) = **TERBUCIDE 600 WDG** (L 8799 / W 1301046) = **TERBUMAIS 600 WDG** (L 8798),

- **SCAT® 360 SL** ( 5716 / W 130453SG) = **SLASH 360 SL** (L 7811 / N-AR 1087) = **PANGA 360 SL** (L 7812) = **GLYPHOSATE 360 SL** (L 8128),
- **PANGA TURBO 450 SL** (L 8506) = **SLASH TURBO 450 SL** (L 8505) = **LYNCH TURBO 450 SL** (L 8754),
- **PANGA PLUS 540 SL** (L 8818) = **SLASH PLUS 540 SL** (L 8819) = **LYNCH PLUS 540 SL** (L 8816),
- **GLYGRAN 710 SG** (L 8449) = **SLASH 710 SG** (L 8450 / W 130058) = **LYNCH 710 SG** (L 8670),
- **HALO 750 WDG** (L 8283 / N-AR 1337) = **CROWN 750 WDG** (L 8282) = **STRIGO 750 WDG** (L 8671),
- **NICORON 750 WDG** (L 8045 / N-AR 1335) = **NICOSULFURON 750 WDG** (L 8059) = **ODIN 750 WDG** (L 8495),
- **VELOCITY®-SUPER** (L 9603) = **AMS-SUPER** (L 9758) and
- **VELOCITY®-DRYMAX** (L 9454 / W 130995 / N-AR 1528) = **AMS-GRANULE** (L 9610).

**SPARTA 375 SC, ARIA 187.5 SC, SCOPE 250 EC, SPARTA PLUS 375 SC, TERBUSIEN SUPER 600 WDG, PANGA 360 SL, NICORON 750 WDG, HALO 750 WDG, PANGA TURBO 450 SL, PANGA PLUS 540 SL, PANGA PLUS 540 SL, GLYGRAN 710 SG, VELOCITY®-DRYMAX, VELOCITY®-SUPER, DIRECT, AMS-SUPER, AMS-GRANULE and/en TERBUWEED 600 WDG** are registered products of / is geregistreerde produkte van **VILLA CROP PROTECTION (PTY) LTD**

**FLUSILAZIM EXTRA 375 SC, FLUSILAZIM 375 SC, DIFENOZIM 187.5 SC, D-ZOLE 250 EC, SLASH 360 SL, CROWN 750 WDG, NICOSULFURON 750 WDG, SLASH TURBO 450 SL, SLASH PLUS 540 SL, SLASH 710 SG and/en TERBUCIDE 600 WDG** are registered products of / is geregistreerde produkte van **UNIVERSAL CROP PROTECTION (PTY) LTD.**

**SKOFFEL® 145 SL, SKOFFEL® SUPER 200 SL and/en SCAT® 360 SL** are registered trademarks of / is geregistreerde handelsmerke van **UNIVERSAL CROP PROTECTION (PTY) LTD.**

**DIFEN 250 EC, TERBUMAIS 600 WDG, GLYPHOSATE 360 SL, LYNCH TURBO 450 SL, LYNCH PLUS 540 SL, SLASH TURBO 450 SL, LYNCH 710 SG, STRIGO 750 WDG, ODIN 750 WDG and/en FLUSICARB 375 SC** is registered products of / is geregistreerde produkte van **CROPASURE (PTY) LTD.**

**PUNCH® C** is a registered trademark of / is 'n geregistreerde handelsmerk van **DU PONT DE NEMOURS SOUTH AFRICA (PTY) LTD.**