



# POWER-UP®

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**A liquid ammonium sulphate based adjuvant and water pH regulator for use with glyphosate and sulfosate herbicides.**

## Active Ingredients

Ammonium Sulfate  
Acidifying system  
Humectant  
Wetter / Spreader

**Total active ingredients:** 562g/ℓ

**agchem**   
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**Rolfes**  
GROUP

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SEE CONTAINER FOR BATCH DETAILS  
COUNTRY OF ORIGIN: REPUBLIC OF SOUTH AFRICA  
VERSION 1.2: 05/2017



**POWER-UP** contains an organic acidifying system that when applied correctly will acidify the majority of spray solutions to a pH of between 4 - 6 depending on the initial water quality.

**POWER-UP** contains an electrolyte tolerant wetting/penetrating agent to improve the wetting, spreading and contact of the remedy with plant foliage.

**POWER-UP** increases the rate of uptake and transport of the herbicides in the plant.

**POWER-UP** helps prevent alkaline hydrolysis of pH sensitive herbicides.

#### WARNINGS

Observe any warnings that apply to the product or products with which **POWER-UP** is to be used.

Observe caution when using **POWER-UP** with any herbicide other than glyphosate and sulfosate.

**POWER-UP** may improve the efficacy of selective herbicides to such an extent that it may lose its selectivity and cause damage to the crop.

Do not use **POWER-UP** with herbicides that require an alkaline environment (pH > 7).

Store away from food and feeds.

Keep out of reach of children and animals.

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 and the occurrence of resistance of the pest or disease against the pesticide used 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 animals 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 registration. Consult the supplier in the event of any uncertainty.

#### PRECAUTIONS

Avoid prolonged contact with concentrated product.

In the case of skin contact, wash affected area immediately with soap and water.

In case of contact with eyes flush immediately with water for at least 10 minutes.

Spray equipment must be thoroughly flushed with clean water after use

Rinse empty container three times with a volume of water equal to at least 10 % that of the container and add the rinsings to the contents of the spray tank before disposing of the container in the prescribed manner.

Destroy empty container by perforation and flattening and never use for any other purpose.

Prevent contamination of food, feeds, drinking water and eating utensils.

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

Mix **POWER-UP** with the spray tank water before adding the herbicide. Always add the herbicide last. Do not add any other adjuvants or surfactants to the spray tank mix.

	WATER QUALITY	APPLICATION RATE
Good	pH 6-7 ; EC 0 - 500 $\mu$ S/cm	1% (1 $\ell$ / 100 $\ell$ water)
Average	pH 7-8 ; EC 500 - 1000 $\mu$ S/cm	1.5% (1.5 $\ell$ / 100 $\ell$ water)
Poor	pH >8 ; EC > 1000 $\mu$ S/cm	2% (2 $\ell$ / 100 $\ell$ water)