



XCELL

PROTOSURE



Xcell Protosure is a liquid fertilizer containing high levels of Nitrogen and Sulphur, specifically designed for foliar applications to correct Nitrogen and Sulphur levels in plants and enhance general plant growth.

Reg. No: K10597
Act No 36 of 1947
Fertilizer Group 1

Registered, Manufactured and Distributed by:

INTROLAB (PTY) LTD

(Reg. No. 2005/039779/07)

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ACTIVE INGREDIENTS

Nitrogen	(N)	216 g/L	164 g/kg
Sulphur	(S)	248 g/L	188 g/kg

SG (@ 20 °C) = 1.32 ± 0,02



Version: Oct 2018

www.introlab.co.za

See enclosed for full details. ➡

See container side for both Batch No. and Manufacture Date. Product expires 2 years after date of manufacture.

Product Description:

- **Xcell Protosure** is a liquid foliar fertilizer, containing high levels of Nitrogen and Sulphur designed to prevent and correct Nitrogen and Sulphur deficiencies and enhance plant growth and development.
- **Xcell Protosure** is completely water soluble.

Compatibility:

- It is advisable to do a miscibility test prior to mixing **Xcell Protosure** with other agricultural products.

Mixing Instructions:

- Shake the container thoroughly before use.
- Follow the standard tank mixing procedure if this product is applied in combination with other agricultural products.
- Ensure good agitation throughout application.

Storage:

- Store in the original, well-sealed container away from direct sunlight in a cool dry environment.
- Keep away from children, uninformed people, animals and foodstuffs.

Application Instructions:

- **Xcell Protosure** is recommended for use as a foliar application.
- **Xcell Protosure** is recommended for use during periods when the Nitrogen and Sulphur demand is high.
- **Xcell Protosure** should preferably be applied in the early morning or late afternoon.
- Consult your chemical distributor, consultant or the registration holder should crop specific programmes be required, or if any additional information and guidance is required concerning the use of this product.
- For optimum results **Xcell Protosure** should be used in a balanced plant nutrition programme.
- Ensure good even coverage of the plants.

Directions for use: (Use only as directed)

CROP	RATE / HA	REMARKS
FOLIAR APPLICATIONS:		
Field Crops: Canola, Wheat, Barley, Maize, Sunflower, Soybeans, Sorghum, Groundnut, Cotton, Tobacco, Potatoes, Lucerne, Pastures	3 - 5 ℓ	Apply as a full cover spray after emergence as soon as enough leaves have developed for uptake. Apply during the vegetative growth periods. Repeat application 14 days later or as required. Wheat: apply last application at 50% head emerged. (Feekes growth stage 10,3 / Zadoks growth stage 54) Apply in 200-300Lt water/ha
Vegetable Crops: Lettuce, Beans, Brassica, Cucurbits, Garlic, Onions, Peppers, Peas, Tomato, Celery, Beetroot, Carrot, Strawberries	2 - 3 ℓ	Apply as a full cover spray after emergence or establishment of transplants, as soon as enough leaves have developed for uptake. Apply during the vegetative growth periods. Repeat application 14 days later or as required. Apply in 200-400Lt water/ha
Pome and Stone Fruits: Apples, Pears, Nectarines, Peaches, Plums, Apricots, etc.	5 - 10 ℓ	<ol style="list-style-type: none"> 1. Apply before flowering stage 2. Repeat after fruit set 3. Apply post-harvest Apply in 2000-3000Lt water/ha
Subtropical Fruits: Citrus	10 - 15 ℓ	Apply post-harvest when leaf N & S levels are low. Do not use where Urea LB was sprayed Apply in 2000-4000Lt water/ha
Avocados	8 - 12 ℓ	Apply post-harvest but prior flower initiation

Directions for use: (Use only as directed)

CROP	RATE / HA	REMARKS
Litchis, Mangoes, Bananas, Pineapples, etc.	8 - 12 ℓ	1. Apply before flowering stage 2. Repeat after fruit set 3. Apply post-harvest Apply in 2000-4000Lt water/ha
Nut Trees: Almond, Macadamia, Pecan, Walnut, etc.	8 - 12 ℓ	1. Apply at flower initiation 2. Repeat after fruit set prior to fruit drop Apply in 2000-3000Lt water/ha
Turf: Golf greens, Bowling greens, sport fields	20 - 50 ℓ	Apply as a foliar application on a monthly basis. Apply in 500Lt water/ha
Other: Olives, Grapes, Figs, Pomegranates, Berries, etc.	2 - 3 ℓ	Apply as a full cover spray as soon as enough leaves have developed for uptake. Apply during the vegetative growth periods. Apply at 1-2 week intervals as required. Apply in 500-1500Lt water/ha

Warranty:

Although this product has been extensively tested under 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 conditions as well as method, time and accuracy of application