

Reg. No. B3761, N-F1653 Act No. 36 of 1947 / Reg. Nr. B3761, N-F1653 Wet Nr. 36 van 1947

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Group/Groep

2

Fertilizer/Kunsmis

A SOLUBLE LIQUID FERTILIZER TO SUPPLY NITROGEN, SULFUR, MANGANESE, ZINC, BORON AND MOLYBDENUM FOR CROPS AS LISTED.

Danger

**Hazard Statements:**

- Causes serious eye damage.
- May damage fertility or the unborn child.
- Causes damage to organs through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

- Do not breathe mist and spray.
- Wash hands thoroughly after handling.
- Do not eat, drink, or smoke when using this product.

Composition:

Nitrogen (N)	50.0 g/kg	65.4 g/L	Boron (B)	2.2 g/kg	3.0 g/L	Molybdenum (Mo)	0.4 g/kg	0.5 g/L
Phosphorus (P)	11.1 g/kg	15.1 g/L	Manganese (Mn)	44.0 g/kg	59.8 g/L	Zinc (Zn)	30.0 g/kg	40.8 g/L
Sulfur (S)	24.7 g/kg	33.6 g/L						

S.G (at 20°C): 1.36

UN 3082

Net Volume:
20 L

WARNINGS:

- GHS Hazard Statements:

Pictograms and Signal word	Hazard Statements	
Danger   	H318	Causes serious eye damage.
	H360	May damage fertility or the unborn child.
	H373	Causes damage to organs through prolonged or repeated exposure.
	H410	Very toxic to aquatic life with long lasting effects.

- Relevant Substance:

Name	CAS No.	Weight (%)
Manganese sulphate	10034-96-5	50
Zinc borate	10361-94-1	1.74
Zinc phosphate	7779-90-0	5
Zinc sulphate	7446-20-0	8.26

Although this fertilizer 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 the application. Furthermore, the registration holder does not accept responsibility for damage to crops, vegetation, the environment, harm to man or animal, or lack of performance of the fertilizer 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:

- GHS Precautionary Statements:

P260	Do not breathe mist and spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P305 P351 P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P391	Collect spillage.

- Clean applicator and mixing containers thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Triple rinse the empty container: 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). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Do not re-use container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

DIRECTIONS FOR USE:

- SHAKE BEFORE USING.
- Use only as indicated on this label.

Row Crops:	
Foliar Applications:	Dilute 1 L: 100 L water and apply to the crop (Max concentration of 3% or 3 L/100 L of water).
Soil Applications:	3-5 L/ha application.
Infurrow Applications:	1-3 L/ha application.
Tree Crops and Vines:	
Foliar Applications:	Dilute 0.5 L:100 L water and apply as a full cover application (Max concentration of 2% or 2 L/100 L of water).
Soil Applications:	5-10 L/ha per application, dilute 1:1000 and apply 3-6 times through the growth periods.

Mixing: X-Press® Functional should preferably be applied in the early morning or late afternoon. The rate of application is dependent on the soil fertility and reaction required. The lower rates should be used for maintenance while the higher rates will correct nutritional deficiencies.

Compatibility: X-Press® Functional is compatible with Roundup® PowerMAX Reg. No.: L 7769 Act 36 of 1947 (Active Ingredient 540 g/L Glyphosate (Glycine)).

Storage: X-Press® Functional should be stored out of direct sunlight and in a dry and cool place under frost-free conditions. Keep the product locked up and out of the reach of children and animals. Avoid contamination of foodstuff or water sources.

Crops	Dosage/ha	Remarks
Bean: Dry & Green	0.5-2 L	First application at V4-V8 growth stage and repeat at R1-R2 (start of flowering).
Berry	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Carrot	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Citrus	4-5 L	Start application at 50% flowering, repeat at fruit set, 28 days later and then as required.
Cruciferae	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Cucurbit	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Kiwi Fruit	2-3 L	Start application at 10 cm shoot length, repeat at pre-flowering, 3 mm berry size and 28 days later.
Lettuce	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Maize	0.5-2 L	First application at V4-V6 growth stage (15 cm shoot height), repeat if required at V8-V10 growth stage.

Crops	Dosage/ha	Remarks
Nuts: Macadamia, Pecan	3-5 L	Start application at 50% flowering, repeat at fruit set, 28 days later and then as required.
Olive	2-4 L	Start application at 50% flowering, repeat at fruit set, 28 days later and then as required.
Onion	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Ornamental	2-4 L	Apply every 21-28 days.
Peanut	0.5-2 L	First application at V4-V8 growth stage, repeat at R1-R2 (start of flowering).
Pepper	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Pome Fruit: Apple, Pear	3-5 L	Start application at 50% flowering, repeat at fruit set, 28 days later and then as required.
Potato	2-3 L	Apply 3-4 times per season. Start from 100% emergence (3-5 weeks) and repeat every 21-28 days.
Seedling	150 ml/100 L	Drench 10 days after germination and repeat 28 days later.
Soybean	2-3 L	First application at V4-V6 growth stage and repeat at R1-R2 (start of flowering).
Stone Fruit: Cherry, Nectarine, Peach	3-5 L	Start application at 50% flowering, repeat at fruit set, 28 days later and then as required.
Strawberry	2-4 L	Apply at 4-6 leaf stage and repeat every 21 days.
Sugarcane	2-3 L	Start application when shoots are 30 cm high and repeat 28 days later.
Sunflower	0.5-2 L	Start application when plants are 20 cm high and repeat during flowering.
Table Grape & Vines	2-3 L	Start application at 10 cm shoot length, repeat at pre-flowering, 3 mm berry size and 28 days later.
Tobacco	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Tomato	2-3 L	Apply at 4-6 leaf stage and repeat every 21 days.
Turf	2-4 L	Apply every 21-28 days.
Wheat	0.5-2 L	First application at tillering and repeat during flag leaf stage if required.

Roundup® PowerMAX (L 7769 – 540 g/L Glyphosate) is a registered trademark of Bayer (PTY) LTD and registered under Act No. 36 of 1947.