

MANMAX®

Reg. No. B2768, Act No. 36 of 1947
Namibian Reg. No. N-F 236

LIQUID ORGANIC MANGANESE COMPLEX

FERTILIZER GROUP 2

A liquid water soluble organic manganese complex for use as a foliar nutrient on various crops for the prevention or correction of manganese deficiencies.

COMPOSITION:

Manganese (Mn) 75 g/ℓ
Boron (B) 6.5 g / ℓ



WARNING

GHS HAZARD STATEMENT

Causes skin irritation.
Causes serious eye irritation.
Toxic to aquatic life.

GHS PRECAUTIONARY STATEMENT

Avoid releases to the environment.
Wear protective gloves, protective clothing, eye protection and face protection.



REGISTRATION HOLDER:

Gouws and Scheepers Pty Limited

Reg. No. 1954/003213/07
Trading as Plaaskem
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Manmax® is a registered trademark of AECI® Limited

Batch no:

UN No.: **Not regulated**

WARNINGS:

GHS HAZARD STATEMENTS

Causes skin irritation.
Causes serious eye irritation.
Toxic to aquatic life.

PRECAUTIONS:

GHS PRECAUTIONARY STATEMENTS

Prevention

Avoid releases to the environment.
Wear protective gloves, protective clothing, eye protection and face protection.
Wash hands and face thoroughly after handling.
Do not touch eyes.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical help.
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.
Take off contaminated clothing and wash it before re-use.

Disposal

Dispose of content/container in accordance with local and national legislation/regulations.

RELEVANT SUBSTANCES:

Substance name (IUPAC)	Concentration % By weight	Classification
Aqueous Ammonia (26%)	1-3%	Skin Corrosion/Irritant (Category 1) H314. Serious Eye Damage/ Irritant (Category 1) H318. Aquatic Toxicity Acute (Category 1), M Factor = 10. Aquatic Toxicity Chronic (Category 2).
Boric acid	1-3%	None as <5.5 % cut-off for Reproductive toxicity (Category 1B) H360 FD.

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **MANMAX** and is therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

MANMAX is compatible with most commonly used pesticides and foliar feeds, except foliar feeds with a high phosphorous content. However, it is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications. Do not mix **MANMAX** with highly alkaline materials such as Lime sulphur or Bordeaux mixture. Where overhead systems are in use, avoid scheduling irrigation directly after application. In orchards equipped with micro irrigation systems spray deposits should not be affected by irrigation. Use the lower concentration for maintenance, and the higher concentration for sufficient uptake.

APPLICATION TABLE:

CROP	DOSAGE ℓ / ha OR AS INDICATED	APPLICATION METHOD
Apples, Pears	75 - 100 ml/100 ℓ water to a maximum of 2 ℓ/ha	Apply as a foliar spray before blossom. Repeat after harvest. Apply in a minimum of 1 000 - 3 000 ℓ water/ha.
Apricots, Peaches, Plums	75 - 100 ml/100 ℓ water to a maximum of 2 ℓ/ha	Apply as a foliar spray after harvest. Apply in a minimum of 1 000 - 3 000 ℓ water/ha.
Citrus	75 - 100 ml/100 ℓ water to a maximum of 2 ℓ/ha	Apply as a foliar spray on the new flush of growth in spring. Repeat 3-4 weeks later if necessary. Apply in a minimum of 1 000 - 3 000 ℓ water/ha.
FIELD CROPS Maize, Peas, Soybeans, Groundnuts, Wheat, Barley, Oats, Cruciferae, Onions, Tomatoes, Potatoes, Cucurbits	75 - 100 ml/100 ℓ water to a maximum of 4 ℓ/ha	Apply early in the growing season when crop has sufficient leaves to absorb the spray. Repeat 3-4 weeks later if necessary. Apply in a minimum of 250 ℓ water/ha.
Dry beans	75 – 100 ml/100 ℓ water to a maximum of 4 ℓ/ha	Commence application early in the growing season when crop has sufficient leaves to absorb the spray. Repeat 2 weeks later if necessary. Apply in a minimum of 250 ℓ water/ha.
Olives	75 - 100 ml/100 ℓ water to a maximum of 2 ℓ/ha	Apply as a foliar spray during late spring. Apply in a minimum of 1 000 - 3 000 ℓ water/ha.
Pastures	75 - 100 ml/100 ℓ water to a maximum of 7 ℓ/ha	Apply in early spring and repeat annually. Apply in a minimum of 250 ℓ water/ha.

NOTE: Spray volumes and dosage applied will be determined by the actual tree or plant size. The dosage is dependent on the magnitude of the deficiency.

IMPORTANT: Before applying MANMAX consult your AECI Plant Health Crop Adviser on the necessity of using it.

