



**DUAL CHELATE
FERTILIZER**
THE SCIENCE IN PLANT NUTRITION

ACTIVATED ANS 39

NPKS: 25-0-0-14, Mg and Fe (EDDHSA Chelated)
+14.46% Sulphur, 0.02% Magnesium, 0.01% Iron (EDDHSA
Chelated) + Patented Organic Activators (CPPA)

A combination of Nitrogen, Sulphur, Magnesium, chelated Iron and biologically active organic molecules to optimize crop production via increased Nitrogen uptake and chlorophyll production.

Benefits of Activated ANS 39

Increases plant development and vigour whilst encouraging greener growth and larger yields

Added Magnesium and Iron boosts chlorophyll synthesis, reduces chlorosis and improves the photosynthesis capacity

Sulphur aids in protein synthesis and Nitrogen use efficiency

Increased nutrient uptake and translocation of other elements through Patented Organic Activators (CPPA)

EDDHSA chelated Iron provides superior stability in many soil pH's 3-11

The Importance of Nitrogen

Nitrogen is essential for the plant growth and development and is a major component of the chlorophyll molecule required for plant-available energy.

The Role of Sulphur

Sulphur is an essential macronutrient for the production of amino acids, proteins, enzymes, vitamins and chlorophyll in plants. Sulphur plays a crucial role in photosynthesis and crop winter hardiness. Also, Sulphur is an essential element for the efficient Nitrogen fixation in legume root nodules.

The Benefits of CPPA

CPPA is a group of organic acids which enhance various plant physiological functions such as nutrient absorption, shoot and root growth, germination and seedling emergence.



ACTIVATED ANS 39

Physical Properties - pH: <1, Specific Gravity: 1.4 - 1.5
Analysis W/V%: 25.01% N, 14.46% S, 0.02% Mg, 0.01% Fe (EDDHSA Chelated)
+Patented Organic Activators (CPA)

Application Guide

Crop	Foliar	Fertigation	Comments
Broadacre Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture	10-30L/ha diluted in 50-100L of water	10-100L/ha	Apply early to mid-tillering and apply as required.
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	5-10L/ha diluted in 500-1000L of water	20-100L/ha	Avoid foliar application to stone fruit during active leaf growth.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	5-10L/ha diluted in 500-1000L of water	20-100L/ha	Apply post-harvest foliar. Fertigate at regular intervals during vegetative growth.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	5-10L/ha diluted in 500-1000L of water	20-50L/ha	Apply during active growth stage.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	5-10L/ha diluted in 500-1000L of water	10-20L/ha	Apply as required, every 7 - 14 days from early growth to harvest.
Root Vegetables: Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	5-10L/ha diluted in 500-1000L of water	10-20L/ha	Apply every 3 weeks from start of emergence.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	5-10L/ha diluted in 500-1000L of water	20-50L/ha	Foliar applications from bud burst to flowering. Fertigation at root flush in Spring to Post Harvest.



FOLIAR



FERTIGATION

Disclaimer: Please be aware that fertiliser can burn and or damage crops and pasture. Visible nutrient deficiency symptoms, analytical results and nutrient removals are the most commonly used criteria to determine the appropriate application rate. There are a number of factors including (but not limited to) weather, soil conditions, application methods, irrigation and management practices which are beyond the control of Dual Chelate Fertilizer and cannot be foreseen. Therefore, Dual Chelate Fertilizer accepts no responsibility what so ever for any damage, loss or other consequences following the use of this guide or product.