



# SC+ PASTURE



**A HIGHLY CONCENTRATED FULLY WATER DISPERSABLE LIQUID FERTILISER CONTAINING OPTIMALLY SYNERGISTIC RATIOS OF CALCIUM, MAGNESIUM, MANGANESE, ZINC AND TRACE ELEMENTS TO ENSURE STRONG HEALTHY PASTURE.**

## MAJOR BENEFITS OF USING PASTURE

- Synergistically formulated to ensure essential crop nutrition, especially from tillering and modulation right through grazing to post harvest.
- Calcium is required for synthesis of cells in the growing pollen tube and determines direction of growth of the pollen tube.
- Added Magnesium to improve chlorophyll production, especially in new leaf
- Provides essential zinc that improves pollination as well as levels of growth hormones, Zinc also helps to relieve environmental stress.
- Boron assists pollen tube development as well as the whole pollination process and enhances calcium absorption
- Manganese is essential as an enzyme activator which helps with nitrate assimilation.
- Can be applied with a wide range of other agricultural chemicals.

## THE ROLE OF CALCIUM

Calcium is the primary building block of the cell walls and membranes without which cell division will be adversely affected, and structural stability and permeability of the cell walls will suffer. Calcium is the main transport mechanism for nutrients and boron is the placement of these nutrients in the plant. Results show that increasing available calcium to the crop promotes longer shelf life, and reduced bruising. Problems such as cracking, splitting, water core, bitterpit, internal browning, blossom-end rot in tomatoes and soft-bottom in melons are avoided.

## THE ROLE OF MAGNESIUM

Magnesium is an essential part of chlorophyll structure. Magnesium plays a major role in photosynthesis and other plant functions, particularly the uptake and mobilisation of other plant nutrients, specifically phosphorus. Magnesium is very mobile in

the plant and deficiencies are seen in the old leaves with inconsistent chlorosis. Magnesium is an essential part of the ATP activation process that helps in energy storage in cell catalysing various enzyme systems that regulate metabolic processes. Magnesium deficiencies lead to abnormal growth patterns associated with reduced yield and quality.

## THE ROLE OF ZINC

Zinc forms an enzyme which produces carbon dioxide and maintains CO<sub>2</sub> levels for photosynthesis. Zinc plays an important role in the production of auxins.

## THE ROLE OF BORON

Boron is a trace element essential to many functions of the plant It is actively involved in the transportation of sugars across cell walls, and in the synthesis of cell wall material and the regulation of water within the cells. As a direct effect of boron availability to necessitate these functions, deficiencies of the trace element will result in stunted plant growth and development. Boron is closely linked to the reproductive process of the plant in that pollen production is greatly influenced by the availability of boron. Sufficient available quantities are essential for the production of pollen and for pollen viability.

## THE ROLE OF MANGANESE

MANGANESE is essential as an enzyme activator which helps with nitrate assimilation. It is also primarily involved in photosynthesis and chlorophyll production. MANGANESE influences auxin levels in plants and is required for maximum activity of many enzyme reactions found in the citric acid cycle.

## PRODUCT CHARACTERISTICS

Specific Gravity: - 1.50

Colour: Light Pink

Analysis	Weight/Volume Percent (w/v)%
Calcium (Ca)	20
Manganese (Mn)	4.5
Magnesium (Mg)	4
Zinc (Zn)	1
Copper (Cu)	0.5
Boron (B)	0.2
Molybdenum (Mo)	0.01
Cobalt (Co)	0.001
Selenium (Se)	0.001
Iodine (I)	0.001

## FOLIAR APPLICATION

CROP	RATE L/Ha	MIN DILUTION	COMMENTS
Lucerne and Grass	2.5 - 5.0	25:1	Apply after cutting when there is sufficient leaf cover. Also for maintenance every 2-3 week
Clover	2.5 - 5.0	25:1	Apply the following week (7) to the point of runoff.

## FERTIGATION APPLICATION

CROP	RATE L/Ha	MIN DILUTION	COMMENTS
Lucerne, Grass and Clover	10 - 20	200:1	Apply as a complete nutritional program in conjunction with your agronomist.

See label for information on Storage and Handling.

## NOTE

- All suggested application rates are for cal Australian conditions, and should be used as guidelines only. Individual conditions; climate, water quality, soil type and application practices may differ necessitating corrections to ensure optimum results.
- Ideally, brix or leaf tests should be conducted on a regular basis to determine plant nutrient levels at each growth stage. It is highly recommended to conduct soil tests at least once a year.
- Avoid application under extreme weather conditions; temperatures over 28 C, high humidity, frost or rain. - Apply using a minimum of at least the labelled dilution rate to avoid potential leaf burn.
- It is advisable, when applying for the first time or in conjunction with other products, to spray an initial small test area for observation before general application

## MIXING

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then acid the remainder of the water. Agitate thoroughly while carrying out spray operations. Reseal part-used containers immediately after use

## COMPATIBILITY

EZYFLOW PASTURE is compatible with a wide range of agricultural products. If unsure of tank mixes always conduct a jar test and test spray a small area of the target crop. For the latest results of compatibility please contact the retailer.