



**HYBRID AG**

MACRO-NUTRIENTS RANGE

# POWER-CAL FLOWER



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**Power-Cal Flower is based on the world's best and latest Calcium Technology for plants. Essential plant nutrients are complexed in an organic sugar alcohol to create a highly efficient foliar fertiliser. The small molecular size and delivery package containing humectants, spreading and penetrant agents further ensures that the complexed nutrients are both phloem and xylem mobile.**

Calcium is a relatively immobile element in plants and this causes some well-known disorders. **Power-Cal Flower** is specifically designed to provide Calcium to plants more efficiently than other forms. **Power-Cal Flower's** sugar alcohol complexes the Calcium ion enabling it to move into the plant via the phloem, where the sugars move more easily towards the growth forming locations. Once Calcium reaches the fruit forming tissue the sugar bond breaks down and the Calcium flows to where it is needed.

## Features of **Power-Cal Flower**:

- Builds tissue Calcium levels, improving disease resistance and drought tolerance
- Improves cell structure
- Assists in early root growth and top growth
- Improves overall quality, weight and texture
- Contains leaf penetrants and translocation aids to enhance root and foliar uptake
- Contains 100% plant available nutrients utilising the Power-Cal delivery system

This blend also includes a diverse synergy of trace elements targeting Flower development - Manganese, Boron, Zinc, Molybdenum, Iron, and Copper. The complex combination of heptonate sequestrants, sugar alcohol chelates, amino acid chelates, advanced fulvic acid extracts and saponins allows to deliver the trace elements in a form compatible with the plants biological process.

Manganese plays an important role in photosynthesis. Boron has an influence on pollination, flowering and is essential for cell division. Zinc is vital for production of growth hormones and conversion of carbohydrates. Molybdenum is required in converting nitrate to ammonium. Iron is an integral component of many enzymes and necessary for chlorophyll production. Copper contributes to elasticity in the plant and a natural fungicidal effect.

## APPLICATION RATES

### Foliar / Watered in

10 litres per hectare or as advised

### Dilution rate

1:20 or as advised

## TYPICAL ANALYSIS

Major Elements	w/v%
Calcium (as Sugar Alcohol)	3.8%
Nitrogen	0.5%
Trace Mix (Mn, B, Zn, Mo, Fe, Cu)	4.3%
Liquid Kelp	0.8%
Fulvix	2.8%
Carbohydrates	14.8%

**Store in a cool place away from sunlight.  
Stir well before use.**

