



**PRODUCT INFO
& DATASHEET**

PROCHEL CalBo 10% Ca + 1% B

High quality calcium chelate with 1% boron for preventing calcium and boron deficiencies in agricultural and horticultural crops

1. PRODUCT DESCRIPTION & ANALYSIS

PROCHEL CalBo contains: 10% Calcium (100 gm Ca per kg, 140 g CaO per kg) and 1% Boron as sodium borate Chelating agent ethylenediamine tetra-acetate (EDTA).

PROCHEL CalBo is a high performance calcium chelate for the correction and prevention of deficiencies to calcium in all crops.

*** CERTIFICATE OF ANALYSIS**

PHYSICAL DATA:

| | | |
|---------------------|---|--------------|
| Appearance | : | White powder |
| Odour | : | Neutral |
| Solubility in water | : | 99% |
| pH 1:100 w/v | : | 4.1 ± 5% |

CHEMICAL DATA:

| Elements | Derived from | % Analysis |
|----------------------------|---------------------|---|
| Total Nitrogen | : | 15.0% |
| Ammoniacal N | AMS | 5.0% |
| Ureic N | Urea | 10% |
| Sulphur (SO ₃) | Metal salt | 12.5% |
| Calcium (CaO) | Metal salt | 14.0% (10% Ca) |
| Boron | sodium borate | 1.0% |
| Chelating agent | : | Ethylenediamine tetraacetic acid (EDTA) |

2. CROP APPLICATION

PROCHEL CalBo can be applied with safety to all crops being grown for agricultural and horticultural purposes.

3. GENERAL RECOMMENDATIONS & DIRECTIONS FOR USE

* **Foliar Applications:** CEREALS, FIELD CROPS, VEGETABLES and SOFT FRUIT

| Foliar Applied: | Maintenance dose | Moderate deficiency | Severe deficiency |
|-------------------------|---|---|--|
| Rate per hectare: | 1.0 kg per hectare | 1.0-1.5 kg per hectare | 1.25-1.5 kg per hectare |
| No. of appln.: | Two - three | Two - three | Two - Three |
| Timing of applications: | 3 weeks after emergence, and at 2 week intervals. | 3 weeks after emergence and at 2 week intervals | 3 weeks after emergence and again at 2 week intervals. |

Central pivot irrigation apply in doses of 1.0-1.5 kg per ha at 10-15 day intervals

* **Foliar Applications:** FRUIT TREES, and other Permanent Crops.

| Foliar Applied: | Maintenance dose | Moderate deficiency | Severe deficiency |
|-------------------------|--|--|---|
| Rate per hectare: | 1.0 kg per hectare | 1.0-1.25 kg per hectare | 1.5 kg per hectare |
| No. of appln.: | Three- four | Three-four | Three-Four |
| Timing of applications: | 1st, post-blossom/main flowering, and then at 30 day intervals | 1st, post-blossom/main flowering, and then at 30 day intervals | 1st, pre-blossom. 2nd, post-blossom, and then at 30 day intervals |

* **Water volume:** Trees and bush fruit: 500 to 1000 litres water per hectare.

Vegetables and soft fruit: 200 to 600 litres water per hectare.

Field crops: wheat, rice, maize, etc.: 200-400 litres water per hectare.

* **When to Spray:** To obtain the best results from your nutrition programme, do not apply foliar fertilizers during the heat of the day. Apply during coolest parts of the day - early morning or in the evening.

4. COMPATIBILITY

PROCHEL CalBo is compatible with most agricultural products, however it is strongly recommended to use a jar test if some uncertainty is felt before large scale mixing takes place. Always add **PROCHEL CalBo** as the last ingredient to the spray solution!