



Bio-Chel Ca

10% CaO w/v

Bio-Chel Ca is a multifunction calcium chelate complex, providing growers and farmers with a completely available calcium for use as a high performance foliar fertiliser or to supplement irrigated calcium in a form that does not contain nitrogen or chloride.

Bio-Chel Ca is an excellent source of pure liquid calcium, a necessary requirement for healthy growth.

Crops

Brassicas, leafy salads, root crops, legumes, tree fruit, soft fruit and ornamentals.

Benefits

- ▶ Protects against calcium related disorders.
- ▶ Provides optimal calcium delivery to support all fruit and vegetable crops.
- ▶ Supports cell structure to reduce susceptibility to pathogen ingress.
- ▶ Eliminates leaf burn associated with high Ca foliar fertilisers.
- ▶ Will improve the shelf and storage life of fruits and vegetables.
- ▶ Provides optimal calcium support through period of peak demand.

Directions for Use

Bio-Chel Ca is intended for both foliar use and application via irrigation. Application rates will vary depending upon crop (see reverse).

Bio-Chel Ca is fully chelated so can be used in any tank mix without fear of reaction. Can be mixed with sulphate/phosphate fertilisers.

Bio-Chel Ca is very safe on leaf however if mixed with other products, avoid applications in full sun and when temperatures exceed 26°C.

10 litres e

Application

The foliar application rate of water mixed with Bio-Chel Ca should ideally be 400-600L/ha, however for field crops applications of 200L/ha are recommended. Use only when necessary and always take the indications of crop and soil/tissue analyses into consideration. Do not exceed recommended application amounts. For optimal foliar results apply to dry leaves.

Crop	Application and Timing
Top Fruit	To prevent bitter pit, and to support healthy growth and high quality apply Bio-Chel Ca regularly from pink bud to harvest at 2.0- 3.0L/Ha at 10-14 day intervals. For optimal results ensure application through the bloom period until 6 weeks post petal fall. Post-harvest apply 2 applications of Bio-Chel Ca to support bud set and growth for following season.
Stone Fruit	To improve the calcium supply and for firm, strong fruit apply Bio-Chel Ca regularly from early bud break until harvest at 2.0- 4.0L/Ha at 14 day intervals. To extend shelf life, Bio-Chel Ca may be added to water in cherry cooling tanks at harvest. Post-harvest apply 2 applications of Bio-Chel Ca to support bud set and growth for following season.
Berry Fruit	For optimal firmness and stable, larger berries, apply 2.0-3.0 litres of Bio-Chel Ca/Ha. Apply from early growth until end of harvest every 7 - 14 days. If applied via irrigation replace or supplement 10-15% of calcium supply with Bio-Chel Ca and mix into calcium tank and apply as per normal crop requirement.
Grapes	For greater fill and firm fruit and to optimise quality and shelf life apply 4 - 8 applications of 3.0 litres of Bio-Chel Ca/Ha. Use 4.0 litres for one or two treatments on fully developed inflorescences. Repeat at 10-14 days intervals from early growth through to end of harvest. Post-harvest apply 2-3 applications of Bio-Chel Ca to support bud set and growth for following season.
Vegetable Crops	To reduce the risk of calcium disorders or to improve quality and shelf/storage life, apply 3.0-4.0 litres of Bio-Chel Ca /Ha at 14 days intervals and repeat as necessary. 3-5 applications are recommended during periods of peak demand.
Fruiting Vegetables	To reduce the risk of blossom end rot and to increase fruit firmness and quality apply 3.0 litres Bio-Chel Ca /Ha from start of flowering until end of harvest. Apply as required at 7-14 day intervals. If applied via irrigation replace or supplement 10-15% of calcium supply with Bio-Chel Ca and mix into calcium tank and apply as per normal crop requirement.
Leafy Salad Vegetables	To reduce tip burn and leaf margin necrosis apply 3 to 4 treatments each at 2.0-3.0 litres of Bio-Chel-Ca/Ha from planting to harvest. To prevent internal browning use 2.0 litres Bio-Chel-Ca/Ha from the start of head formation to harvest. Apply at 7 day intervals.

Precautions

Always read the label and follow instructions when mixing Bio-Chel Ca with other fertilisers and pesticides. Bio-Chel Ca is compatible with all known products, however when mixing with multiple products or new products for the first time a jar test is recommended.

- ▶ Do not breathe spray.
- ▶ Wear protective gloves/protective clothing/ eye protection/face protection
- ▶ Wash hands thoroughly after handling.
- ▶ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- ▶ May cause eye irritation.
- ▶ If ingested in large quantities immediately call a POISON CENTRE or doctor/physician.

