

Opti-CAL™

Calcium chloride

33 % (w/w)

Reg. No. B 3215: Act 36 of 1947

Fertiliser - Grp 2

Calcium

122 g/kg (162 g/ℓ)

Density at 20°C: 1,33 g / cc

Volume

20 ℓ

Registered by :

Chempac (Pty) Ltd, Reg.No., 2002/007885/07
P O Box 516, Suider Paarl 7624.,
Tel.No. (021) 874 1055



Distributed by:

UAP Crop Care – a Division of Plaaskem (Pty) Ltd
Tel. No. (021) 8684063



GENERAL:

Opti-CAL™ is a liquid calcium fertiliser specifically formulated for post harvest dip or drench applications on apples to assist in correcting calcium deficiencies.

WARNINGS:

- Read application instructions carefully.
- Calcium chloride formulations such as Opti-CAL™ can damage fruit if not used as recommended.
- Some apple cultivars such as Golden Delicious are very susceptible to calcium chloride (CaCl₂) phytotoxicity (calcium burn). Particular attention should be given to the application instructions on the label when sensitive cultivars are treated with Opti-CAL™. For more information about Opti-CAL™ and calcium phytotoxicity consult your Opti-CAL™ distributor and the following website: www.paceint.com.
- Fruit of poor quality such as pre and post optimum fruit will have an increased risk to damage by CaCl₂.
- Before applying Opti-CAL™ always consult a post harvest advisor to the desirability of a CaCl₂ application and the possible negative effects of such treatment.
- Contamination of drenching water with iron could cause phytotoxicity on fruit.

DIRECTIONS FOR USE: Use only as directed

Compatibility:

Opti-CAL™ is compatible with DPA (diphenylamine 31% EC formulations) at the recommended application rates as indicated on the registered labels.

Do not mix Opti-CAL™ with any other products unless a physical compatibility test has been conducted and the safety of the combination has been established.

Application:

1. Application rate: 600 - 700 mℓ Opti-CAL per 100ℓ water for sensitive cultivars such as Golden Delicious, Gala / Royal Gala, Pink Lady and others; 1,33 ℓ Opti-CAL™ per 100ℓ water on Granny Smith, and less sensitive Red varieties. Production area, time of harvest and/or climatic conditions during fruit development can have an effect on the sensitivity of fruit to CaCl₂ burn. These factors should be considered when determining application rates.
2. Add Opti-CAL™ slowly to a dip or drench whilst agitating continuously for at least 5 minutes.
3. Replenish the solution daily or after the treatment of 100 tons of apples. If fruit is dirty, replenishment should take place sooner.
4. For best results treat fruit as soon as possible after harvest. However, the differential temperature between fruit and drench solution should be as small as possible to limit the risk of phytotoxicity and it might in some situations be necessary to allow fruit to cool before treatment. Ideally fruit and drench solution should both be at room temperature (20-24°C).
5. Immerse fruit completely in the Opti-CAL™ solution for 30 to 60 seconds. Under exposure could affect efficacy and over exposure could result in phytotoxicity. Remove and allow fruit to dry thoroughly before placing in cold storage.

Storage:

Store Opti-CAL™ in a cool dry place away from food and feed.

Opti-CAL™ is the registered trade mark of Pace International LLC, Seattle, Washington, USA

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