

# **APPLES**

## General Information

### GENERAL INFORMATION

APPLES: Bitter-pit in apples is a physiological disorder associated with low fruit calcium levels. Factors leading to calcium disorders include light crop loads, severe heat stress, and high tree vigor resulting from cultural practices such as severe pruning and excess nitrogen applications.

The application of 3 or more foliar sprays of MOR-CALCIUM during the growing season may help increase fruit calcium levels, reduce the occurrence of bitter pit, and improve fruit quality. Under conditions of severe calcium deficiency 5 or more applications may be necessary.

PEARS: Cork spot and alfalfa greening of pears is a physiological disorder associated with low fruit calcium levels. High tree vigor resulting from cultural practices such as severe pruning, excess ammonium nitrogen applications and light crop loads can result in low fruit calcium levels and an increase in cork spot and alfalfa greening fruit disorders. Foliar applications of MOR-CALCIUM applied during the growing season will help increase fruit calcium levels. Usually 3 to 4 applications are necessary starting 60 days prior to harvest and repeated in 2 week intervals.

### USAGE PRECAUTIONS

Keep a minimum of 10 days between applications of Calcium Chloride products. Do not spray trees under heat or moisture stress. On days with low humidity and with temperatures expected in the high 90°F's stop spraying at 80°F. On other days stop spraying at 85°F. Avoid over lapping spray applications which could result in excess deposits of calcium chloride to foliage and fruit and possible injury. Do not apply by air. MOR-CALCIUM is not compatible with some products such as Syllit, Cupric Hydroxide, Phosphorous Products, Basic Copper Sulfate and some Zinc products. Some nutrients and/or surfactants when used in combination with MOR-CALCIUM have increased fruit and/or foliage injury. Do not apply within 10 days of an oil, phosphorus fertilizer, copper sulfate or other heavy metal products.

Equipment Note: MOR-CALCIUM is corrosive to equipment, especially aluminum and brass. Be sure equipment is thoroughly rinsed after each use.

## Limitations, Restrictions, and Exceptions

### APPLES:

- Use 2 lbs., MOR-CALCIUM per 100 gals., of water and spray to run off observing all usage precautions. Reduce application rates proportionately on younger smaller volumed trees.

### Method

[Foliar spray](#)

### Rates

[field\\_rates 0](#)

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### Timings

[During the growing season.](#)