

INCREASE YOUR PROFITS THIS YEAR!!




Calcium-25[®]

Calcium Mineral Supplements
for
Apples & Fruit Trees



Applying Calcium-25 on apples and fruit trees can dramatically increase your yields and crop quality. When applied in solution to apples, citrus, and other fruit trees at an early stage, when fruit is 1/5 to 1/4 it's mature size, Calcium-25 can increase the size of the fruit from 18% to about 28%. When applied midseason, Calcium-25 has been found up to 99.55% effective in preventing diseases such as bitter pit in apples (University of California study). Application up to 2 weeks before harvest can markedly increase storage life. Also, Calcium-25 does much more! It increases the size of the whole tree, so you can get a better yield the next year!



Calcium-25 contains natural plant wax components that are present on the leaf surface, together with calcium in a carefully-balanced mixture. When this is applied to the leaves of plants in solution with water at the right dilution rate, the plant components are "seen" by the plant as being part of the leaf surface. As a result, the mixture is absorbed by the leaf with the calcium attached. This is then *translocated* throughout the plant rapidly, *unlike any product on the market!* The result? Better yields, better quality ... and MORE PROFIT!!



Calcium-25 is potent! Only 4 pounds makes 400 U.S. gallons of spray. This can cover 4 to 10 acres of fruit trees, depending on the size of the tree! Just use enough spray to keep the leaves wet for 10 minutes or so. It is *important* to remember that Calcium-25 is a concentration-dependent product. This means it must be diluted to the proper concentration so the leaf surface will absorb it as if it were a part of the plant!

OMRI[™]
Listed
Organic Materials Review Institute

Call!! 1-800-673-8502

Bio-Gard Agronomics, Inc., P.O. Box 4477, Falls Church, Va 22044



APPLES
BEST STAGE FOR SPRAYING

How to Increase Your Yields with **Calcium-25** for Apples and Fruit Trees

When using **Calcium-25** on apples and fruit trees, there are a few guidelines you need to follow:

1. Always dilute the product at the rate of **4 lbs.** per **400** gallons with water **ONLY**. Additives can interfere with the plant's ability to recognize **Calcium-25**. (For users in **Canada**, use **320 imp. gals.**)

2. Always spray at the correct stage of plant growth for the effect you want on trees. Spraying at the stage indicated in the picture above increases the size of fruit. Spraying mid-season can prevent calcium-related diseases, such as bitter pit in apples. This can also be done about every month for better control. Treatment at a late stage, up to 2 weeks before harvest, is useful to increase storage life of produce. On some trees, spraying during bloom has increased the number of fruit the tree will bear. All treatments increase the size of the *entire tree*, especially early ones, which aids in improving next year's yields!

3. Always observe the correct temperature range when using any **Calcium-25** product. This is very important, since **Calcium-25** can only be absorbed by the leaves when they are *growing*, regardless of the time of day crops are sprayed.

For the apples and fruit trees, the temperature for application must be at least 77 degrees. Spraying at a higher temperature, up to about 90 degrees, is even better. In northern climates, like Canada, the temperature may be slightly less.

4. Application rate is determined by how long the **Calcium-25** can keep the leaves of the plant wet. This can vary with temperature, humidity, wind, and other factors. For best results, always test to see if your sprayer is keeping the leaves wet for about 10 minutes. If not, either slow down, increase pressure, or make adjustments to have a higher spray volume. Dwarf trees can be covered by rates as low as 40 gals./acre, while larger trees require up to about 100 gals./acre. Also, spraying later in the day is better than early morning, since the temperature and humidity are higher, and wind is fairly calm.



**USE CALCIUM-25 ON ALL
FRUIT TREES - EVEN KIWIS!**

Calcium-25 for Apples & Fruit Trees

Pkg. Size: _____ Dilute to: _____ Coverage: _____

4 lbs.	400 U.S. gals.	4 to 10 acres
40 lbs.	4,000 U.S. gals.	40 to 100 acres

Bottom Line....

Increase your net profit!!!