

**INCREASE YOUR PROFITS THIS YEAR!!**

# Calcium-25®

Calcium Mineral Supplements  
for

**Vegetables and Ornamentals**  
(Also Grapes, Peanuts, and Cotton)



Applying Calcium-25 on these crops can dramatically increase your yields - up to 50% and more!! When applied in solution to crops at the proper stages of plant growth, Calcium-25 causes a rapid growth increase, which can actually be seen in just a few days! This results in yield increases, some of which are reported in Table 1 below.

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? A healthier, stronger plant at an early stage of plant development. This carries over to an increase in crop yield.

You get ... MORE PROFIT!!

Calcium-25 is potent! Only 4 lbs. makes 400 U.S. gallons of spray. It is important to remember that Calcium-25 is a concentration-dependent product. This means it must be diluted to the proper concentration with water so the leaf surface will absorb it as if it were a part of the plant!



**TABLE 1**

Increases in crop yields for various crops sprayed with Calcium-25.

Tomatoes & Beans . . . . .	25-50%
Sweet Corn & Peas . . . . .	20-50%
Cucumbers & Squash . . . . .	131%
Celery & Spinach . . . . .	20-30%
Melons & Cantaloupes . . . . .	40-50%
Radishes & Beets . . . . .	33-44%
Peppers . . . . .	30-55%
Cotton . . . . .	18.4%
Peanuts . . . . .	15.5%

Greenhouse, Nursery Plants . . .  
improve size and flower number,  
with more high-quality foliage

Grapes . . . more & larger grapes,  
and improved storage!!



**Call!! 1-800-673-8502**

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



## How to Increase Your Yields with **Calcium-25** Vegetables and Ornamentals

When using **Calcium-25** on vegetables and ornamentals, there are a few guidelines you need to follow:

1. Always dilute the product at the rate of 4 lbs. per 400 U.S. 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. These stages are shown in **Table 2** below. Spraying at the early stage increases the number or size of fruit, and is the only effective stage to spray most vegetable crops. Spraying crops, such as tomatoes, peppers, grapes, and leaf crops, is effective at different stages of growth all season, and using **Calcium-25** on table grapes up to 2 weeks before harvest is useful to increase shelf life of produce.

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 most vegetables and ornamentals, the temperature for application must be at least 77 degrees. Cool weather crops (lettuce, onions, etc.) can be sprayed at somewhat lower temperatures.

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. Also, spraying later in the day is better than early morning, since the temperature and humidity are higher, and wind is fairly calm. Bandspraying increases coverage up to 20 acres per 4 lbs. of **Calcium-25**.

**Bottom Line....**

***Increase your net profit!!!***

TABLE 2

Best stages for application of **Calcium-25** on various vegetables, ornamentals, and other crops

Crop	Stage for Application
Beans (all types)	2nd to 4th trifoliate
Beets, Broccoli, Carrots	
Cauliflower, Celery	4 to 8 pairs of leaves
Cucumbers	3 to 5 leaves, before budding
Grapes	before or at bloom (more bunches), mid-season (larger grapes), late season (storage)
Lettuce, Cabbage	4 to 8 pairs of leaves
Melons, Cantaloupes	3 to 5 leaves, before budding
Onions	2 to 4 wks. after transplanting
Peas	4 to 10 inches in height
Peppers	Approx. 6 inches in height*
Potatoes	4 to 8 inches, before buds
Radishes	4 to 8 pairs of leaves
Spinach	4 to 8 pairs of leaves, up to 2 weeks before harvest*
Squash	3 to 5 leaves, before budding
Sweet Corn	3 to 6 leaves
Tomatoes	2 weeks after transplanting*
Other Vegetables	4 to 8 pairs of leaves
Ornamentals	Anytime. For best results, use soil fertilizer 1 day after*
Cotton	6 to 10 leaves
Peanuts	Early bloom

\*Can be treated every 2 to 4 weeks

### Calcium-25 for Vegetables & Ornamentals

Pkg. Size:	Dilute to:	Coverage:
4 lbs.	400 U.S. gals.	10 to 20 acres
40 lbs.	4,000 U.S. gals.	100 to 200 acres



# Increase your tomato production with Calcium-25! Also, peppers, garden vegetables & grapes!

Did you know...

Calcium-25 is very effective when applied to **tomatoes** and other crops more than once a year?



**Tomatoes** can be treated every 2 to 4 weeks, **peppers** every month, and **grapes** 2 to 3 times a year! In the greenhouse, fertilizing with your regular soil treatment a day later makes both work better!! Ideal for **hydroponics** and produce growers!

Call and ask us how! These crops all need calcium, and there is **no** substitute for Calcium-25!



## More fruit, larger fruit, **MORE** profit!



And try our product for fruit trees!



without Calcium-25



One treatment with Calcium-25



2 to 4 Calcium-25 Applications



### Call!!

Bio-Gard Agronomics, Inc.

P.O. Box 4477

Falls Church, VA 22044

# 1-800-673-8502

Web: [Calcium25.com](http://Calcium25.com)



## Increasing your melon, cantaloupe, cucumber and squash yields with *Calcium-25*

### Pumpkins, too!!

Did you know that some of the best increases in crop yields using *Calcium-25* are with melons, cantaloupes, cucumbers and squash? ***Increases from 40 to over 130%!!!***

*Calcium-25* increases the yields of these crops not just by supplying necessary calcium, but by ***increasing nutrient uptake***. After all, an acre of any of these has *much* more calcium than is in *Calcium-25*!

***So what's the secret?*** Well, *Calcium-25* is a product containing calcium bound to certain naturally-occurring plant waxes present on the leaves of plants. Under the right conditions, the waxes are ***absorbed by the leaf with the calcium attached***. With extra calcium absorbed so rapidly by the plant with *Calcium-25*, ***in as little as 10 minutes***, the plant grows inside to keep its internal calcium concentration normal.

***The result?*** A stronger plant having up to 20-30% more dry weight, a measure of actual growth which can be verified by ***BRIX*** measurements, ***in a little as four days!!*** This can only be accounted for by ***increased nutrient uptake from the soil!!***

These crops can be treated in the field or in the greenhouse if they are to be transplanted. The rule-of-thumb is to spray before budding. Spraying later is also effective, especially for calcium deficiencies. If plants are set in the field, they should be well established, but this may take a few days or even two weeks after transplanting. Spraying at any stage is effective, but the earlier, the better. Always remember to ***dilute Calcium-25 to the right concentration with water ONLY, and spray at the recommended temperature!*** And keep the leaves wet for 10 minutes or more. Spraying later in the day is better than early morning. No additional fertilizer in the soil is necessary, and always spray *Calcium-25* ***by itself***. If you use another foliar product, use it a day or so ***later*** than *Calcium-25*. That way they ***both work better!!***



***And try our product for fruit trees!***

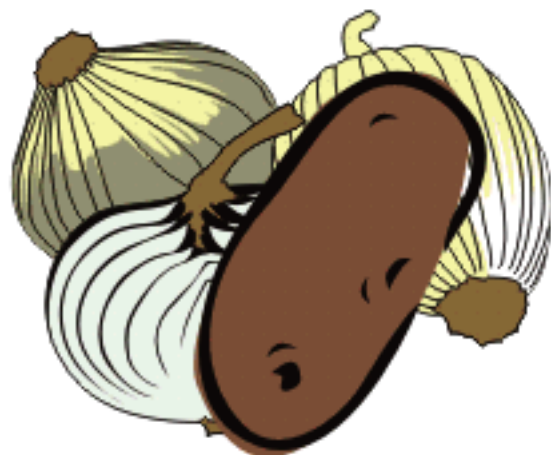
***Watermelons?  
Up to 10 per vine!!!***

Visit us! [www.Calcium25.com](http://www.Calcium25.com)



Bio-Gard Agronomics, Inc.  
P.O. Bop 4477  
Falls Church, VA 22044

**Call!! 1-800-673-8502**



This year, increase  
your **POTATO, ONION,**  
**SUGAR BEET,** and other  
root crop yields with

## **Calcium-25<sup>®</sup>** Calcium Mineral Supplement

How can *Calcium-25* increase my yields this year? And, how can it improve my **onion, potato,** and **root crop** yields up to **33% or more??**

*Calcium-25* is an organic calcium source that not only supplies needed calcium to your crops at an early stage of development, but also it is uniquely formulated with ingredients that are already present on the plant leaf surface. This causes calcium to be absorbed rapidly through the leaves, and to be effective translocated in the plant. **The result?? Rapid growth.** For onions, potatoes, and root crops, a faster harvest, or larger produce in the same amount of time -- **improve the quality of your produce!!**

And *Calcium-25* is surprisingly **affordable!** Only 4 lbs. of product makes 400 gallons, and can cover 10 to 20 acres. A cheap way to **increase your profits!!**

Call today! Or contact your local distributor for more information on how to **increase your profits** this year with *Calcium-25* or call us directly!!



**Call Now!! 1-800-673-8502**



*Potatoes - before budding!*



*Best Stage to Spray Onions  
4 to 6" or 2-4 weeks after  
setting in the field*

**also, beets, radishes, potatoes, and all other vegetables!!**

Radishes, beets, sugar beets, and similar crops: spray early, 4-8 pairs of leaves  
Potatoes: spray 4 to 8 inches in height, before budding is best.

*Spraying later improves storage!!*

**Bio-Gard Agronomics, Inc.** 2042 P.O. Box 4477, Falls Church, VA 22044