

***INCREASE YOUR PROFITS THIS YEAR!!***

**Calcium-25<sup>®</sup>**  
**Calcium Mineral Supplements**  
**for**  
**Wheat and Rice**



Applying Calcium-25 on wheat and rice can dramatically increase your wheat yields - up to 44%! When applied in solution to wheat and rice at an early stage of plant growth in the spring, Calcium-25 causes a rapid increase in plant growth, which makes the plant produce more side shoots, or tillers, which in turn produce more heads - and more grain!

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. More heads. More grain. And - helps prevent lodging! You get ... MORE PROFIT!!



Calcium-25 is potent! Only 4 pounds makes 250 U.S. gallons of spray for wheat and rice. 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!

But, if you learn all the basics (it's easy), then you can increase your net profits about 70% or more - for even less than the average cost of spraying. This is explained in more detail on the reverse side. Also, please refer to the "Questions and Answers" sheets in your information package to learn even more!!



***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** for Wheat & Rice

When using **Calcium-25** on wheat and rice, there are a few guidelines to follow:

1. Always dilute the product at the rate of 4-lbs. per 250 gallons with water ONLY. Additives can interfere with the plant's ability to recognize **Calcium-25**. (For users in **Canada**, use 200 imp. gallons.)

2. Spray at an early stage of plant development. For wheat and rice, this is best when the plant begins to tiller (rapidly produce side shoots) in early spring. This will, of course depend on the weather in your area. Also, wheat may be sprayed before dormancy in the fall to promote root growth over the winter, producing a larger plant in spring. Spraying **Calcium-25** in spring would then make tillers and stalks that are larger, and show an additive increase in crop yield.

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. The faster the rate of growth (or the higher the temperature), the more **Calcium-25** is absorbed in the small amount of time the droplets of solution remain on the leaves. The average ideal temperature for application is between 60 and 65 degrees for wheat, however, northern varieties grow rapidly enough at lower temperatures, and southern ones can be treated at higher temperatures. It is *always best to spray late in the day* when the temperature and humidity are higher. **Rice**, a warm weather crop, should be treated at a temperature of at least 80 degrees F.

4. Application rate is determined by how long a fine mist of **Calcium-25** can keep the leaves of the plant wet. The general rule for wheat and rice is to have sufficient coverage to allow about 5 to 10 minutes before the droplets dry. Again, spraying later in the day is always better, since solution remains on the leaves longer at the higher humidity, and the temperature "window" is more available. You should always test to see if leaves stay wet for the recommended amount of time and adjust your sprayer accordingly. Coverage can be up to 20 acres for a 4-lb. package, if conditions are right.

5. **Rice**, in field trials conducted by the Tokyo University of Agriculture, have shown that **Calcium-25** can increase yields 20%.

## Bottom Line....

**Increase your net profits over 70%!!!**

<b>Calcium-25 for Wheat &amp; Rice</b>		
Pkg. Size:	Dilute to:	Coverage:
4 lbs.	250 U.S. gals.	up to 20 acres
40 lbs.	2,500 U.S. gals.	up to 200 acres



## Save your wheat!

