

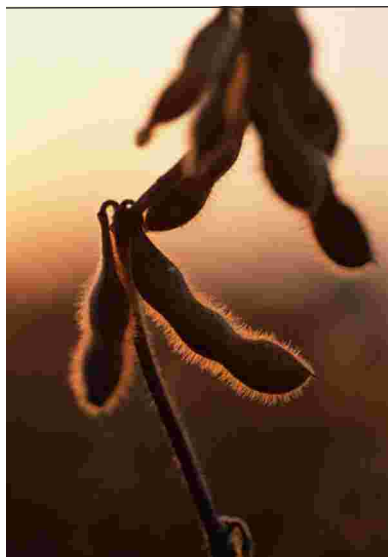


# Soybean Pelletized Lime Technology 2003

## Field Research Data and Analysis

# I Want Better Soybean Yields

A common statement made by soybean growers who over time have economically increased their corn yields but have yet to consistently increase their bean yields.



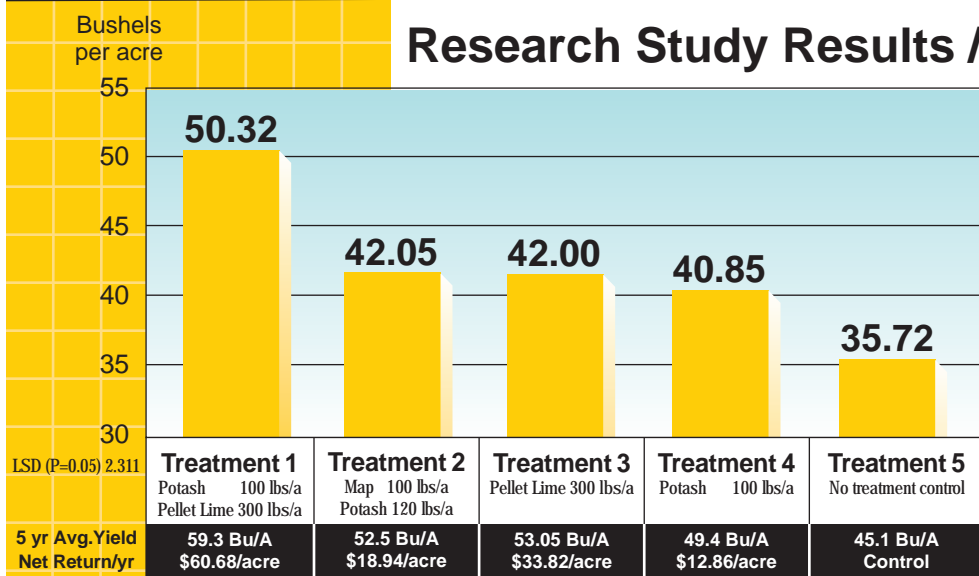
For the past ten years, the **Mineral Processing Companies** have investigated this by testing soybean response to a range of pelletized lime applications. In all ten years, the yield response from a simple treatment of potash and Pellet Lime paid for the treatment. In nine of ten years, the grower would have put an additional \$45/acre net profit in their own pockets at harvest time.

Our objective to provide conclusive research for sensible applications continues as we provide you with this year's data.

The following data represent this year's (2003) test results from two different locations. A continued study in year five with Arise Research and new contracted research near Catlin, Illinois.

Test Notes: Catlin, IL; CEC 10; OM 1.9; pH 6.5; P1 25 ppm; K 125 ppm; Martinsville, IL; CEC 10; OM 2.2; pH 6.4; P1 30 ppm; K 148 ppm

## Research Study Results / 2003 - Martinsville, Illinois



Given the poor soybean growing conditions experienced this past summer, the Pellet Lime and potash treatment still yielded considerably higher than the other treatments. Now in our fifth year with this study the average net return on investment with the addition of potash and Pellet Lime is \$60.68/acre per year above the untreated control on ground with a soil pH of 6.4 and higher. This continues to support the importance of the micro-ground particles in Pellet Lime that provide essential fast-acting calcium and carbonate for your crop and soil.

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The Research Data presented are results from:  
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Although the yields with the Catlin study are not as variable among treatments as the Martinsville trial, they still show a positive trend for the application of potash and Pellet Lime before soybeans. With today's soybean price, the yield increase paid for the treatment. But that is not the only benefit received. Our studies have shown us that soil pH levels will be effectively and economically maintained with the rate of Pellet Lime that was used for these trials.

