



## STOLLER ENTERPRISES, INC.

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### Potato Response To Stimulate

Leo Brostowitz has done multiple applications of Satisfy plus Nitro Plus 9 through the center pivot on potatoes. He has also conducted multiple applications of Satisfy during the period of side dressing. He has also applied multiple applications of Satisfy at the time of planting.

At this time, Leo reports and is actually sending pictures that show the Satisfy treatment fields, during the early growth stage, have plants that contain

- Higher numbers of tubers
- Shorter stolons
- Few stress runners
- Larger size tubers
- A lot more even sized tubers

The plants will normally have shorter internode length and shorter heights. The shortness in height does not interfere with sugar movement down to the tubers. It appears that height and row closure is not important for the sizing of tubers.

He reports a very important fact that has exhibited itself during his work. It appears that the application of Stimulate to the center pivot and the application in furrow at the time of planting is significantly better than the application of Satisfy, when side dressing. In order to achieve hormone balance in the plant, it appears that all root hairs must be subject to the hormone treatment. When side dressing, only part of the roots are exposed. Please keep this in mind when observing your fields that receive hormone therapy.

Another thing that Leo has observed many times, plants that were infected with both Rhizoctonia and scab were completely cured of this disease problem when Satisfy was applied with Nitro Plus through the center pivot. This is another indication that soil borne disease can be controlled when high levels of auxin are applied with calcium to the rooting area of plants.

We are now entering the season for early blight and then late blight to occur. If these diseases are significant in Leo's potato growing area, we will be able to determine if the application of Satisfy plus Nitro Plus will control these diseases as well as the soil borne diseases.

Leo is doing some very exciting and concentrated work on the hormone therapy for potato plants. He also has projects, which are using the same technique for both corn and soybeans. I will report to you the progress as it continues throughout the growing season.

Regards,

Jerry