

# J&J AGRI-PRODUCTS & SERVICES, INC.

220 South Second Street, Dillsburg, Pennsylvania 17019  
(717) 432-2461 • (717) 432-3068 • 1-800-233-0138

COMPILATION OF NITRO/MAX RANDOMIZED, REPLICATED  
TEST RESULTS CONDUCTED BY A CORPORATE FARM  
DATA SUBMITTED TO HANDY HILLS AGRI-PRODUCTS  
ST. JOHNSVILLE, NY

## GREEN BEANS

1. Five rows each test. Entire field was manured the previous fall. Wet, cold spring.

### a. NITRO/MAX Test

Application: One full rate of Nitro/Max applied to soil three weeks before planting inoculated seeds, and one-half rate of Nitro/Max applied when beans reached six inches tall. Cost \$17/acre.

Yield: 3,300 quarts. One day earlier maturity. Consistency of maturity. Beans had achieved full growth.

### b. Without NITRO/MAX

Application: 300# 15-15-15. Cost \$33/acre.

Yield: 2925 quarts. Inconsistent maturity. Leaves had growth rather than the beans.

### c. Control

Application: Manure only.

Yield: 1500 quarts.

Observations on beans - with Nitro/Max the beans had the growth while with chemical fertilizer the leaves had the growth. Greater yield, better taste.

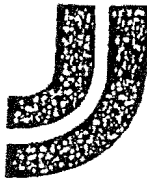
## SEEDED LETTUCE

### a. NITRO/MAX

Yield: Rock hard heads, fully developed

### b. Conventional 200#/acre 15-15-15

Yield: Heads not uniform, not as hard, many did not head up.



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Test D: 50 pounds of urea broadcast and one gallon Growers 10-20-10 sprayed every week.

Yield: 420 bushels per acre.

Test E: 800# 10-15-15.

Yield: 548 bushels per acre.

Observations: (1) "Nitro/Max only plot produced better yield than any others. By mistake it was planted where a utility road had existed the prior year. (2) Rate of emergence was 420 with Nitro/Max inoculated seed potatoes. 370 without Nitro/Max.

## SWEET CORN

### a. Nitro/Max

Application: Full folier rate with 90# urea side dressed.

Yield: 266 bushels husked corn per acre, excellent consistency of maturity.

### b. Conventional

Application: 200# 10-20-10 side dressed.

Yield: 227 bushels husked corn per acre, inconsistent maturity with more throw aways.

## ZUCCHINI

No numbers available. Have general observation that the yield was excellent, above conventional fertilization. At cultivation noticed the massive root development in five feet between Nitro/Max rows.



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Observation on lettuce - "Could feel the difference walking the soil and examining heads.

## TOMATOES

Three tests run, Nitro/Max, Chemical and another organic fertilizer. All three produced same fruit, all beautiful but cost of Nitro/Max application less than either of the other two.

## STRAWBERRIES

Entire field received 100 pounds of urea previous fall.

a. Nitro/Max applied to first year berries.

Application: Sprayed full rate when uncovered and one-half rate at blossom.

Yield: Eight quarts per 30 foot strip.

b. Without Nitro/Max - Veteran berries.

Yield: Three quarts per 30 foot strip.

## PEAS

a. Nitro/Max yield 84 bushel per acre.

b. With 15-15-15 yield 72 bushels per acre.

Matured to prime picking two days earlier.

## POTATOES

Five test plots of 1/4 acre each. Nitro/Max sprayed on ground of entire field before planting.

Test A: Seed inoculated with Nitro/Max and folier application

Yield: 580 bushels per acre.

Test B 50 pounds of urea broadcast and Nitro/Max folier application.

Yield: 542 bushels per acre.

Test C: 50 pounds of urea broadcast and one gallon Growers 10-20-10 sprayed every other week.

Yield: 428 bushels per acre.