

Backed by
RESEARCH
&
Proven to Enhance
**YIELD AND
QUALITY**

Dr. Lynette Morgan, PhD Hydroponic Vegetable Production, is one of the most respected experts in the field of hydroponics. As a proponent of foliar feeding, Dr. Morgan was fascinated by Spray-N-Grow and was pleased to begin scientific testing of Spray-N-Grow in hydroponics.

In 2000, Dr. Morgan and Simon Leonard M. Sc. of SUNTEC International Hydroponic Consultants began their first greenhouse trial using Spray-N-Grow on hydroponically grown greenhouse tomatoes. The results were exceptional and Dr. Morgan was eager to expand trials. As she analyzed her results from the first study, she commented, "It appears that Spray-N-Grow affects many plant processes, which in turn influence fruit yield and quality."

Dr. Morgan continued to conduct greenhouse trials using Spray-N-Grow on hydroponic butterhead lettuce, strawberries and snow peas. She recently concluded a second trial on tomatoes.

RESEARCH RESULTS

Strawberries

Increased yield up to 189%
Advanced flowering & fruit set by 2 weeks
Increased brix and dry weight
Increased ascorbic acid levels 16%

Snow Peas

Increased yield by 62.46%
Increased number of pods 43%
Advanced flowering by 4-5 days
Increased root mass 74%

Tomatoes

Increased yield by 19.9%
Advanced fruit set by 3-4 days (27%)
Increased brix (8%) & dry weight (57%)
Increased storage life 27%

Butterhead Lettuce

Increased marketable heads 30%
Increased yield by weight 121%
Increased average head weight 51.7%
Advanced establishment by 2.5 weeks
Increased root mass by 64.8%

DR. LYNETTE MORGAN, PhD COMMENTS

"Foliar fertilization with Spray-N-Grow micronutrient complex in hydroponically grown strawberry crops in a number of production systems has proven to not only greatly assist with initial plant establishment and development, but to also advance flowering and early yields as well as having a beneficial long term effect on total fruit yields and compositional quality."

"Foliar fertilization with Spray-N-Grow micronutrient complex can result in not only advanced flowering and greater flower and hence pod numbers, but also an increase in yields within the crop – an important consideration for any hydroponic producer."

"Foliar fertilization with Spray-N-Grow can result in not only improved fruit quality, but also yields within the same crop. It appears that Spray-N-Grow affects many plant processes, which in turn influence fruit yield and quality."

"Foliar fertilization with Spray-N-Grow can result in not only more rapid plant establishment and earlier growth with greater final head weight (yield) and improved shelf life."

Spray-N-Grow  Hydroponics

SPRAY-N-GROW

HYDROPONIC GROWING