

# Albion<sup>®</sup>

Advanced Nutrition

## Metalosate<sup>®</sup> Plant Nutrition Newsletter

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# Metalosate<sup>®</sup> Crop-Up<sup>®</sup> Applied to Blueberry Plants in the Nursery

by Jeremy O'Brien

### Introduction

Several months ago Albion Advanced Nutrition began working in Chile, marketing our Metalosate<sup>®</sup> products. As part of the process of establishing our materials into the agricultural market there, we have done many tests, demonstration plots, and experiments with a variety of crops ranging from grapes to artichokes.

This experiment was done on blueberry plants in a nursery that are grown from cuttings off of parent plants and then grown into plants to be planted into commercial fields. The nursery is located just south of Santiago. Prior to the addition of Metalosate Crop-Up<sup>®</sup> to their program, the process took seven months from cuttings to growing out a plant large enough to transplant into the field.

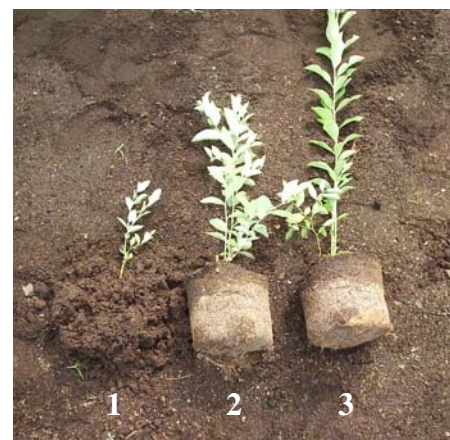
### Materials and Methods

The plants were grown in a greenhouse in plastic-bag type pots. There were three treatments in the experiment. Each treatment consisted of an entire row of

plants in the greenhouse. Each row was approximately 8 ft. (2.4 meters) wide and 120 feet (36.5 meters) long. Treatment 1 consisted of one application of Metalosate Crop-Up at 1% solution. That is 1 gallon Metalosate Crop-Up in 100 gallons water or 1 liter Metalosate Crop-Up in 100 liters of water. Treatment 2 received two applications seven days apart and Treatment 3 received three applications seven days apart. Photographs were taken of the plants three months following the first application.

### Results and Discussion

Figure 1 is a picture of one plant from each treatment. All of the plants are the same age at the time of the photograph. The only difference in the treatment of these plants is the amount of Metalosate Crop-Up they received. One can see a significant difference in the size of these plants, with the largest plant having received three applications of Metalosate Crop-Up.



*Figure 1. Blueberry Plants of the Same Age from Treatments 1, 2, and 3 (Left to Right).*

The grower was able to cut his production time from seven months to just three months. This represents a 57% reduction in production time, essentially allowing him to produce two crops in the time he used to take to produce one crop.

This represents a significant return on investment for this grower and is an excellent example of the benefit of using Metalosate products in crop production. ☺

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101 North Main Street Clearfield, Utah 84015 USA

Phone (801) 773-4631 • (800) 453-2406 • Fax (801) 773-4633 • www.albion-an.com • E-mail: info@albion-an.com

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