

Technical Data Report

Multicolor Ecological Agriculture Group Inc.

Results of Multicolor Crop on Production of Blueberries

Objective

To evaluate the effects of Multicolor Crop on production and quality of blueberries.

Materials and Methods

A field trial was conducted in a commercial blueberry (*Vaccinium corymbosum* cv. O'Neal) field in Chile. A 1-ha section of the field was selected for treatment with Multicolor Crop. A similar section was left untreated as the control. Multicolor Crop was applied at fruit set and 7 and 15 days later at 1.0 liter/ha. Multicolor Crop is manufactured by Multicolor Ecological Agriculture Group Inc. USA. Cultural practices, including fertilization, irrigation and pest management followed local practices and were the same for treated and untreated plots. At harvest, fruit samples were taken at the beginning and in the middle of harvest from the treated and control sections. 36 'clam shells' of approximately 150 grams each selected at random from each treatment, weighed and the number of berries counted to determine the average berry mass.

Results

Treatment with Multicolor Crop increased the average mass of blueberries. At the first sampling at the beginning of the harvest, Multicolor Crop increased fruit mass from 1.351 to 1.737 grams, an increase of 28.6% over the control (Figure 1). The second sampling, in the middle of the harvest, showed an increase of 31.3% increase over the control.

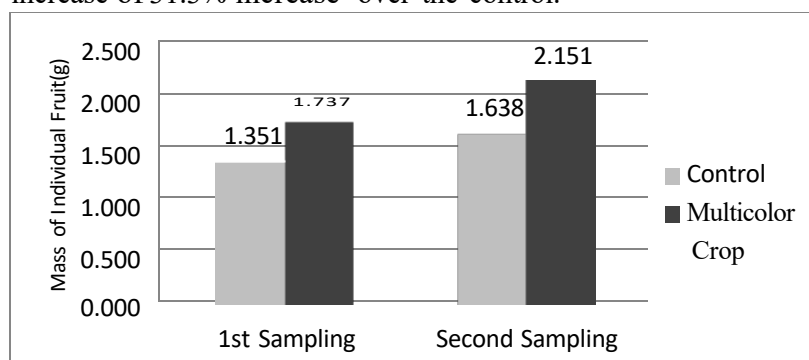


Figure 1. Effects of Multicolor Crop on fruit mass of O'Neal blueberries. Chile.

Conclusions

Treatment with Multicolor Crop increased the average fruit mass of O'Neal blueberries by an average of 30% over the control.