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Jan 17, 2020

Report on the effect of GroAloe on tomato productivity (2019-2020)

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During the fall-winter of 2019-2020, we conducted a second trial using GroAloe at the University of British Columbia, Okanagan campus to determine whether they would stimulate the growth of tomatoes in a greenhouse environment. The study was conducted from October 4 2019– January 9, 2020. Individual tomato seedlings were planted in one-gallon pots containing top-soil. There were two experimental treatments (i. water control; ii. GroAloe). Both treatments were added to the soil on a weekly basis. There were 20 pots per treatment. Figs 1-2 show the results after harvest of the plants. Tomato shoot (Fig. 1) and fruit (Fig. 2) biomass was significantly higher in the GroAloe treatment. GroAloe stimulated plant growth by 58% and fruit production by 51%. Note that all plants were fertilized with a moderate 20-20-20 fertilizer once every two weeks.

These results show that GroAloe is a plant growth stimulant under greenhouse conditions.

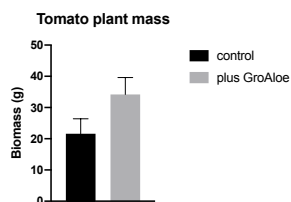


Figure 1.

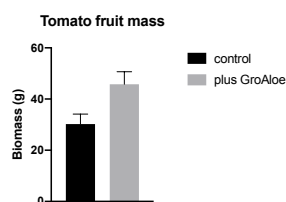


Figure 2.