STRAWBERRY FERTILITY RESEARCH SUMMARY

OBJECTIVE

This research assessed the efficacy of **TrueSolum®** for enhancing fertility of strawberries compared to grower's standard fertilizer program, both at full strength and at a reduced rate.

TRIAL DESCRIPTION

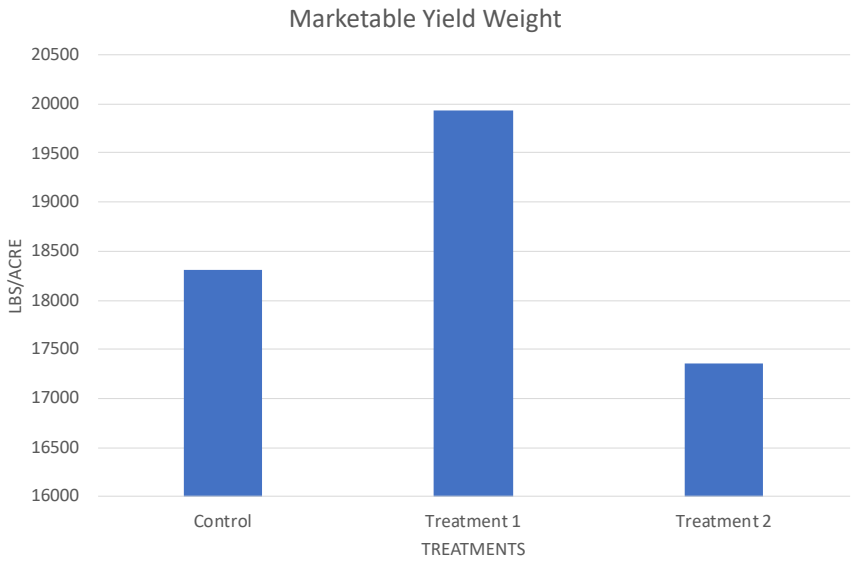
Florida Ag Research performed the test with two treatment protocols versus control.

- **Control:** Full strength grower's standard fertilizer program
- **Treatment 1:** Weekly applications of 0.25 grower's standard fertilizer program + 0.5 gal/acre **TrueSolum**
- **Treatment 2:** Weekly applications alternating between full strength grower's standard fertilizer program and 0.5 gal/acre **TrueSolum**

Application of the Control and two Treatments began 77 days after planting Sensation variety strawberries and continued once per week for 5 weeks, totaling 6 applications. Strawberries were harvested nine times throughout the period and marketable, unmarketable and weights of berries were recorded.

RESULTS

Marketable yields were higher with Treatment 1, **8.9%** increase in weight and **7.5%** increase in count, versus Control. Statistically, market yield weights were lowest for the plots with Treatment 2.



DISCUSSION

Interestingly, in this 6 week trial, initial marketable yields were higher on the Control plots, however as the season progressed, the marketable yields were higher where weekly **TrueSolum** applications were made. This indicates that full season application of **TrueSolum**, including pretreatment to expedite its initial impact, could result in even greater increases in marketable yield by season's end.

CONCLUSION

Applying **TrueSolum**, even with a 75% reduction in grower's standard fertilizer program, significantly improved marketable yields relative to a full fertility program. The possibility to reduce chemical fertilizers offers an opportunity for growers to improve their soil quality, while increasing yields and possibly reducing input costs.

Manufactured by GreenTech Ventures, Inc.
contact@truealgae.com
www.truealgae.com

REVISION DATE: 03/01/22