WASHINGTON STRAWBERRY TRIAL SUMMARY

OBJECTIVE

This field trial assessed the effects of **TrueSolum®** in early plant establishment when added to grower's standard treatment on the growth and health of Hood strawberry variety, when compared with grower's standard crop nutrition program.

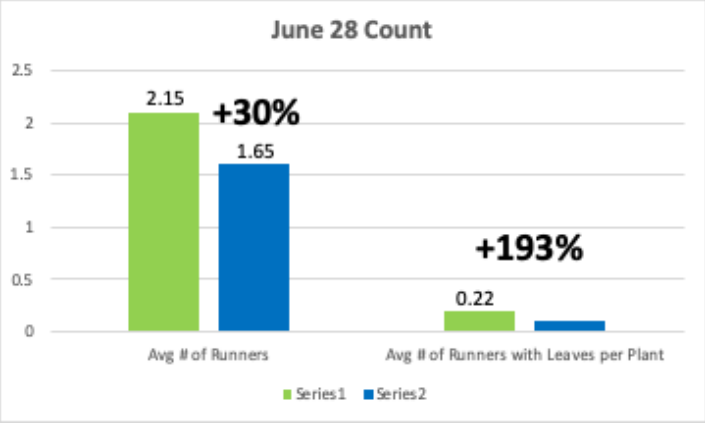
TRIAL SPECIFICS

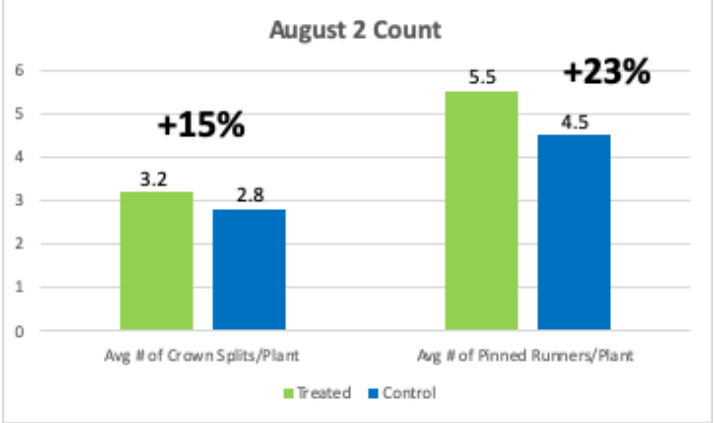
- **Location:** Burlington, WA
- **Planted:** May 11, 2020
- **Set-up:** 8 Reps of 25 feet each, treated and control
- **Observations:** June 28 and August 2, 2020
- **Initial Application:** May 15, 2020
- **Rate:** 1 gallon/acre
- **Dilution:** 1:250 (**TrueSolum**:Water)
- **Frequency:** Weekly, applied by hand

OBSERVATIONS

June 28 – Runner count, regardless of length and maturity, based on leaf count, for all reps in treatment and control groups were the focus for the early analysis. **TrueSolum** treated plants averaged 53.6 runners per plot versus 41.1 in the control plots, resulting in an **increase of 30%**. In addition, **TrueSolum** treated plants had more mature runners, with an average of 5.5 per plot versus 1.9 in the control plots. Both of these differences reach statistical significance. Other observations include longer and thicker runners, some secondary runner formation and darker green leaves in the treated plots.

August 2 – In this final analysis, runners were too numerous to count, therefore the focus shifted to crown splits and rooting of runners. **TrueSolum** treated plots had an average of 63.6 crown splits per plot versus 55.3 in the control plots, a **15% increase** with treatment. For pinned runners, a **23% increase** was seen with the treated group averaging 110 per plot versus 89.6 for control. Both increases reach statistical significance. Also, again, leaves appear darker green and thicker with noticeably more total runners.





CONCLUSION

The **TrueSolum** treated plants resulted in a **30% increase** in runners and a **193% increase** in mature runners versus control during a mid-point assessment. The final assessment showed **15% more** crown splits and **23% increase** in pinned runners in the treated plots versus control. All increases reached statistical significance. These results show the value of using **TrueSolum** in nursery applications to increase sellable plant production.

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