

TRIAL REPORT SUMMARY

TOMATOES UNDER DROUGHT CONDITIONS



TRIAL

Trial conducted by Independent Trial Researcher in Lodi, CA in a commercial tomato field. 7 replications per trial. Bobcat variety processing tomatoes.



Soil application of Seasol at three timings as outlined in the table below.



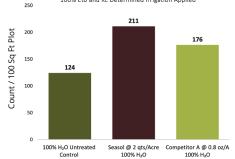
CONCLUSION

Seasol increases fruit count and yield when applied without water stress. Seasol increases fruit count and yield when applied in drought conditions of 40% less water or 60% of Irrigation prescribed by Eto and Kc.

TOMATO Count Data

100% Applied Irrigation

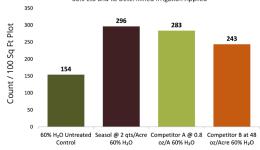
Tomato Count
Count of Fruit for Harvest 1 & 2 Combined
100% Eto and Kc Determined Irrigation Applied



60% Applied Irrigation

Tomato Count

Count of Fruit for Harvest 1 & 2 Combined 60% Eto and Kc Determined Irrigation Applied

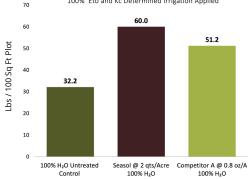


TOMATO Yield Data

100% Applied Irrigation

Tomato Yield

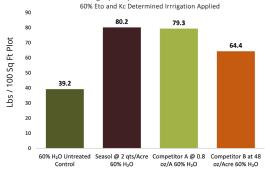
Weight (in Lbs) for Harvest 1 & 2 Combined 100% Eto and Kc Determined Irrigation Applied



60% Applied Irrigation

Tomato Yield

Weight (in Lbs) for Harvest 1 & 2 Combined

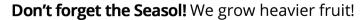


*EarthSol does NOT promote decreasing irrigation, charts simply show stress mitigation.

Application Protocol

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Plant Phenology	Method	Rate
At Transplant	Fertigate	2 qts / acre
10 Days after Transplant	Fertigate	2 qts / acre
At First Bloom	Fertigate	2 gts / acre







EarthSol

