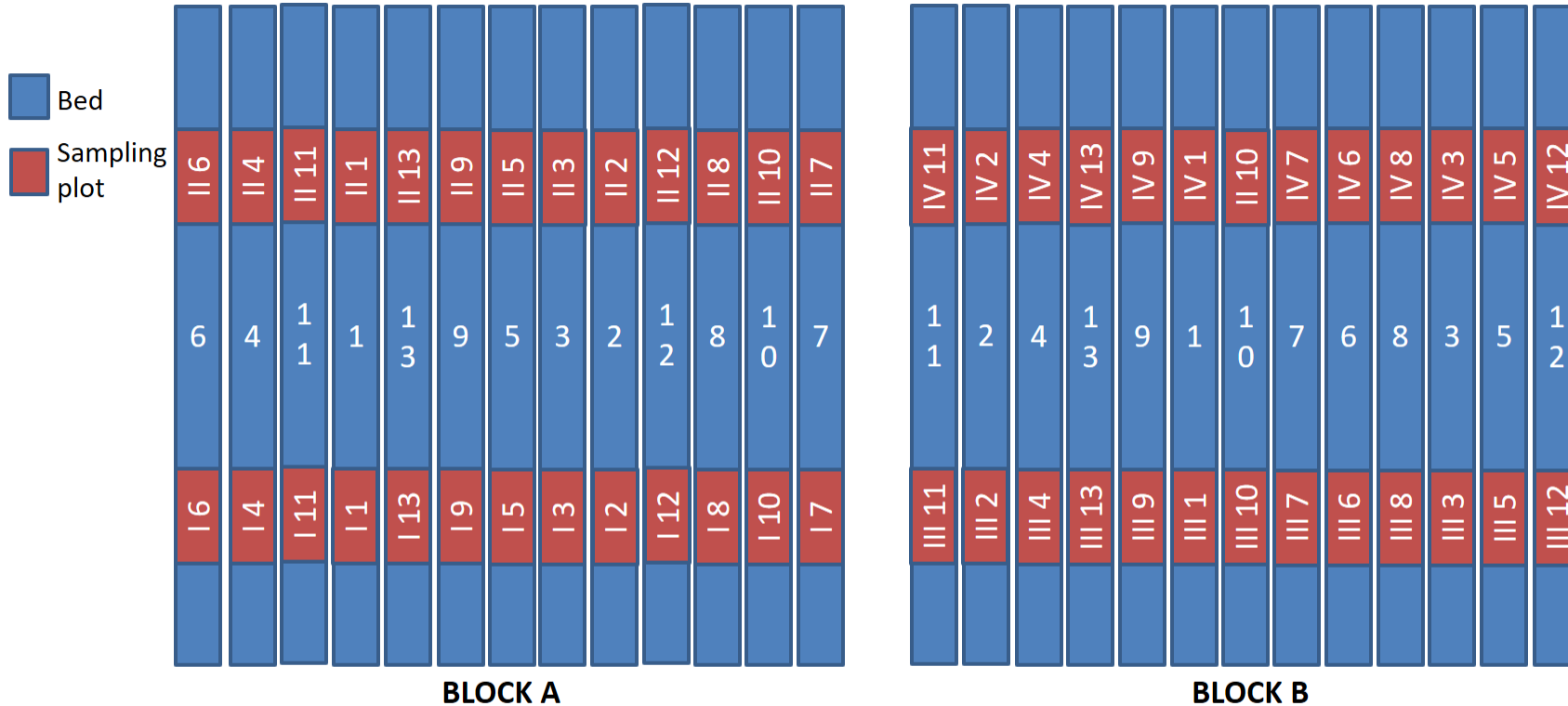


2018 Annual Santa Maria Strawberry Field Day

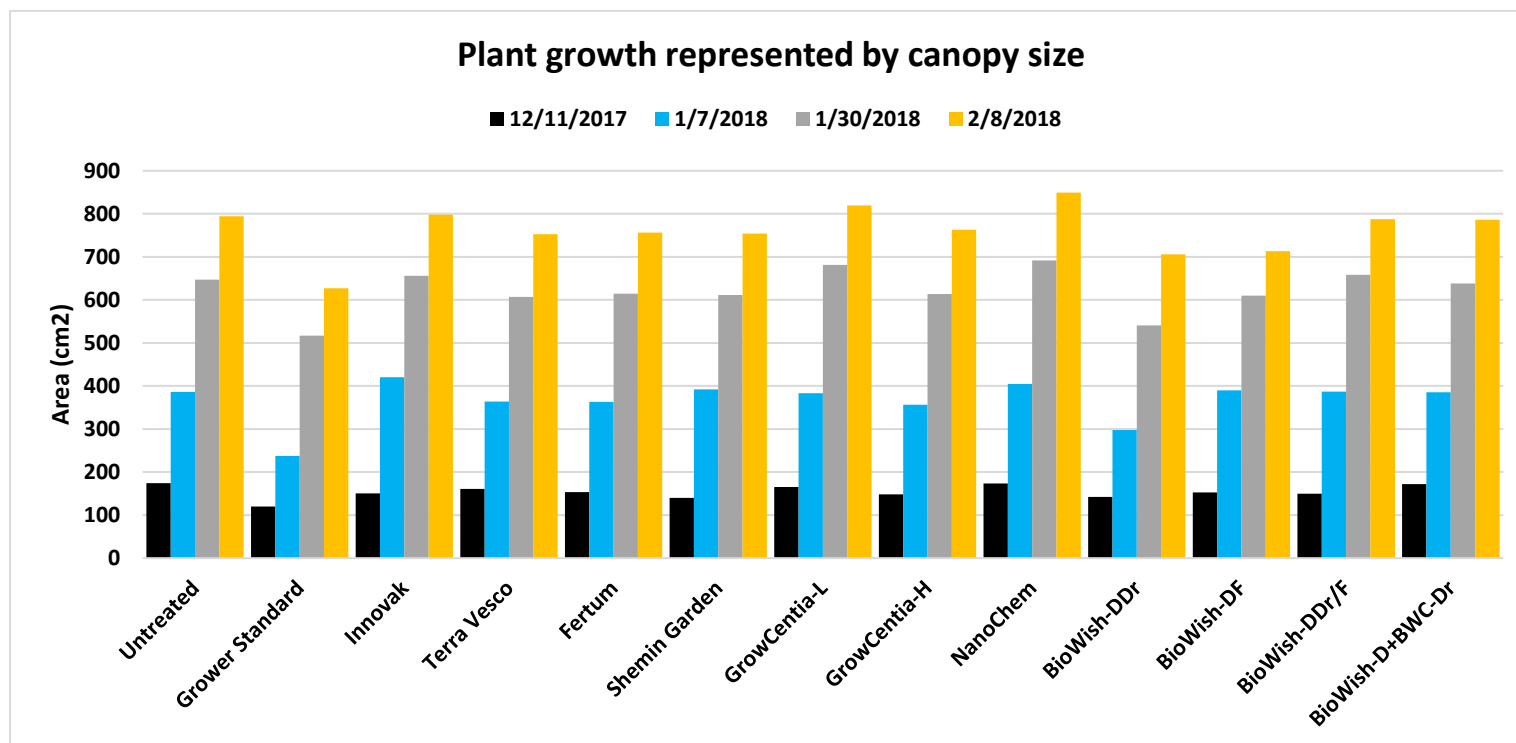
2017-2018 Strawberry Fertility and Health Management Study – Manzanita Berry Farms

This study evaluates the impact of a variety of nutrient, mineral, beneficial microbes, and biostimulant materials on improving strawberry growth, yield and health.

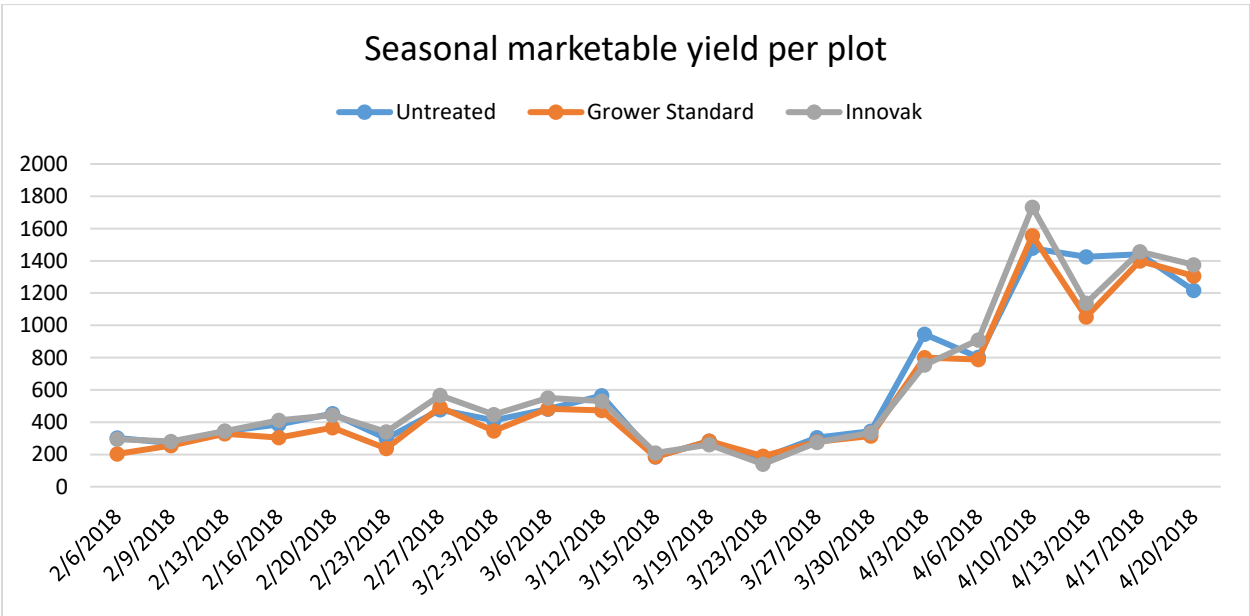
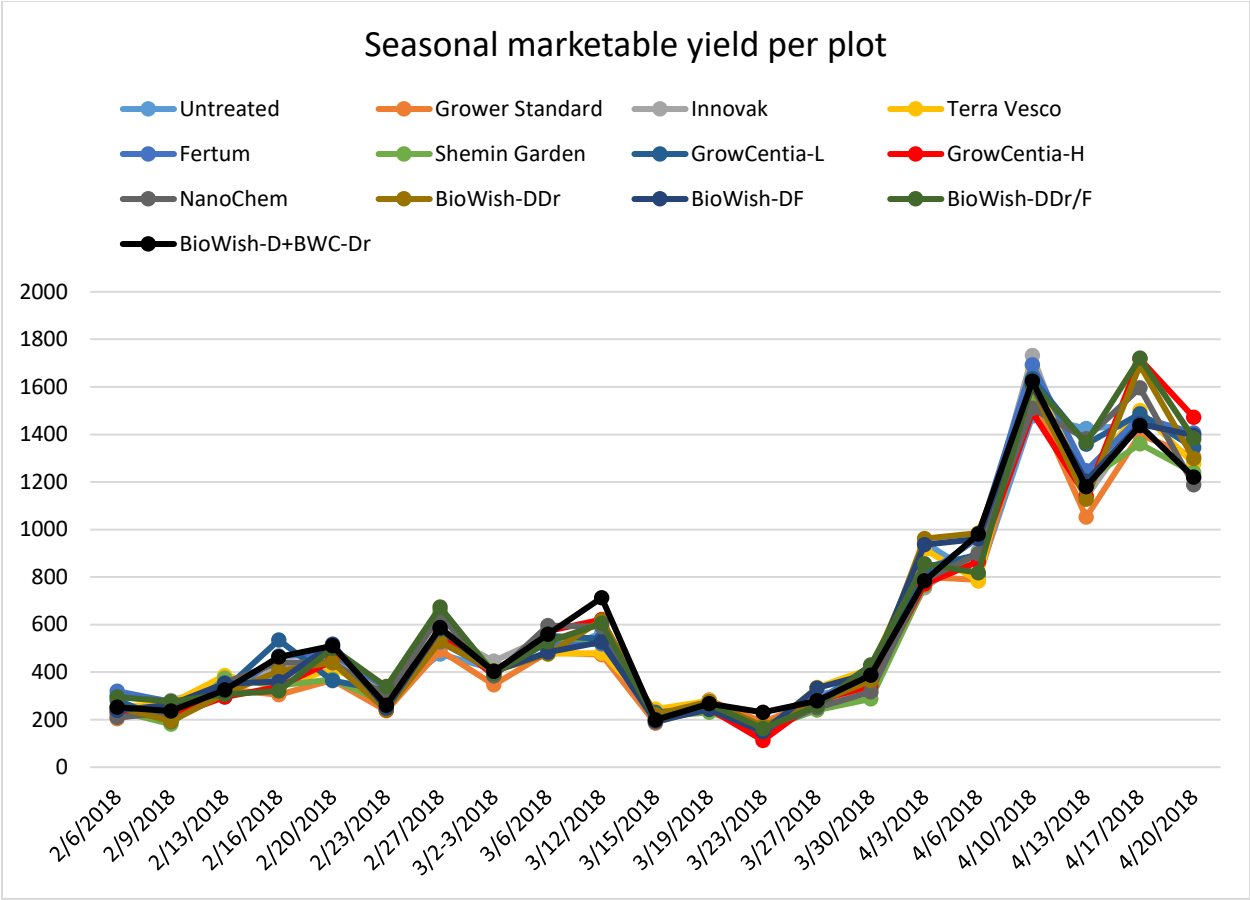


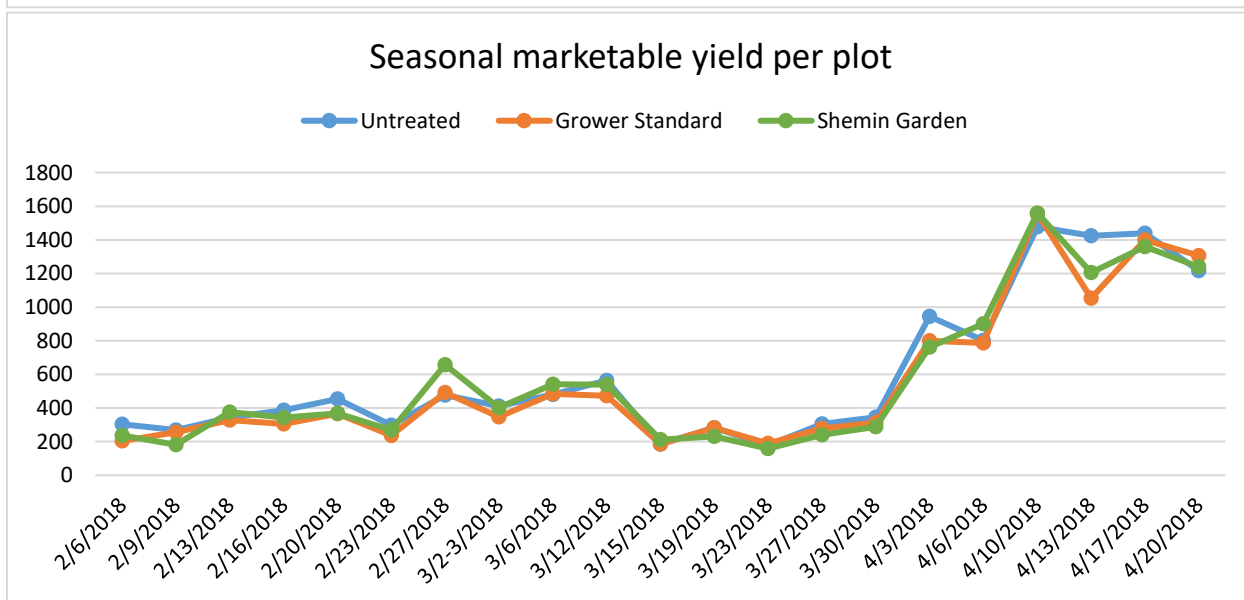
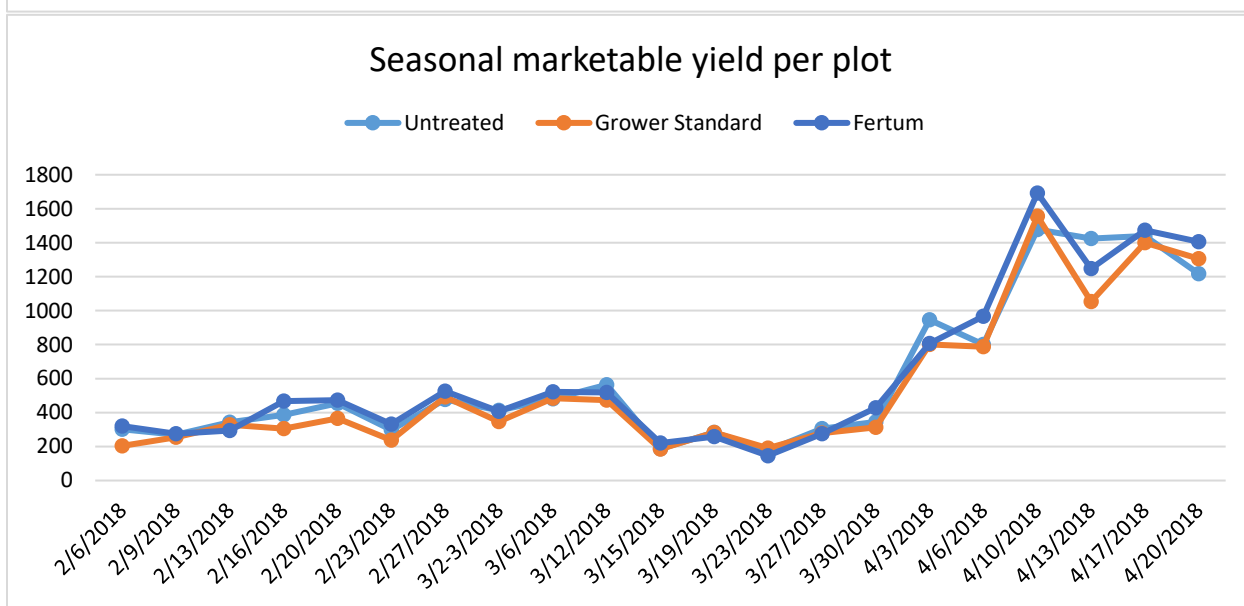
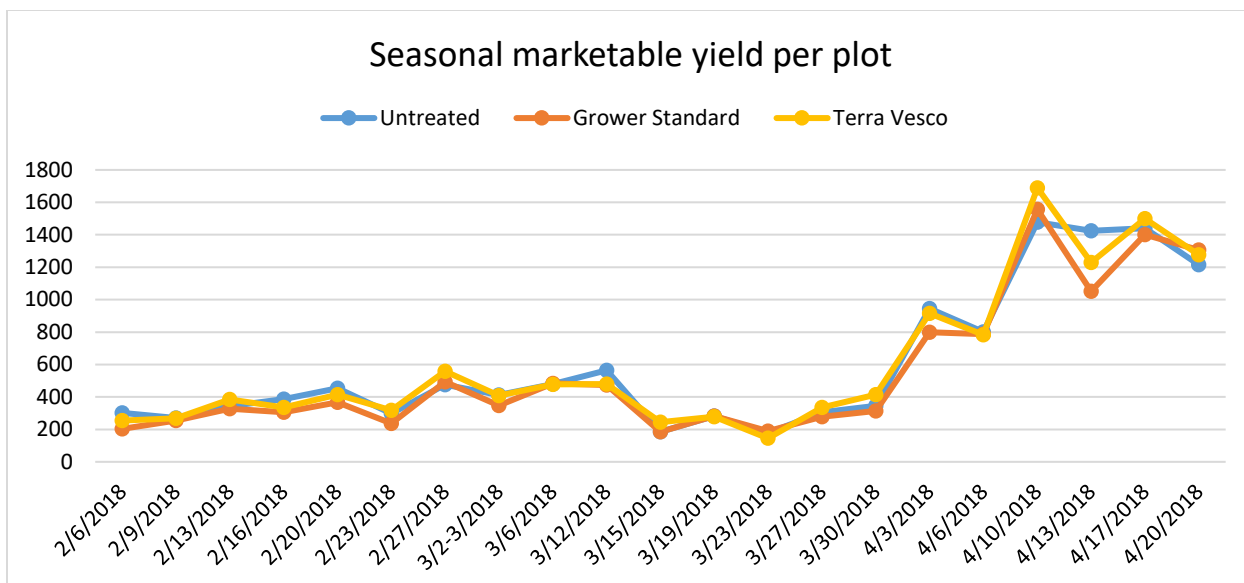
- 1 Untreated control
- 2 GS-Healthy Soil with transplant dip in Switch 63 WG 5 oz
- 3 Innovak-Nutrisorb-L (Drip) + Packhard (Foliar) different intervals
- 4 Terra Vesco after planting, Dec, Jan, and February
- 5 Fertum-Germinal Plus, Booster, Silicium PK, Foliar different intervals
- 6 Shemin Garden-EcoSil, ComCat, EcoFLora different intervals

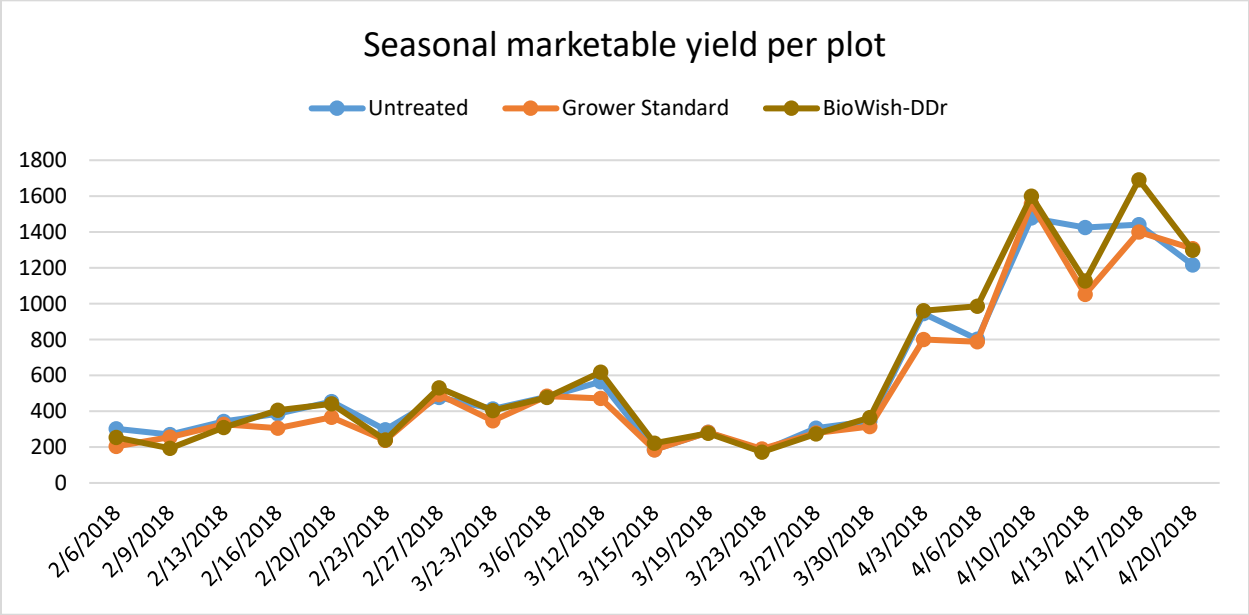
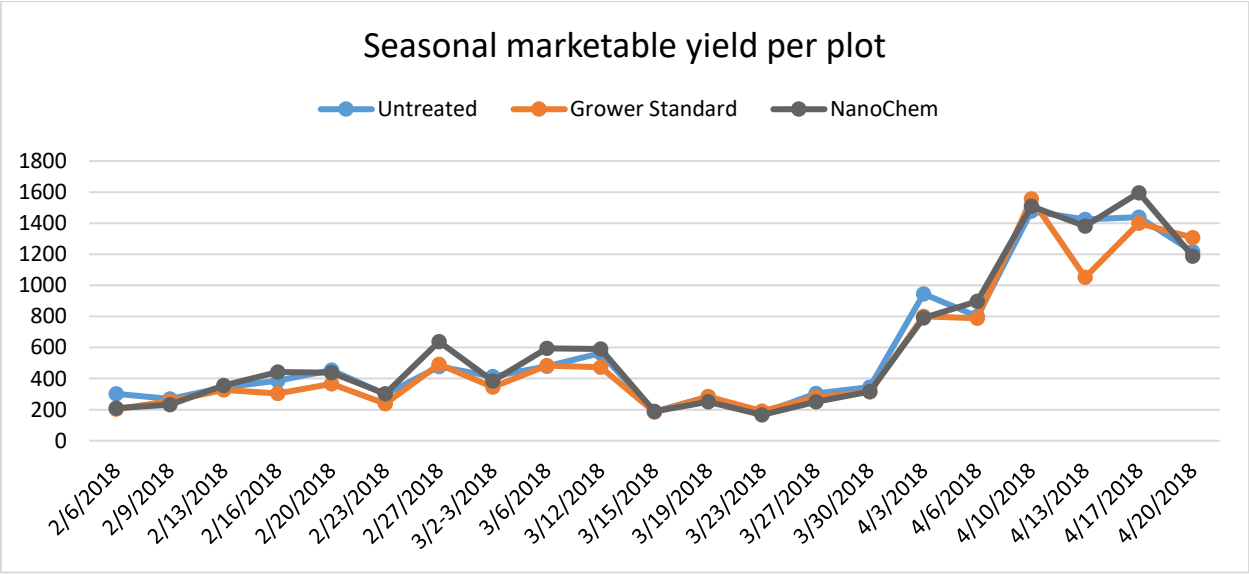
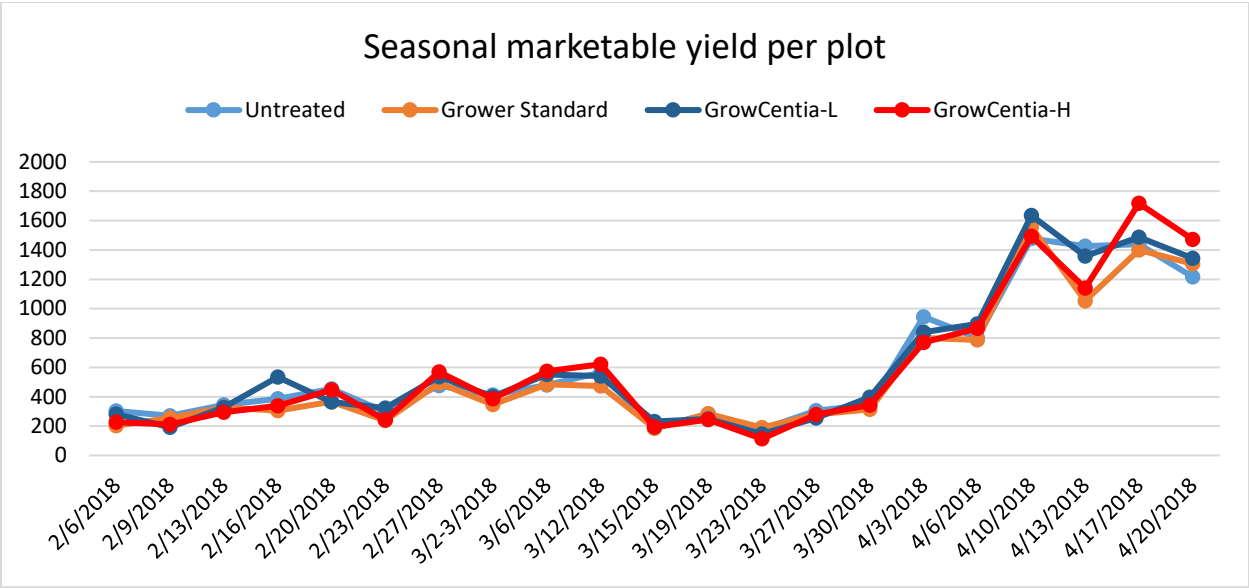
- 7 GrowCentia-Yeti low rate weekly
- 8 GrowCentia-Yeti high rate weekly
- 9 Nanochem-EX10 after planting, early Jan and mid February
- 10 BiOWiSH -Moj1 transplant dip and drip every 4-5 weeks
- 11 BiOWiSH -Moj1 transplant dip and foliar every 4-5 weeks
- 12 BiOWiSH -Moj1 transplant dip and drip+foliar every 4-5 weeks
- 13 BiOWiSH Moj1 transplant dip and BiOWiSH Crop 16-40-0 drip every 4-5 weeks (start 2 wk after planting)

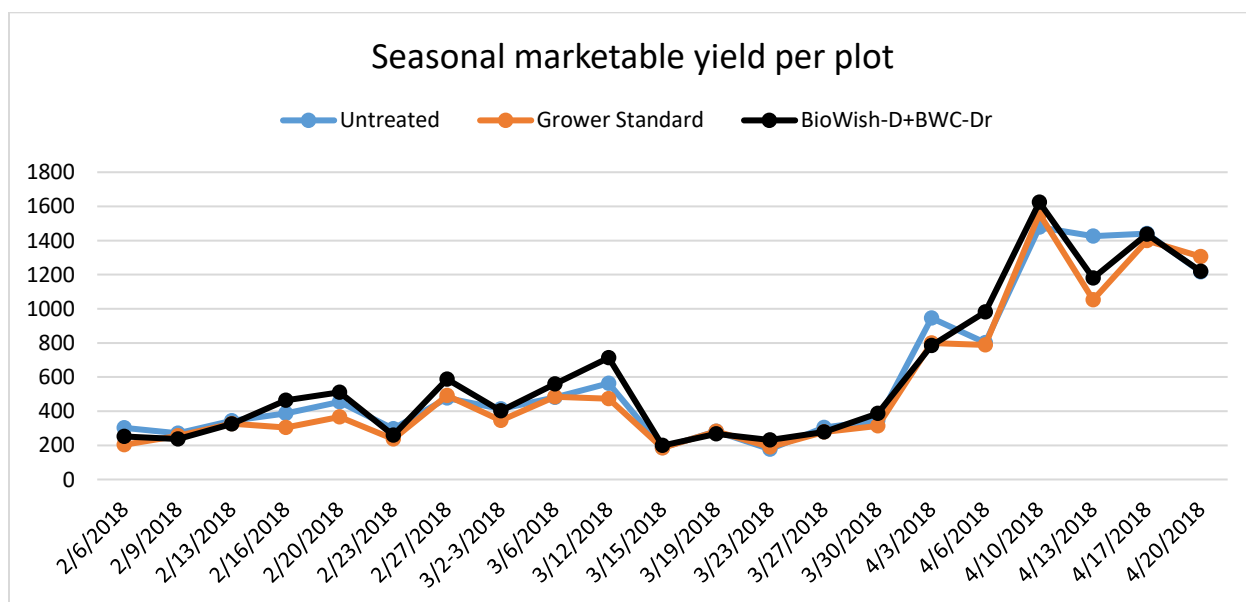
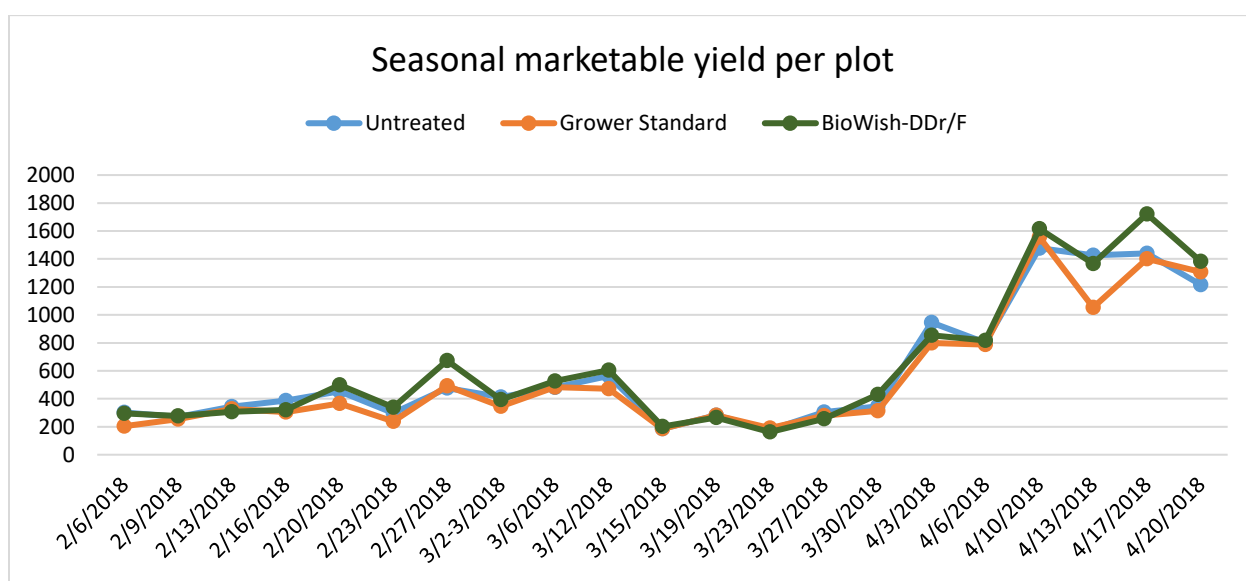
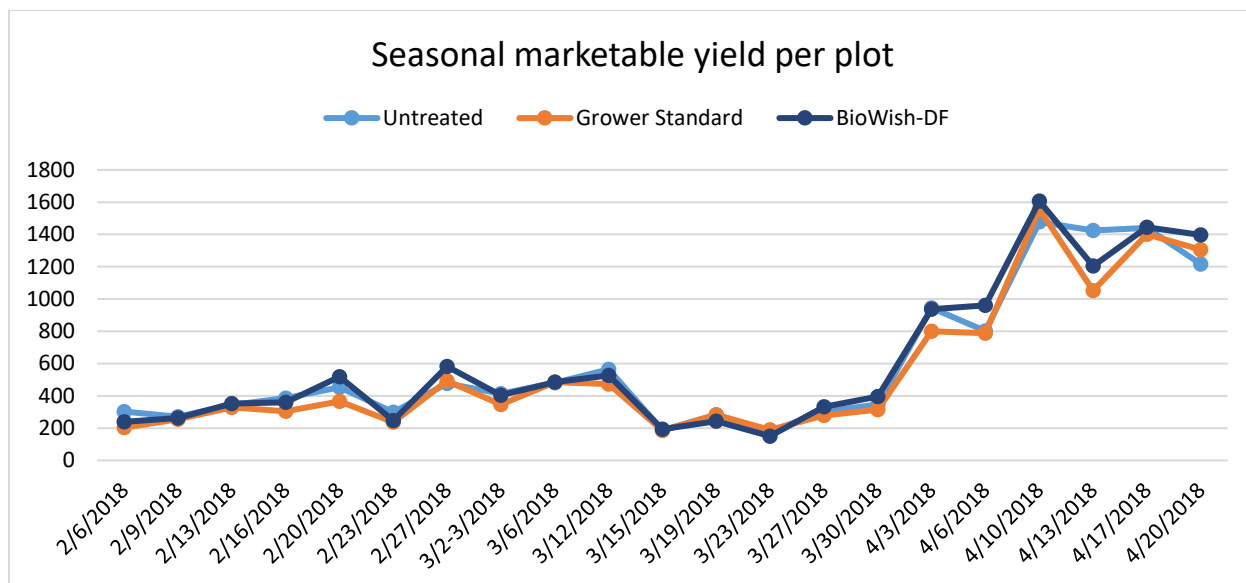


Seasonal marketable yield (grams) from February 6 to April 20 per plant compared among different treatments.

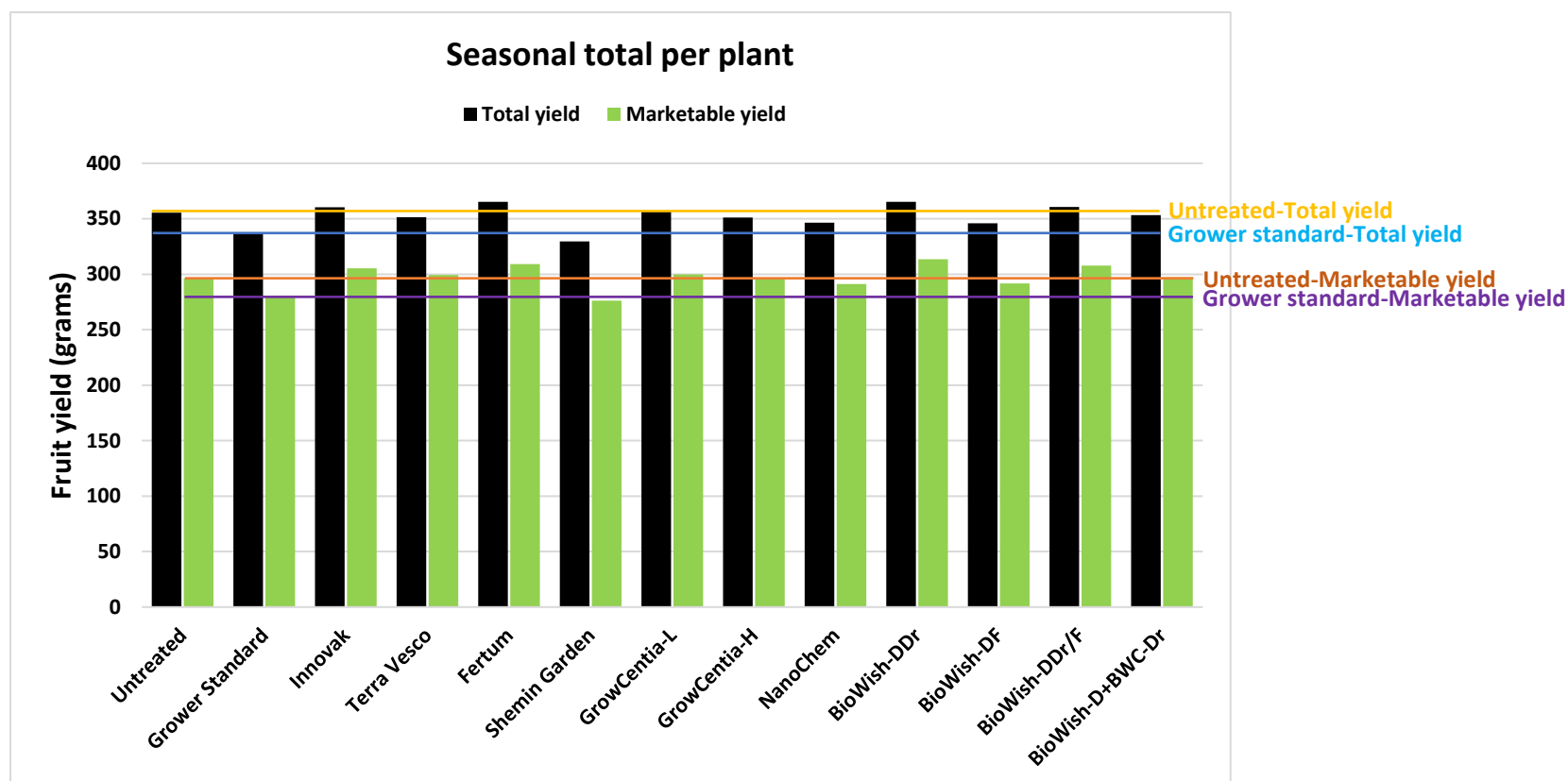




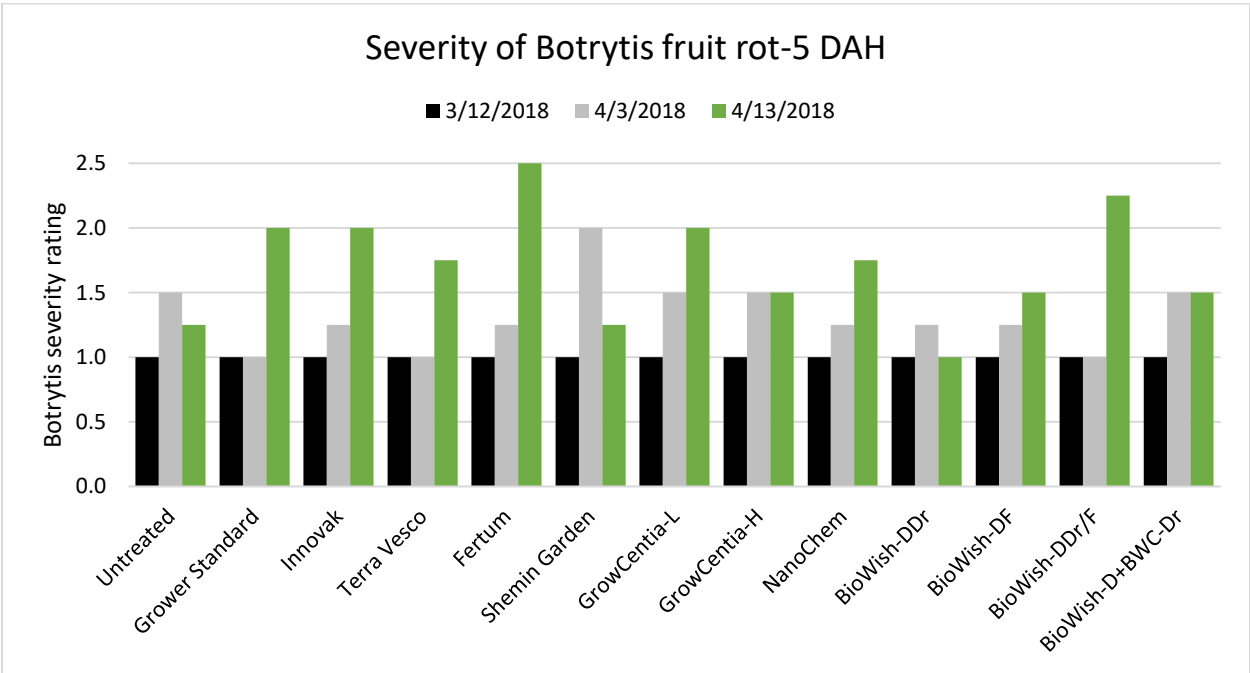
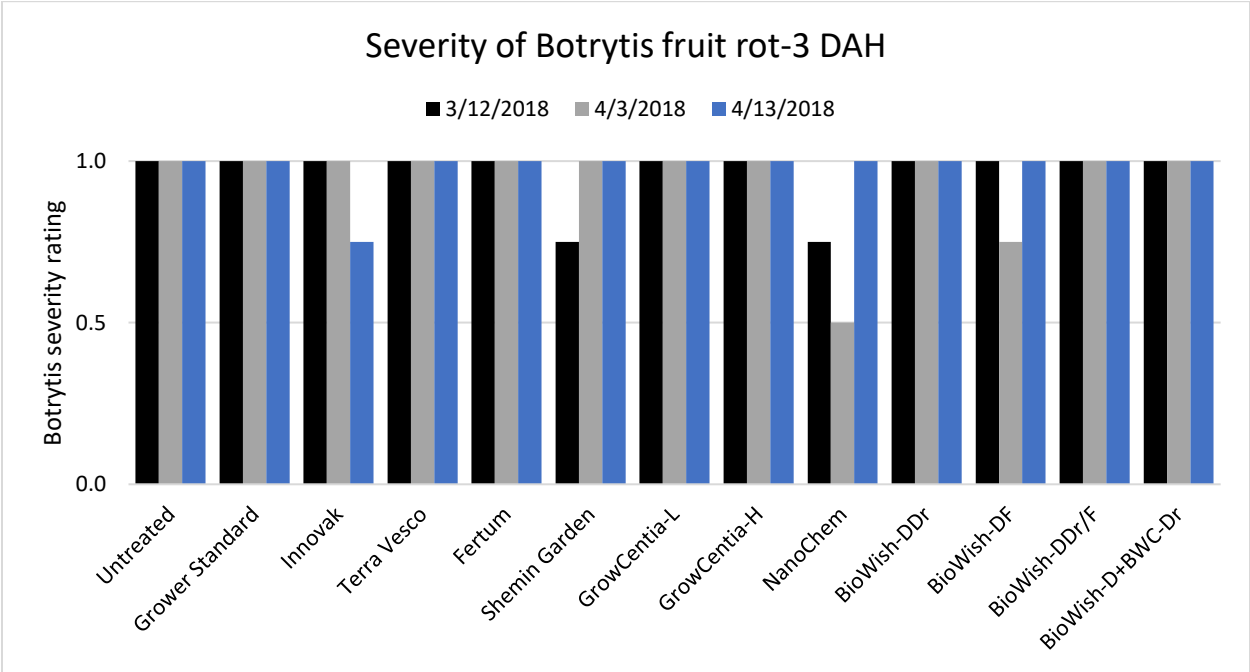




Total and marketable yield data from 6 February to 20 April were collected from netted plots within each treatment and divided by the number of plants to obtain per plant data.



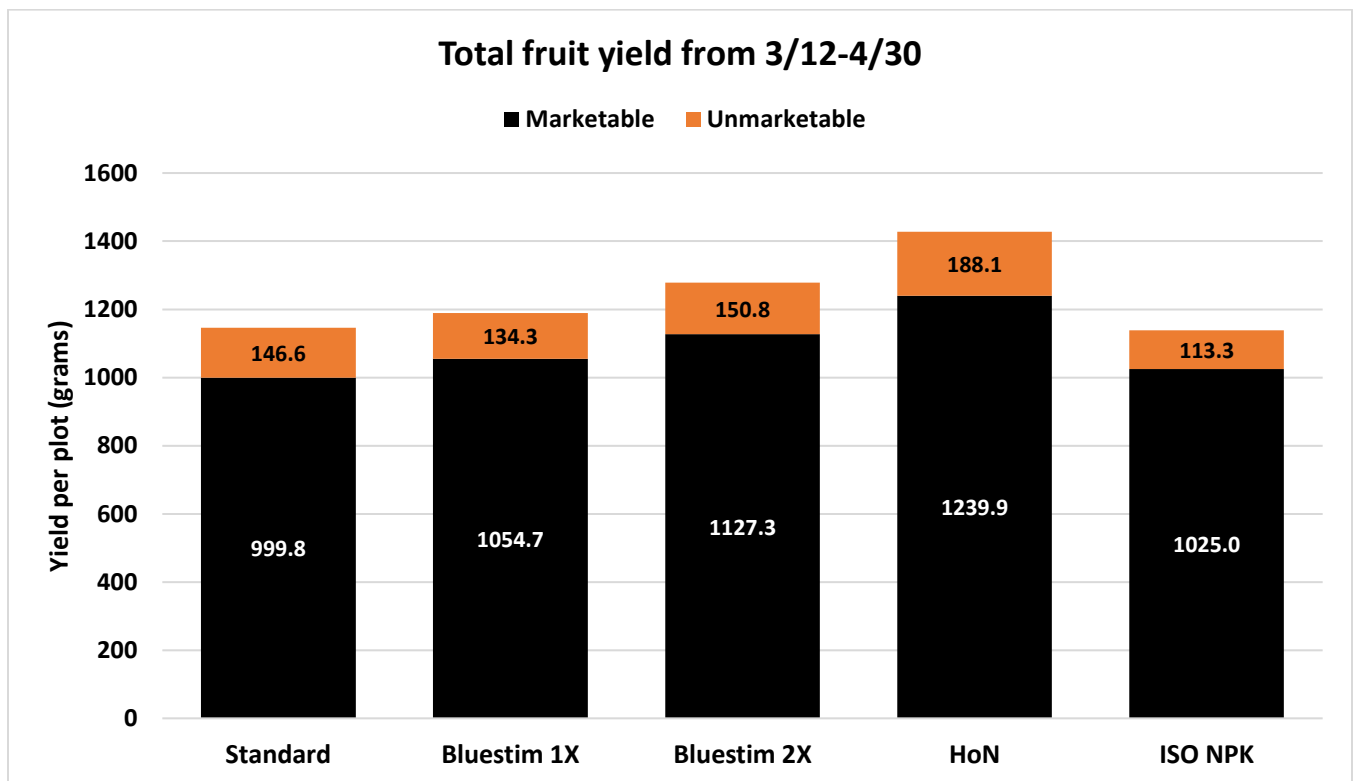
Severity of Botrytis fruit rot evaluated on a scale of 0 to 4, where 0 = no infection, 1 = 1-25%, 2 = 26-50%, 3 = 51-75%, and 4 = 76-100% infection. Fruit was harvested on the dates indicated in the graphs and maintained at room temperature. Severity of the fungal growth was rated 3 and 5 days after harvest (DAH)

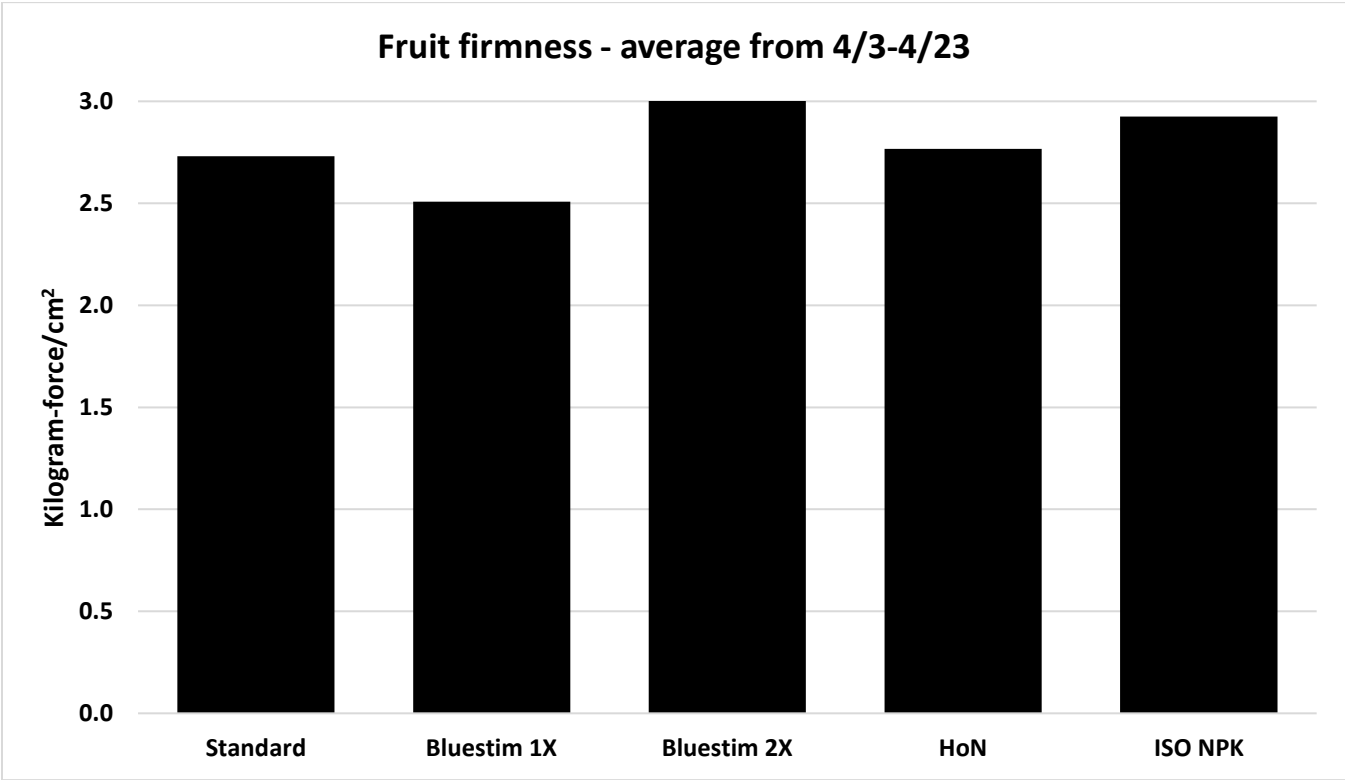
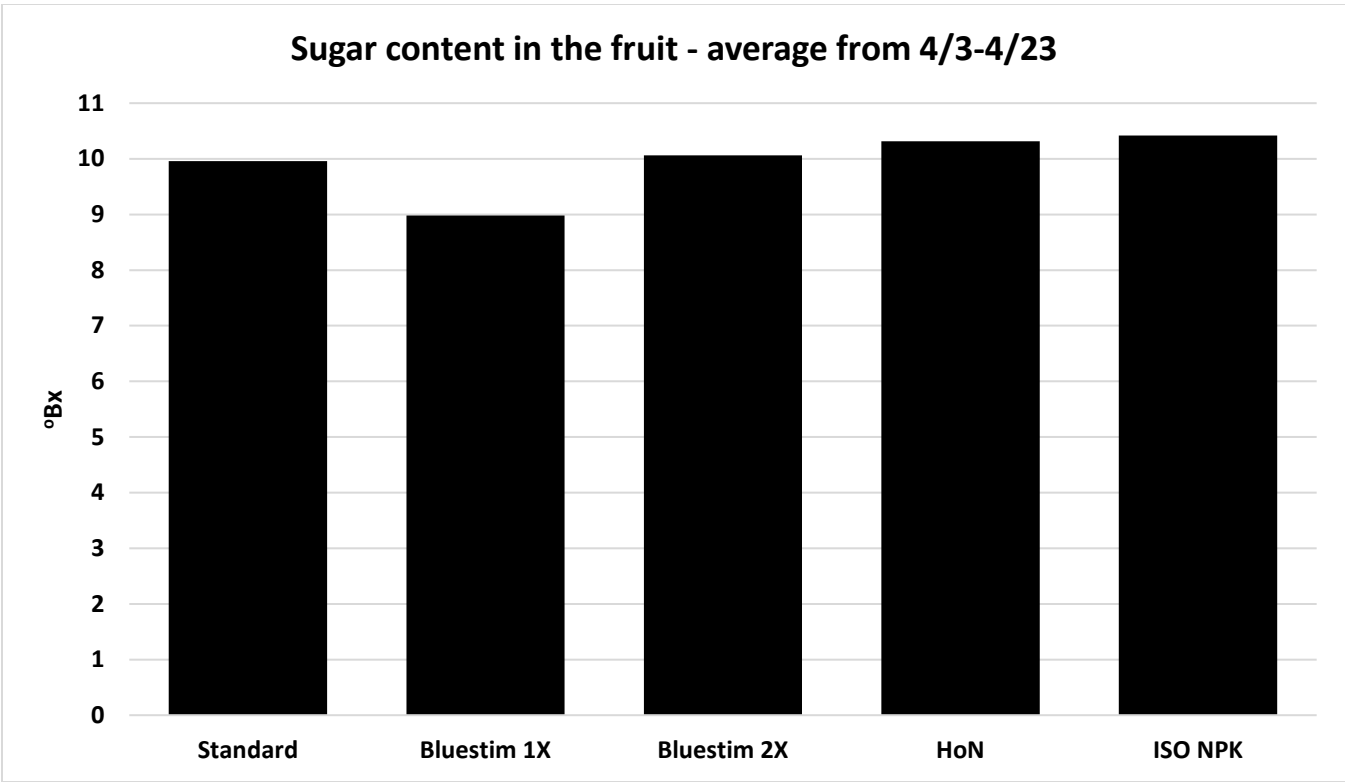


2018 Strawberry Fertility and Health Management Study

Strawberry was transplanted in mid December, 2017 and the following treatments were initiated on March 1, 2018.

Treatment		Rate/acre	Frequency
1	Standard		
2	BEET EXTRACT 1X + Dyne Amic 0.125%v/v	810 g in 200 L	Every 3 weeks
3	BEET EXTRACT 2X + Dyne Amic 0.125%v/v	1620 g in 200 L	Every 3 weeks
4	Heart of Nature – SK Microsource Ultrafine Powder	40 g in 4 gallons	Once a month
	SK Microsource Plus Humates Prill	500 lb	Only once in March
5	ISO NPK	8 oz in 100 gallons	Thrice at biweekly interval

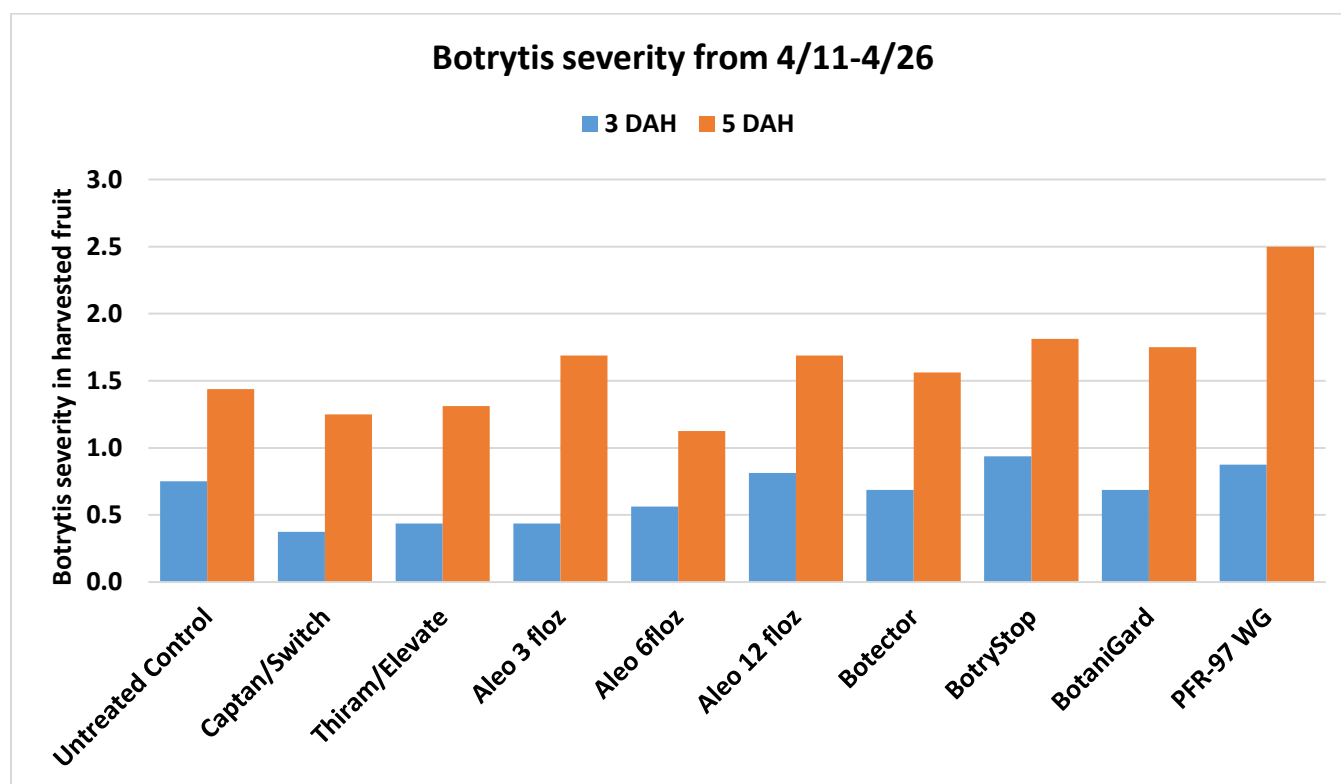




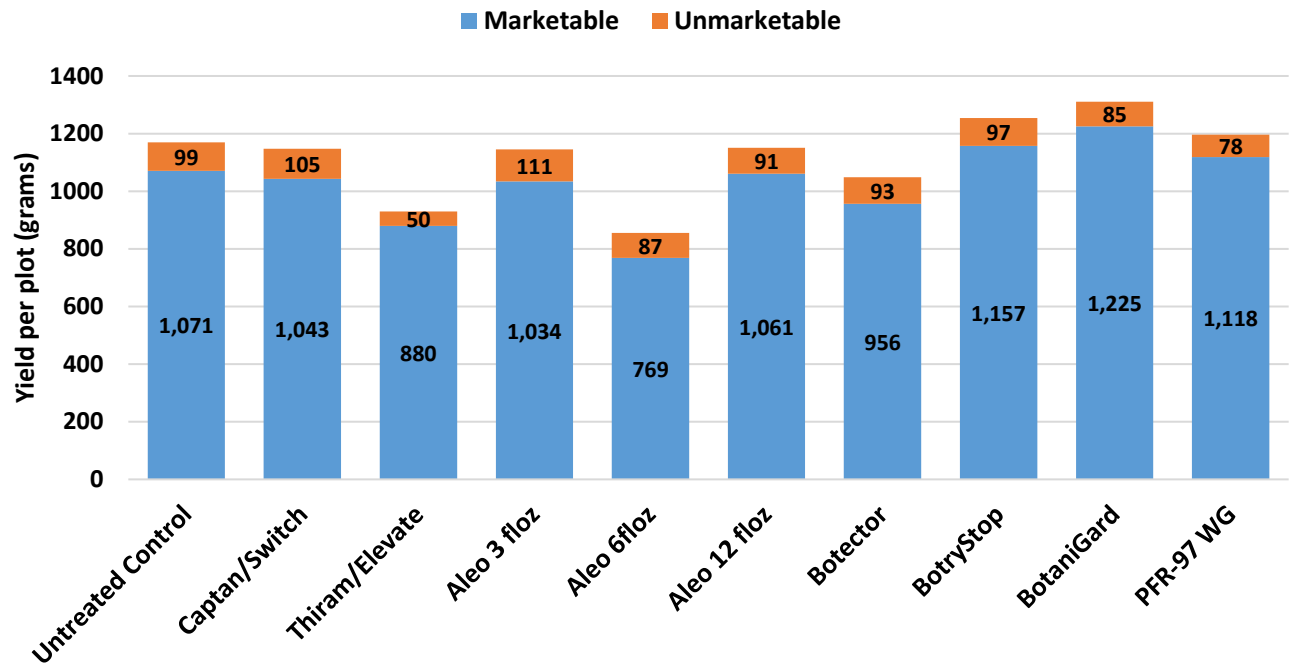
2018 Strawberry Botrytis Fruit Rot Management Study

Treatments were applied at weekly intervals starting from April 5, 2018.

Treatment		Rate/ac
1	Untreated	
2	Captan alternated with Switch	2 quarts/14 oz
	Dyne Amic	0.125%v/v
3	Thiram alternated with Elevate	2.6 quarts/1.5 lb
	Dyne Amic	0.125%v/v
4	Aleo	3 fl oz
	719 Spreader	1 pint/100gal
5	Aleo	6 fl oz
	719 Spreader	1 pint/100gal
6	Aleo	12 fl oz
	719 Spreader	1 pint/100gal
7	Botector	10 oz
	Dyne amic	0.125%v/v
8	BotryStop	4 lbs
	Dyne Amic	0.125%v/v
9	BotaniGard ES (Adjuvant not required)	2qrts in 100gpa
10	PFR-97 WG	2lb in 100gpa
	Dyne Amic	0.125%v/v



Total fruit yield from 4/11-4/26



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eJournals: <http://ucanr.edu/strawberries-vegetables> and <http://ucanr.edu/pestnews>

Meeting presentations: <http://ucanr.edu/meetingpresentations>

Meeting handouts: <http://ucanr.edu/meetinghandouts>

Illustrated strawberry production manuals: <http://ucanr.edu/strawberrymanual> in English and Spanish

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