



Advancing Vegetable Production in NNY 2017 APPENDIX 1: Red Pepper Trial Tables

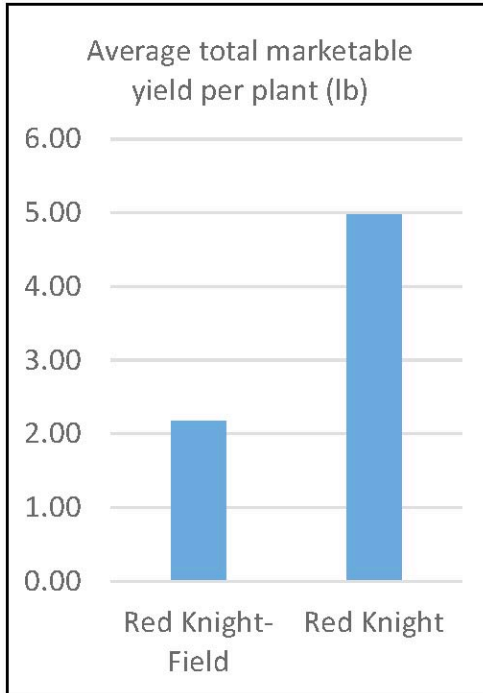


Figure 1. Average total marketable yield per Red Knight plant (lb grown inside and outside tunnel: Greater yield inside tunnel, Red Pepper Trial, NNYADP project, 2017.

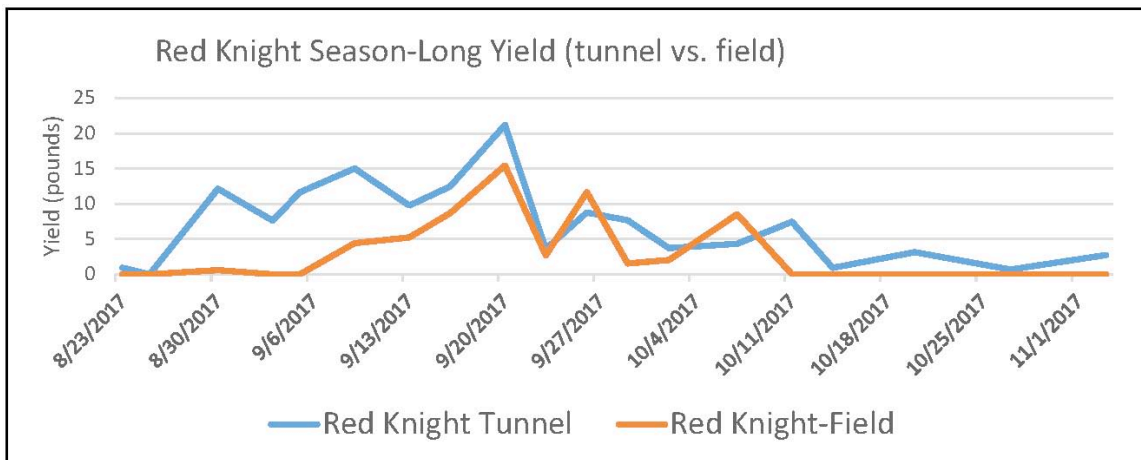
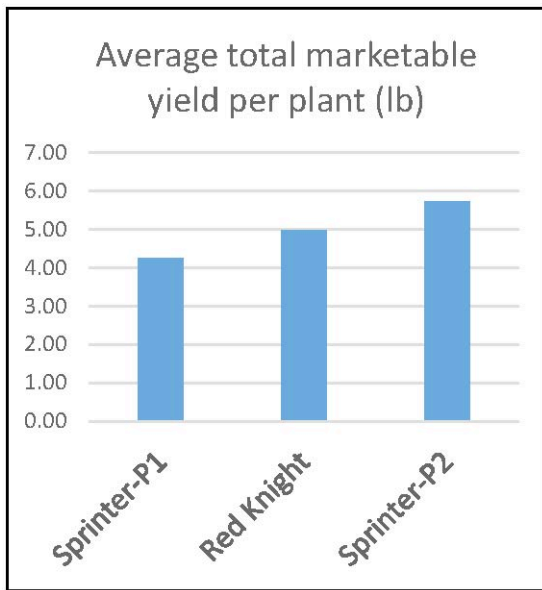


Figure 2: Red Knight Season-Long Yield (tunnel vs. field): Earlier yield inside, Red Pepper Trial, NNYADP project, 2017.



Yield and Timing Differences between Red Knight (field variety) and Sprinter (greenhouse variety)

P-1 is the double leader training method
P-2 is the stake & weave training method used on Red Knight as well

Red Knight yielded earlier then tapered off while Sprinter began yielding later then kept on yielding
Total yield on Sprinter was higher, but occurred later in season when market demand is less

Figure 3: Average total marketable yield per plant (lb), Red Pepper Trial, NNYADP project. 2017.

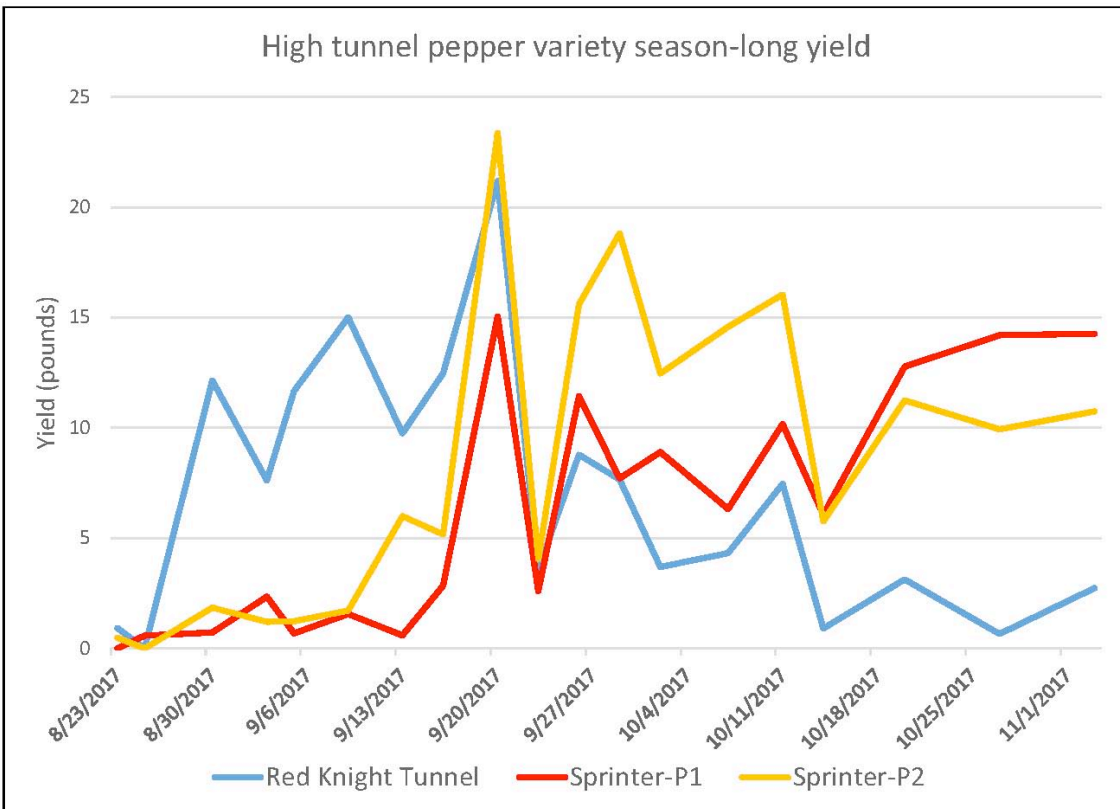


Figure 4: High tunnel pepper variety season-long yield, Red Pepper Trial, NNYADP project. 2017.

Comparison of two pruning methods for Sprinter

P-1 is the double leader training method P-2 is the stake & weave training method

The double leader method took twice as long to manage and yielded less than the stake & weave method.

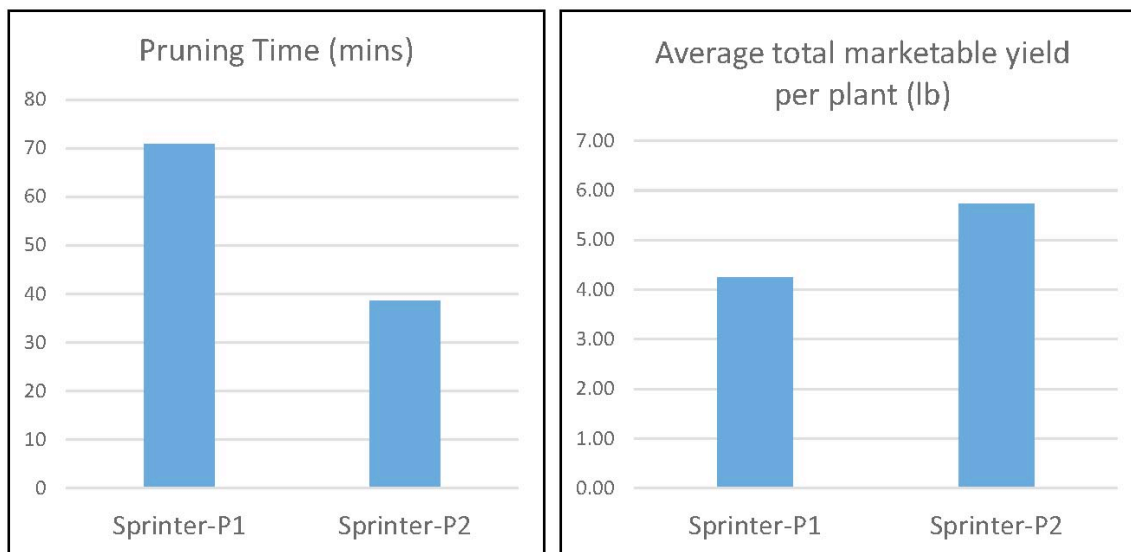


Figure 5, left: Pruning time (mins), Red Pepper Trial, NNYADP project. 2017.

Figure 6, right: Average total marketable yield per plant (lb), Red Pepper Trial, NNYADP project. 2017.

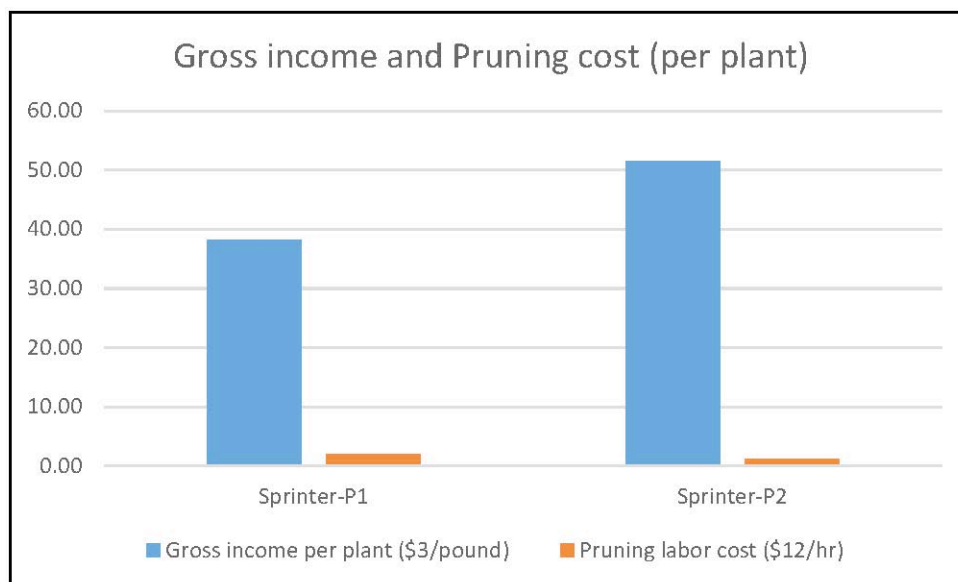


Figure 7. Gross income and Pruning cost (per plant), Red Pepper Trial, NNYADP project. 2017.