

Holden Green Pepper Field Trials

Transit Soil® on Peppers

Six field trials were conducted by independent researchers testing **Transit Soil** on peppers in 2009 and 2010. The studies showed that **Transit Soil** increases rooting and plant vigor resulting in yield increases as great as 67%. **Transit Soil** was also shown to significantly decrease losses from phytophthora root rot. Fruit was ready for harvest earlier, and the thickness of fruit walls was also significantly higher.

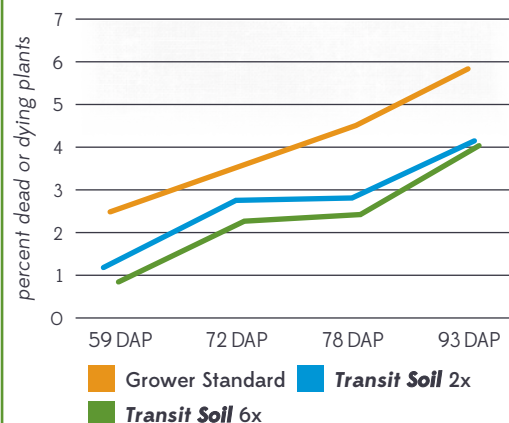
13.7% Yield Increase

This experiment on bell peppers compared the grower standard control with **Transit Soil** applied via the drip system at two different rate and timing combinations. Both were effective. The first was 2 applications of **Transit Soil** at 8 oz/ac. The second was 6 applications at 2 oz/ac. Results indicated that multiple, low rate applications resulted in the best yields.

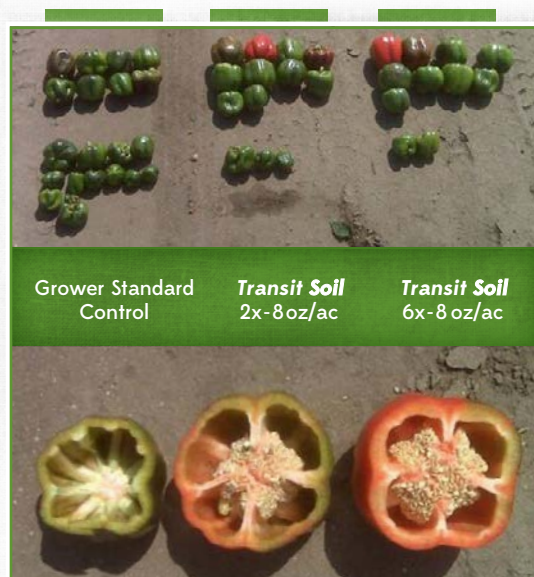
- » Plant size was 33% bigger at day 65
- » there were 26 to 78% more root tips on day 65
- » treated plants were ready for harvest earlier
- » fruit wall thickness was increased by 31%
- » there was 33% less mortality from phytophthora root rot



Transit Soil REDUCES PLANT MORTALITY DUE TO PHYTOPHTHORA CAPSICI



Applications of **Transit Soil** at 2 oz/ac 6 times as well as 8 oz/ac twice were statistically significant at 59 and 78 days after planting. Research conducted by Holden Research and Consulting, Ventura County, 2009.



Fruit from two representative plants were sampled just before harvest from the same treatments. Note the wall thickness as well as the lower percent of unmarketable fruit.