High Tunnels can Produce Higher Yields of Organic Cherry Tomato and Bitter Melon in Southwest Ontario Climate

Trials conducted in 2015 demonstrated that high tunnels dramatically increased the yield of cherry tomato and bitter melon compared to field production.

Insect netting on rollup sides increased both fruit number & mass in bitter melon but decreased fruit mass & had no effect on fruit number in cherry tomatoes.

A multidisciplinary research team is involved in this research project:
Dr. Youbin Zheng: Greenhouse organic crop production, plant nutrition
Mr. Dave Llewellyn: High tunnel infrastructure and plant production
Dr. Yun Kong: Vegetable production under controlled environments
Dr. Rene Van Acker: Weeds management
Dr. Ralph Martin: Sustainable food production
Dr. Mary Ruth McDonald: Integrated vegetable crop management
Dr. W. David Lubitz: Engineering, microclimate
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