

1.0 BIOGRAPHICAL INFORMATION

Dr. John Cline is an Associate Professor in the Department of Plant Agriculture, University of Guelph where he conducts tree fruit physiology research on apples in Simcoe, Ontario and peaches, cherries and plums in Vineland, Ontario. John is also involved in teaching graduate and undergraduate studies at the University of Guelph, and provides extension services to the industry, growers and stakeholders.

The primary objectives of the pomology program are to investigate factors that determine yield and fruit quality of tree fruit crops, as well as environmental issues surrounding tree fruit production. Experiments include investigating the use of new, dwarfing peach and cherry rootstocks, irrigation scheduling, plant bio-regulators, and new methods to thin peaches. We are also interested in understanding the physiological basis for rain-Induced cracking of sweet cherries, as well as studying the benefits of mulches in the orchard coupled with the fate of nitrates in the groundwater.

John holds a B.Sc in soil science (University of Guelph), M.Sc in horticulture (Michigan State University), and a Ph.D in Horticulture (University of London, Wye College, UK).