

Pollen Tube Growth Model

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The Pollen Tube Growth Model is a program that will help grower achieve precision crop load management by timing blossom thinning sprays during bloom. Thinning with caustic bloom thinners can help get the maximum fruit size and return bloom.



Born and raised on a fruit and beef farm in Coopersville, Michigan. Dr. Schwallier received a B.S. in Horticulture in 1975 and M.S. in Entomology in 1978 both from Michigan State University. Phil joined extension in 1978 and recently retired after working 41 years for MSU Extension as Kent County Hort Agent and then District Hort Agent. He retired June 1, 2020, to work with his wife Judy on 100 acre fruit farm, Schwallier's Country Basket.