

# Abstract for Wild Foxberry Management Trials at Selected Sites in Guysborough County, Nova Scotia

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## ABSTRACT

In 2006 & 2007, AgraPoint performed two experimental trials in three locations of Guysborough County to further explore the possibility of growing this wild plant in a commercial management system. The two trials were 1) Herbicide Efficacy on Foxberry and 2) Pruning + Fertilizer + Herbicide Effects on Foxberry.

The treatments of the Herbicide Efficacy trial included a control, hand weed, Velpar, Casoron and Round-up applications. In general, Round-up gave the best weed control, but was most phytotoxic to the foxberries and resulted in stand reduction and the poorest yield performance. Velpar and Casoron gave similar weed control benefits but Velpar seemed to be the least phytotoxic to foxberries which translated into stand increases and the best yields.

The treatments of the Pruning + Fertilizer + Herbicide Effects on Foxberry trial included burn or mow for pruning treatments, applying 14-14-14 fertilizer or not applying fertilizer and the herbicide factors were a Velpar spray plus a Round-up wipe or no herbicide at all. Generally results concluded that burning was a better treatment in the long term, the fertilizer rates and timing used caused negative yield responses and herbicide use is absolutely needed to get good weed control. The treatment that provided the highest yields was burn + no fertilizer + herbicide.

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