



# PEI Soil & Crop Improvement Association - Taking Charge Team

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## Evaluation of native beaked and dwarf hybrid hazelnuts under an organic system

Collaborators: Environmental Coalition of PEI, Sir Andrew Macphail Foundation and Gary Schneider

Location: Macphail Woods, Orwell

Introduction: This project was initiated the spring of 2005. The project will evaluate native beaked hazelnut and 3 hybrid dwarf hazelnut varieties to determine feasibility of producing hazelnuts under an organic system. Growth rate, survival and time to production will be evaluated.

Treatments: native beaked hazelnut and 3 hybrid dwarf varieties: Grimo, Winkler and Northern.

### Soil analysis for site

Organic Matter (%)	pH	Phosphate (ppm)	Potash (ppm)
3.3	5.8	50	26



Dwarf hybrid hazelnut fall 2006



Hazelnuts or filberts

The two main markets for hazelnuts (also referred to as filberts) would be:

1. Processed foods — confectionery, desserts, cakes and snack foods;
2. Raw nuts – sell locally for \$19.00/kg (Sept.2006).



The Soil Conservation Council of Canada

Dairy Farmers of Canada

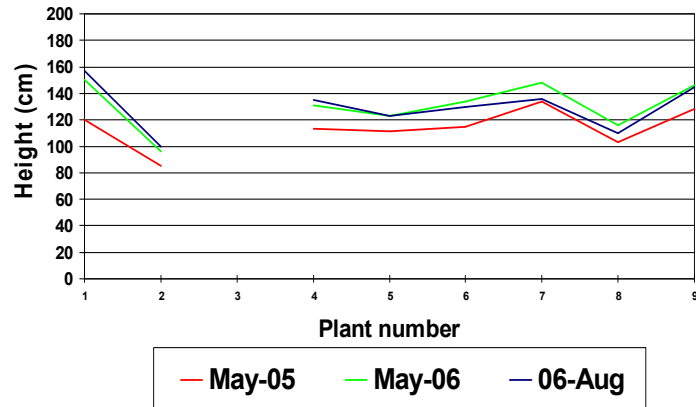


Les Producteurs laitiers du Canada

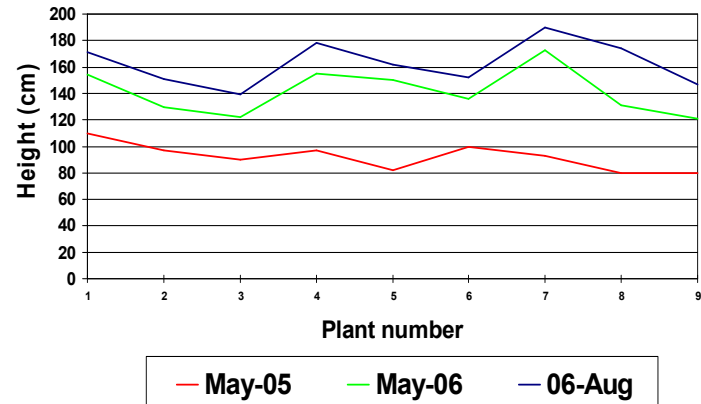


Preliminary Results:

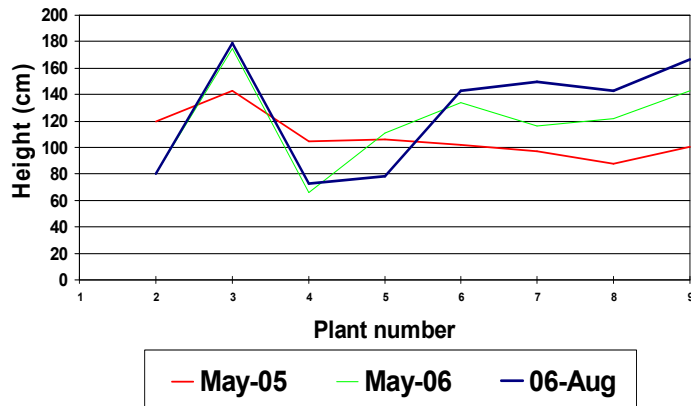
**Grimo Hazelnut**



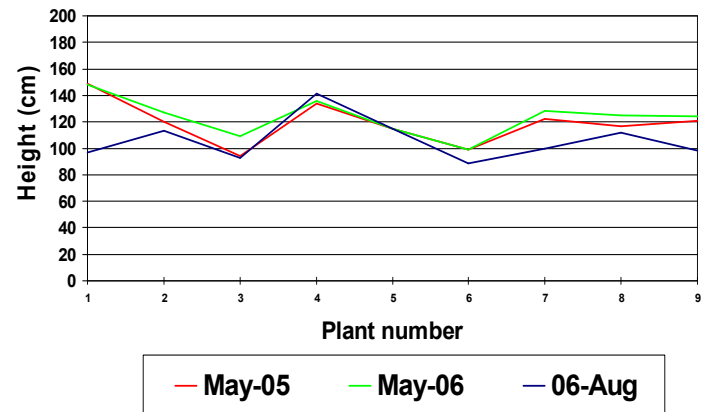
**Winkler Hazelnut**



**Northern Hazelnut**



**Native beaked Hazelnut**



\* Note: Line break in graph indicates plant mortality.