# Opportunities for intercropping in young hazelnut orchards

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#### intercropping



opportunity



- no significant crop
- expenses, no profit







- annual crops, food quality, income
- insecticides, fungicides

### Intercropping



Pecans and grain

A traditional practice in commercial nut industries

Combines young orchards and annual crops during establishment.



English walnuts and soybeans

#### Oregon hazelnuts – first year



#### Integrated cropping — horticulture or forestry





 Pesticides and herbicides that are registered for field crops are not registered for use in fruit and nut orchards for dual food production

#### Pest managing sprays are necessary

Orchard sprayers – thorough, consistent coverage of tree canopies and branches with pesticides (conventional & organic) or foliar nutrients

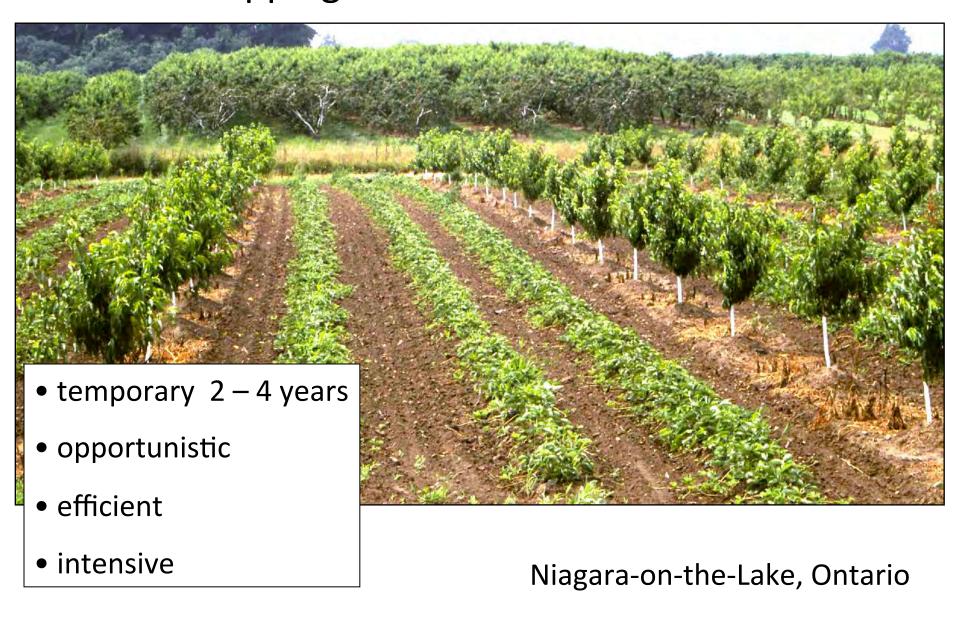


Modern tower sprayer



Older sprayer technology

#### Intercropping in modern orchard industries





Lettuce & greens



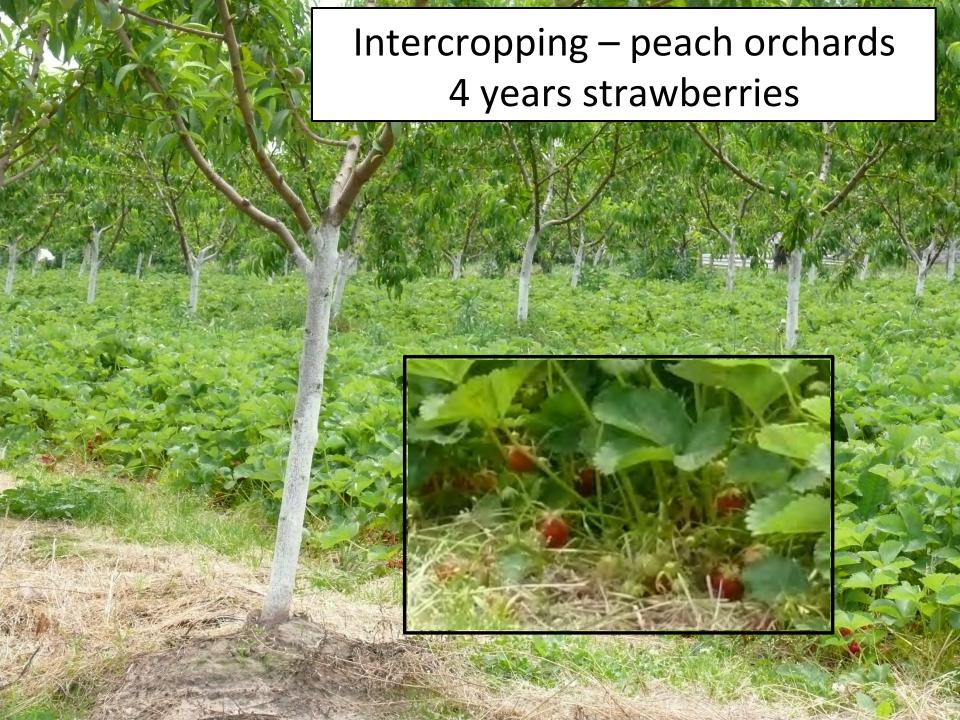
**Grains** 



Pumpkins & squash

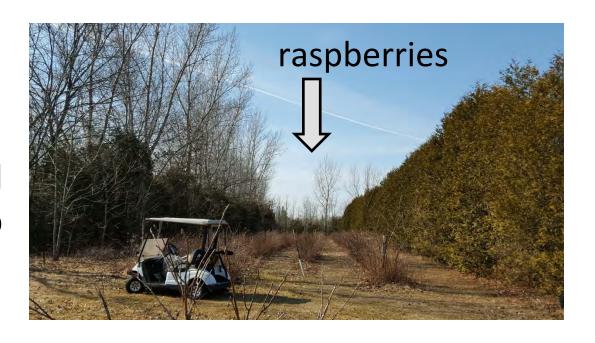


PYO berries & vegetables



# Martin Hodgson's orchard

perennial intercrop



bearing hazelnut orchard



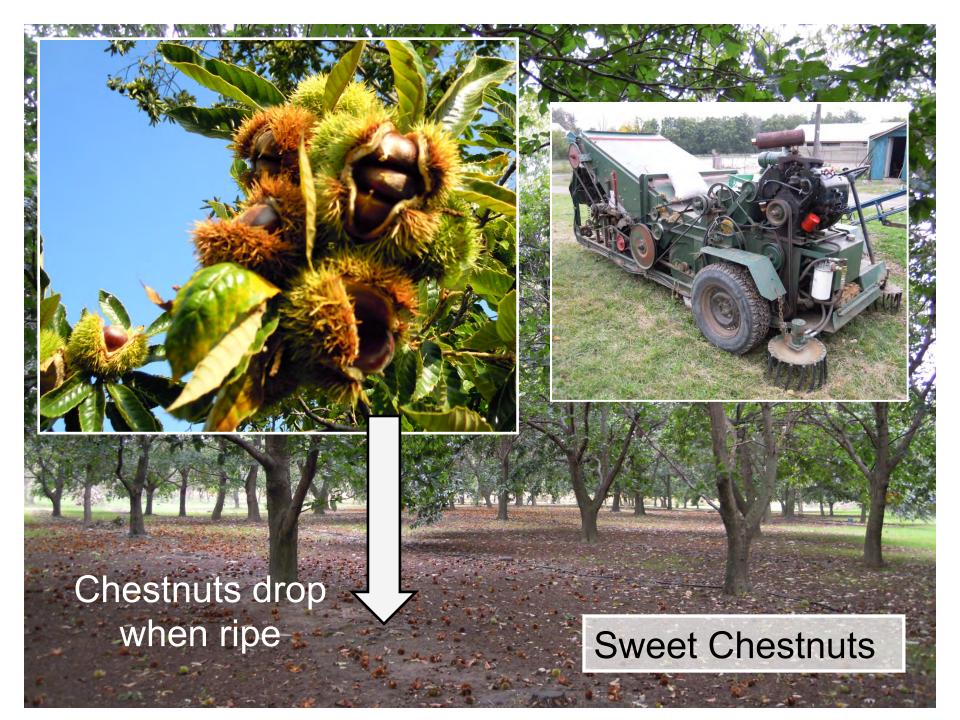


Years 5 - 15



Years 1 - 4

Niagara, Ontario



## End

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