



# NOVAMAC

<b>Origin</b>	Agriculture and Agri-Food Canada, Kentville, Nova Scotia, 1978.
<b>Parentage</b>	McIntosh x complex parentage. See comments section below.
<b>Availability</b>	Early mid September on from selected outlets.
<b>Source</b>	Several nurseries.
<b>Quality</b>	Mild aromatic, sub-acid, sweet, juicy, crisp, moderately firm. Fairly similar to McIntosh.

## Fruit:

<b>Size</b>	Medium, may be somewhat small.
<b>Surface</b>	Smooth and glossy.
<b>Ground Colour</b>	Greenish cream to cream.
<b>Over Colour</b>	40-75% medium red to dark red on exposed cheek.
<b>Flesh Colour</b>	Cream to creamy white.
<b>Harvest Season</b>	Late September, a week before McIntosh.
<b>Storage</b>	Stores well.
<b>Strains</b>	None known.

## Tree:

<b>Vigour</b>	Moderately vigourous.
<b>Habit</b>	Upright spreading to spreading. Thinner wood than McIntosh; often has split terminals (bifurcations) which need corrective pruning. Limb breakage due to brittle wood occurs more frequently than with most cultivars.
<b>Precocity</b>	Very good.
<b>Fruit Placement</b>	On laterals and spurs.
<b>Bloom Period</b>	Medium to late.
<b>Pollination</b>	Other diploids in the same bloom season. Usually sets well but does not set heavy clusters.
<b>Nutrition</b>	Normal as for McIntosh.
<b>Crop</b>	Heavy cropper. Appears to be more annual than biennial.
<b>Synchrony</b>	Usually can be harvested in a single picking. Very prone to pre-harvest drop, as is McIntosh.
<b>Adaptation</b>	Seems suited to Nova Scotia type climate. Somewhat sensitive to pre-bloom spring frost.
<b>Disease Reaction</b>	Immune to scab. Resistant to cedar apple rust. Somewhat susceptible to quince rust and frog eye leaf spot.
<b>Insect Reaction</b>	No special reactions noted.
<b>Rootstock</b>	Has performed well on all the stocks tested.

## Comments:

Novamac is a scab resistant cultivar with many similarities to McIntosh. Fruit size is not quite as large as McIntosh and may be under 2½" from unthinned and unpruned older trees.

**Parentage:** *McIntosh x (NJ 24 x PRI 47-147)*

NJ 24 = [Melba x (Wealthy x Starr)] x (Red Rome x Melba)

PRI 47-147 = Jonathan x [(Rome Beauty x OP) x (Rome Beauty x M. floribunda 821)]

1/2 McIntosh, 1/8 Jonathan, 2/16 Melba, 1/16 Red Rome, 2/32 Rome Beauty, 1/32 Wealthy, 1/32 Starr, 1/32 M. floribunda, 1/32 unknown