

| Apple |

ReTain[®] Plant Growth Regulator for apples

ReTain is the foundation for a harvest management and post-harvest quality program. ReTain helps you optimize crop maturity and quality. Higher quality apples, *and more of them*, result in higher returns for Canadian apple growers.

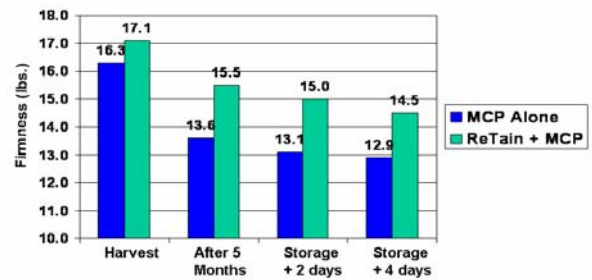
ReTain Research Data:

Harvest Management Using ReTain

	No ReTain	ReTain
Acres	30	30
Bins/Acre	40	40
Total Bins	1,200	1,200
Harvest Days	8	15
Bins/Day to Harvest	150	80
Picking Rate (Bins/Day)	5	5
Number of Pickers	30	16

By extending the harvest time, ReTain can help growers reduce their total number of pickers by over 40%!

Fruit Quality in Storage with 1-MCP



Variety: Gala
Location: Outlook, WA, Yakima Fruit Storage
Harvest 8/16/04 – placed into CA storage
Fruit removed from CA storage 1/19/05

How to Use

Rate	Use 1 pouch per acre (333g).
Timing	4 weeks before the anticipated harvest date of untreated fruit*.
Spray volume	Apply in sufficient water volume for thorough coverage of fruit without runoff – generally 100 gallons per acre.
Adjuvant	Use the organosilicone surfactant Sylgard [®] 309 at 0.05-0.1% volume to the spray mixture.

*Anticipated harvest dates will vary depending on variety, history of the block being harvested, and environmental conditions during the season.

Key Benefits

Depending on the variety being treated, ReTain can provide many benefits to apple growers:

- Helps optimize harvest management (labour, equipment and transportation) while allowing more apples to be picked at their optimum condition.
- Keeps fruit hanging longer for better size and optimal colouring conditions in the fall.
- Aids with maturity-related disorders such as watercore in Red Delicious, greasiness of Jonagold, cracking in Gala and yellow ground colour in Mutsu.
- Maintains fruit firmness from harvest to storage and has excellent synergy with post-harvest technologies resulting in better fruit firmness than either treatment used alone.

ReTain



Untreated



For more information please call 1-866-613-3336 or visit www.engageagro.com.

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