

Harvest the potential™ of your apple crop with ReTain®, a plant growth regulator that temporarily inhibits ethylene production to slow fruit maturation, ripening and fruit drop.

ReTain® PGR

Benefits

- Keeps fruit hanging longer
- Reduces watercore and stem bowl cracking
- Maintains and improves fruit firmness
- Provides greater uniformity in maturity across all fruit at each pick
- Increases fruit size as fruit grows longer
- Increased fruit set on cherries

Registered crops

- Apple
- Cherries

General usage information

- Adequate spray volume is required for thorough coverage (935 - 1,870 L/ha)
- A silicone surfactant must be used when applying ReTain – Xiameter® at 0.05-0.1% v/v
- Use the lower rate of surfactant when trees are stressed, or if there are extreme weather conditions like drought or excessive heat
- Maximum 1 application per season
- The spray solution pH should be neutral and not exceed 8.5
- If applying to trees under stress due to water, heat, disease or poor nutrition – be aware that the benefits and efficacy of ReTain may be reduced in these circumstances
- Please consult the Horticulture Specialist at Nufarm for specific use pattern information related to specific varieties and growing areas
- Do not mix ReTain with any other products other than Xiameter
- Do not apply in high heat
- We do not recommend applying close application intervals of ReTain and Captan and/or Maestro®. Please contact Nufarm for more details and support with respect to using ReTain and these fungicides safely.



Technical information

CHEMICAL CLASS

- > Plant Growth Regulator

ACTIVE INGREDIENTS

- > Aviglycine hydrochloride (AVG) 15%

PACKAGING

- > 20 x 333 g case

RAINFAST

- > 8 hours

PCP

- > 25609

Specific crop usage information

OBJECTIVE RATE PHI APPLICATION INFORMATION

APPLE

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| <p>Delayed fruit maturity Improved harvest management Reduced pre-harvest fruit drop Additional time for increase in fruit size Additional time for colour development Maintenance of fruit firmness Improved fruit quality Enhanced storage quality</p> | <p>1 pouch/0.4 ha (1 pouch/ac.)</p> | <p>7</p> | <p>Apply 4 weeks prior to the anticipated beginning of the normal harvest for the specific variety you are spraying. Applying ReTain at this time will help delay and better manage harvest.</p> <p>When temperatures are high (above 32°C) it is important to use the 0.05% v/v rate of a silicone surfactant (Xiameter)</p> |
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PLEASE NOTE

Under difficult colouring conditions, colour development of certain bi-colour apple cultivars such as Gala and Honeycrisp™ may be delayed when ReTain is applied at 1 pouch per 0.4 hectare (1 acre)

SWEET CHERRY

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| <p>Fruit set</p> | <p>1 pouch/0.4 ha (1 pouch/ac.)</p> | <p>7</p> | <p>Make a single application of ReTain during bloom. Efficacy requires thorough coverage of the product on the flower buds and flowers.</p> <p>Use appropriate water volume based on tree size</p> <p>Applications between balloon stage to first bloom are more effective than earlier or later applications</p> <p>Do not apply after petal fall</p> <p>Do not apply when fruit are present</p> <p>ReTain on cherries is not meant to be used as a harvest management aid</p> |
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1.800.868.5444 | Nufarm.ca | NufarmHortCA

Always read and follow the product label for more detailed information on control of weeds, insects or disease, application directions, and use precautions. Please refer to label for more information including future label expansions that may include new crops, pests and use patterns. Please refer to label for re-entry periods.

Always read and follow label directions.

ReTain® is a trademark of Valent BioSciences LLC. Nufarm Agriculture Inc. is a distributor of Valent products in Canada.

66556-12/19

