

## Amid-Thin® W Plant Growth Regulator

Chemical thinning optimizes fruit size and quality and is one of the most important seasonal applications in pome fruit, like apples and pears. Amid-Thin® W Plant Growth Regulator is easy on foliage and offers a wide margin of crop safety when applied at recommended concentrations.

- ▶ Optimizes fruit size and quality in apples and pears
- ▶ Easy on foliage

### How To Use—Apple Thinning

Apply *Amid-Thin W* at a rate of 25 to 50 ppm at full bloom or up to petal fall. Limit the use of higher concentrations of *Amid-Thin W* to difficult-to-thin and/or vigorous trees with ample pollination and good initial fruit set. Use the lower concentration on easy-to-thin varieties and/or weaker, less vigorous trees with less energy reserves.

#### *Amid-Thin W* Application Rates for Thinning Apples at Full Bloom<sup>1</sup>, Petal Fall<sup>2</sup> in Normal Years<sup>3</sup>

Apple Varieties	Rate (NAA ppm)	Amount of <i>Amid-Thin W</i>		
		100 gallons/A	150 gallons/A	300 gallons/A <sup>4</sup>
<b>Easy-to-thin:</b> Baldwin, Braeburn, Cortland, Cripps Pink, Granny Smith, Idared, Jonathan, McIntosh, Northern Spy, Red Delicious, Rhode Island Greening, Rome Beauty, Stayman and more	25–40	0.25–0.4 lb (4–6.4 oz)	0.38–0.6 lb (6.1–9.6 oz)	0.75–1.2 lb (12–19.2 oz)
<b>Moderately difficult-to-thin:</b> Cameo, Empire, Gala, Gingergold, Golden Supreme, Honeycrisp, Jerseymac, Jonagold, Mutsu, Olenburg (Duchess) Red Astrachan, Rome, Spartan, Williams Early, Yellow Transparent and more	25–50	0.25–0.5 lb (4–8 oz)	0.38–0.75 lb (6.1–12 oz)	0.75–1.31 lb (12–20.9 oz)
<b>Difficult-to-thin:</b> Early McIntosh, Fuji, Golden Delicious, Jonamac, Lodi, Macoun, Paula Red, Taylor Rome, Yellow Newton, York and more	40–50	0.4–0.5 lb (6.4–8 oz)	0.6–0.75 lb (9.6–12 oz)	1.2–1.31 lb (19.2–20.9 oz)

NAA = Naphthaleneacetic acid

<sup>1</sup>Full bloom: When 90% of the blossoms are fully open with petals beginning to fall from the king flower.

<sup>2</sup>Petal fall: When approximately 90% of petals have fallen off.

<sup>3</sup>Spraying can be delayed up to 3 weeks (21 days) after full bloom if unusually cool weather has slowed growth during a cold year when daytime temperatures are consistently below 50°F.

<sup>4</sup>At 300 gallons/A the maximum rate that can be applied is 44 ppm NAA.

## How To Use—Pear Thinning

Apply *Amid-Thin W* at a rate of 10 to 50 ppm at petal fall (90% petal drop). Use up to 300 gallons of spray solution per acre. Applying *Amid-Thin W* in this manner reduces the hand labor required to supplement thinning of pears to the desired level.

### *Amid-Thin W* Application Rates for Thinning Bartlett and Bosc Pears at Petal Fall<sup>1</sup> in a Normal Year

Rate (NAA ppm)	Amount of <i>Amid-Thin W</i>		
	100 gallons/A	150 gallons/A	300 gallons/A <sup>2</sup>
10	0.1 lb (1.6 oz)	0.15 lb (2.4 oz)	0.3 lb (4.8 oz)
15	0.15 lb (2.4 oz)	0.23 lb (3.7 oz)	0.45 lb (7.2 oz)
25	0.25 lb (4 oz)	0.38 lb (6.1 oz)	0.75 lb (12 oz)
40	0.4 lb (6.4 oz)	0.6 lb (9.6 oz)	1.2 lb (19.2 oz)
50	0.5 lb (8 oz)	0.75 lb (12 oz)	1.31 lb (20.9 oz)

NAA = Naphthaleneacetic acid

<sup>1</sup>Petal fall generally occurs 14–21 days after full bloom in normal years.

<sup>2</sup>At 300 gallons/A the maximum rate that can be applied is 44 ppm NAA.

## Other Important Information

- ▶ Sensitivity to *Amid-Thin W* varies considerably among cultivars and pears are generally more sensitive than apples—see the label for more information
- ▶ Do not apply more than 1.31 lb (20.9 oz) *Amid Thin W* per application per acre. The maximum application rate is 20.9 oz. *Amid Thin W* (0.11 lb active equivalent) per acre per application.
- ▶ DO NOT EXCEED 62.7 oz. (0.33 lb active equivalent) per acre per year. The maximum annual quantity and per application rate is based on NAA (as acid) equivalent of the active ingredient. Note: *Amid-Thin W* contains 8.44% NAA or 8.40% 1-naphthaleneacetamide (NAD).
- ▶ The preharvest interval (PHI) is 2 days
- ▶ The restricted entry interval (REI) is 48 hours
- ▶ The minimum retreatment interval (RTI) is 7 days
- ▶ If the maximum rate of 20.9 oz *Amid Thin W* (0.11 lb active equivalent) is used for application, then the maximum number of applications per year is three
- ▶ The maximum number of applications per year is three, but only two applications per crop cycle are recommended to decrease the risk for pygmy fruit