

THINNING MAIA varieties, in order by Harvest

MAIA-SM - Sweet Maia®

Thin with Sevin. A medium sized apple, Maxcell might work to good effect. Retain is unnecessary and actually seems detrimental.

MAIA12 - Summerset®

Thin with Sevin (1 quart) or Sevin+10ppm NAA. It will overset, but thins readily. It is a large apple and Maxcell would not be advised. Retain is advised as it will keep them on the tree and provide you with a long harvest window. Use 1-MCP if you are going to keep them more than 6 weeks. Brown (skin color) fruit on young trees is common.

MAIA11 - Rosalee®

Thin with Sevin+10ppm NAA. This variety will go biennial if given the opportunity. Treat it like Golden Delicious. Retain is not advised as it will push harvest maturity into November. One year of storage testing data suggests that 1-MCP is of no value and untreated (no Retain, no MCP) fruit in common storage at 38* is hard to beat.

MAIA-L - Ludacrisp®

Thin with Sevin+10ppm NAA. This variety's unique flavor is dependent on internal chemistry. Be cautious with Retain and 1-MCP. MCP may retard flavor development and without its complex flavor profile the variety is 'just another apple'

MAIA-Z - Sweet Zinger®

Thin with Sevin+10ppm NAA. Expect to tidy up multiples at the end of branches by hand. There is little data/experience with Retain or MCP. The apple does not drop. Since it is a 'flavor' apple, caution with ethylene inhibiting products is advised.

MAIA1 - EverCrisp®

MAIA-1 is an annual bearing tree and pretty good at self-regulating. Pruning can go a long way in starting proper crop management. Tall spindle trees managed scientifically (pruned to a certain number of bloom spurs) is helpful as the variety seldom sets more than one or occasionally two fruits per spur.

A "low as reasonable" crop load is recommended for this variety to produce favorable maturity, color, and flavor. MAIA recommendation remains no chemical thinning and touch up crop load by hand.

With favorable pollination and heavy fruit set conditions, 1 quart of Sevin can be used. Following up with hand thinning is highly recommended.

Because of the great storage potential of MAIA1, ReTain® and MCP are of little benefit/possibly detrimental and CA storage is not necessarily needed.