



Citrus

Rind Protection

VitaGib® 40%

Soluble Powder Plant Growth Regulator

VitaGib® 40% gibberellic acid (GA3) plant growth regulator is highly effective in **reducing rind aging and associated physiological disorders**. It also plays a role in increasing peel strength and in the regulation of other plant processes such as flowering, dormancy, and senescence.

Benefits of VitaGib® 40% Applications:

Navel and Other Orange Cultivars (Except Valencia)

- To delay rind aging, reduce physiological disorders (i.e. rind staining, water spotting, sticky or tacky surface, oleocellosis) and produce a more orderly harvesting pattern.
- Apply 1.4 - 2.3 ounces per acre. Make 1 - 2 applications as a concentrate or dilute spray. Early application: spray approximately 2 weeks prior to color break (typically AUG. - NOV.). This timing causes the greatest delay in rind aging and produces the firmest rind possible; AND/OR Late application: 1 application after marketable color (typically OCT. - DEC.). This late spray has been known to cause re-greening.

Valencia Orange

- To reduce rind creasing and to delay rind aging and softening.
- Make a single application as a concentrate or dilute spray in August to October to target crop of young fruit

Tangerine Hybrids (Orlando Robinson, Minneola, Sunburst and Others)

- To delay disorders associated with rind aging, puffiness and softening and to increase peel strength of tangerine hybrids.
- Apply 1.8 - 3.6 ounces per acre. Make 1 spray application 2 weeks prior to color break. Apply as a dilute spray.

Grapefruit

- To delay disorders associated with rind aging (puffiness, softening and orange coloration. To prevent pre-harvest drop of mature fruit, increase peel strength, reduce water loss during storage and produce a more orderly harvesting pattern.
- Apply 1.4 - 4.3 ounces per acre. Make 1 -2 dilute spray applications in sufficient volume to ensure coverage. Do not exceed 20 ppm active ingredient in spray solution. Early: Make application 2 weeks prior to color break (typically AUG. - SEP.) AND/OR Late: Make application after marketable color has developed (typically OCT. - DEC.).

(Not for Use in California)

Important Notes:

- Do not apply the early spray to groves that will be harvested early, as fruit coloring will be delayed.
- Do not apply from January through July, as production is often reduced the following year.
- Slower color development is to be expected in the target crop. Increased re-greening of mature fruit has been known to occur. After marketable color is achieved, treatment effects are reduced the longer treated fruit remain on the tree.
- Do not apply if early harvest is planned. Do not apply after coloring as pre-harvest rind staining and re-greening has been known to occur. Application during coloring sometimes causes variation in rind color development.