

Voltage Yellow
Flower Stem Length
PGR Trial
10 Weeks After Stick



No Late PGR



Bonzi 4ppm Drench



Sumagic 2ppm Drench

2 Weeks After Stick
When B9/CCC
Spray Applied



Purpose Of Trial :

To find a pgr regime that would shorten flower stem length on this variety.

Treatments :

1. B9/CCC 2500/1000 ppm spray (early)
2. B9/CCC 2500/1000 ppm spray (early) + Bonzi 4ppm Drench (Late)
3. B9/CCC 2500/1000 ppm spray (early) + Sumagic 2ppm Drench (Late)

Temps :

High : 81 (F)

Low : 64 (F)

Results :

1. Bonzi and Sumagic both make the flower stems shorter.
2. At these rates, both PGRs had too much of an affect on overall plant size, resulting in the finished plants being too small.
3. The picture on the left shows the ideal time for the drench application (foliage filling out the pot, first main set of buds just about to stretch and open). Waiting any longer then this will result in the flowers already being stretched by the time you apply the PGR drench. This is earlier then drenches would usually be applied.
4. Using PGRs to reduce flower stem length in pot sizes 1 gallon and larger is difficult, because the PGRs that work also keep the plant size too small.
5. Future trials will be done using these PGRs as sprays to try and reduce the affect on plant size development while still shortening the flower stems.

5 Weeks After Stick
When PGR Drench
Was Applied

