

Ball Flora Plant Research & Development

725 Zenon Way Arroyo Grande CA 93420 (805) 489-0228

Bracteantha Culture Evaluation

Stick: Wk 13 GH Zone 5

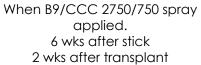
Avg. High: 75° F Avg. Low: 62° F

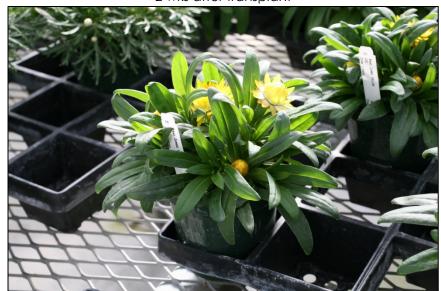
All treatments & varieties got a B9 1500 spray 2 wks after stick (while still in propagation).





Brac DT Jumbo Yellow URC





When Bonzi 1 ppm drench applied. 8 wks after stick



Finish
11 wks after stick
7 wks after transplant



When B9 3000 spray applied. 5 wks after stick 2 wks after transplant





When Bonzi 1 ppm drench applied.
6 wks after stick



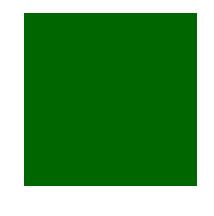
Finish 11 wks after stick 8 wks after transplant



When Bonzi 1 ppm drench applied.
5 wks after stick



Finish 9 wks after stick



Brac DT Jumbo Yellow Genesis Direct Stick

*Got a B9 1500 spray 2 weeks after stick, but not any other early PGR spray.



Brac DT Jumbo Lt. Pink URC





When Bonzi 1 ppm drench applied. 8 wks after stick



Finish
11 wks after stick
7 wks after transplant



When B9 3000 spray applied. 5 wks after stick 2 wks after transplant





Finish
11 wks after stick
8 wks after transplant



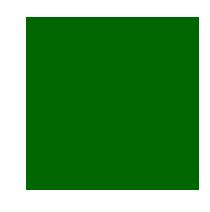
When Bonzi 1 ppm drench applied.
6 wks after stick



When Bonzi 1 ppm drench applied.
5 wks after stick



Finish 11 wks after stick

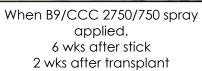


Brac DT Jumbo Lt. Pink Genesis Direct Stick

*Got a B9 1500 spray 2 weeks after stick, but not any other early PGR spray.



Brac DT Jumbo Red Ember URC





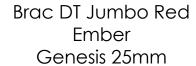
When Bonzi 1 ppm drench applied.
8 wks after stick



Finish 13 wks after stick 9 wks after transplant



When B9 3000 spray applied. 5 wks after stick 2 wks after transplant





When Bonzi 1 ppm drench applied.
6 wks after stick



11 wks after stick 8 wks after transplant

Missing Photo

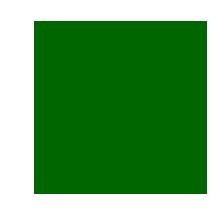
When Bonzi 1 ppm drench applied.
5 wks after stick



Finish 11 wks after stick

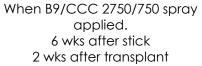


*Got a B9 1500 spray 2 weeks after stick, but not any other early PGR spray.





Brac DT Jumbo White URC





When Bonzi 1 ppm drench applied. 8 wks after stick 4 wks after transplant



Finish 13 wks after stick 9 wks after transplant



Genesis 25mm







When Bonzi 1 ppm drench applied. 6 wks after stick



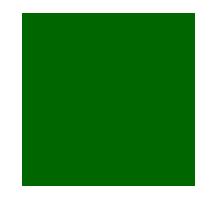
Finish 11 wks after stick 8 wks after transplant



When Bonzi 1 ppm drench applied.
5 wks after stick



Finish 11 wks after stick



Brac DT Jumbo White Genesis Direct Stick

*Got a B9 1500 spray 2 weeks after stick, but not any other early PGR spray.

Bracteantha Culture Evaluation Notes

- This trial was grown in the greenhouse, so all comments are related to GH
 production at these temperatures.
- Jumbo White is more vigorous then the other varieties. It will require more PGRs then Yellow, Light Pink, or Red Ember to keep it controlled.
- B9 3000 ppm spray had almost no effect. B9/CCC 2750/750 spray was definitely better. We should try using an early Bonzi or Sumagic spray as recommended in Grower Facts for better control.
- Bonzi 1 ppm was almost strong enough for Yellow, Light Pink, and Red Ember.
 We cannot use higher rates because it will likely cause the peduncle length to
 decrease, which is already an issue with this crop. Sumagic will have the same
 problem, so CCC drenches are what we should try using in the future. Start with
 750 ppm, but Jumbo White and the new intros may need a higher rate.
- Jumbo White grows fast and flowers late. It will need to be hit hard with PGRs
 early on to keep the habit manageable until flowering begins. We may want to
 try an early Bonzi or Sumagic spray, or an early Bonzi drench.