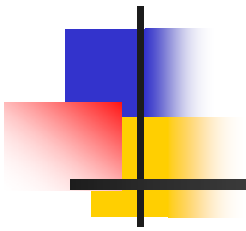


CONFIGURE: Christmas Cacti



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Experiment Setup

- Christmas Cacti 'Nicolas'

- 6.5-inch pots (4 reps)
- Plants market ready
- Foliar sprayed 24 Oct.
 - 0, 100, 200, 400 ppm
 - Configure 2% BA
- Phyto inspection
- Number of phylloclades and buds counted

- Christmas Cacti

- Cultivars: 'Victoria, Nicole, Thor Nillie, Thor Alex, Stephanie'
- 6.5-inch pots (1 rep)
- Plants market ready
- Foliar sprayed 24 Oct.
 - 0, 100, 400 ppm
 - Configure 2% BA
- Phyto inspection
- Number of phylloclades and buds counted



Replicated Study Results



Statistical Significance

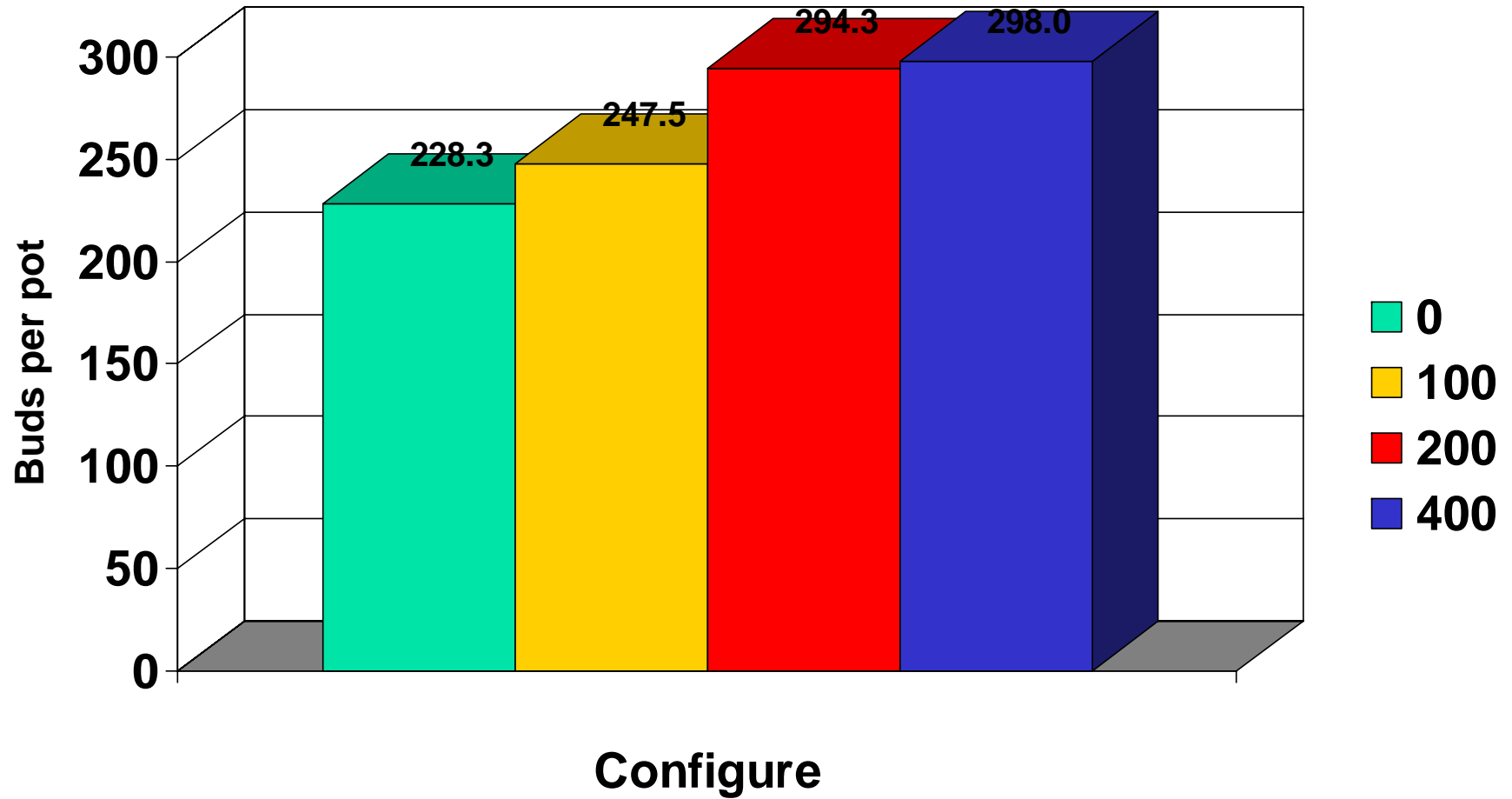
- No differences in the number of phylloclades with buds across rates.
- Mean = 125 phylloclades with buds.



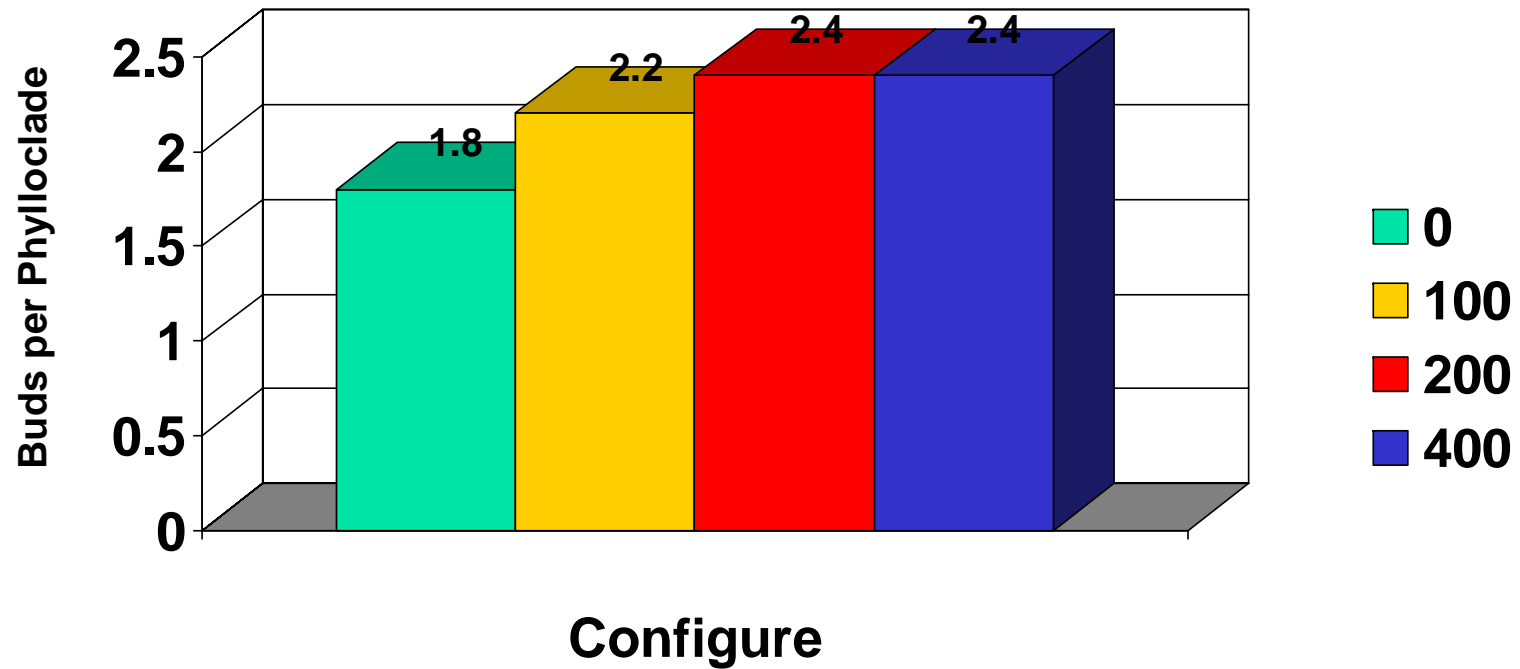
Statistical Significance

- Statistical significance occurred for the chemical x concentration interaction:
 - Number of buds per pot ($P \leq 0.017$, $r^2 = 0.79$)
 - Number of buds per phylloclade ($P \leq 0.006$, $r^2 = 0.82$)

Christmas Cacti 'Nicolas'



Christmas Cacti 'Nicolas'





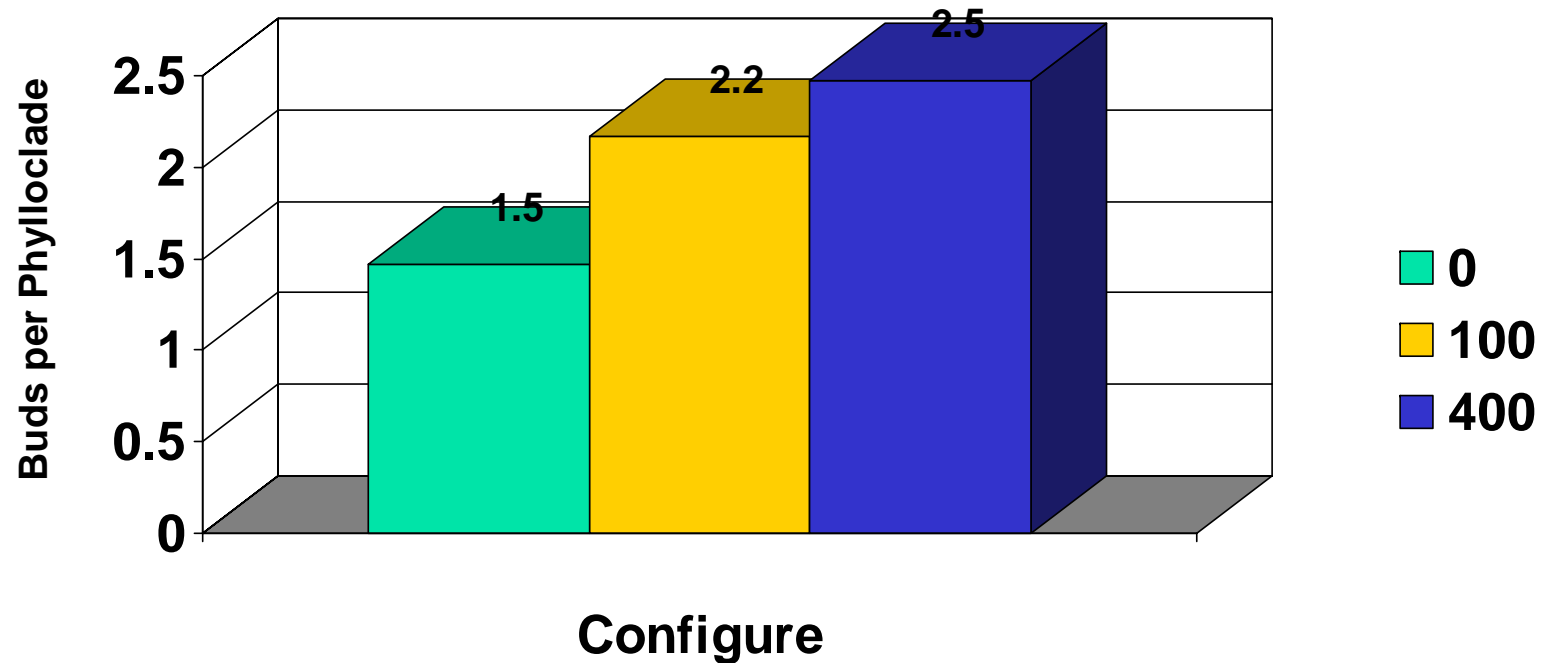
Conclusions

- Bud count and number of buds per phylloclade increased with increasing Configure concentrations of 400 ppm.
 - Bud count on some phylloclades exceeded 12 buds with ≥ 200 ppm Configure.
 - Spray coverage is important.
 - Bud count was higher at the top of the plant than on phylloclades which were covered.



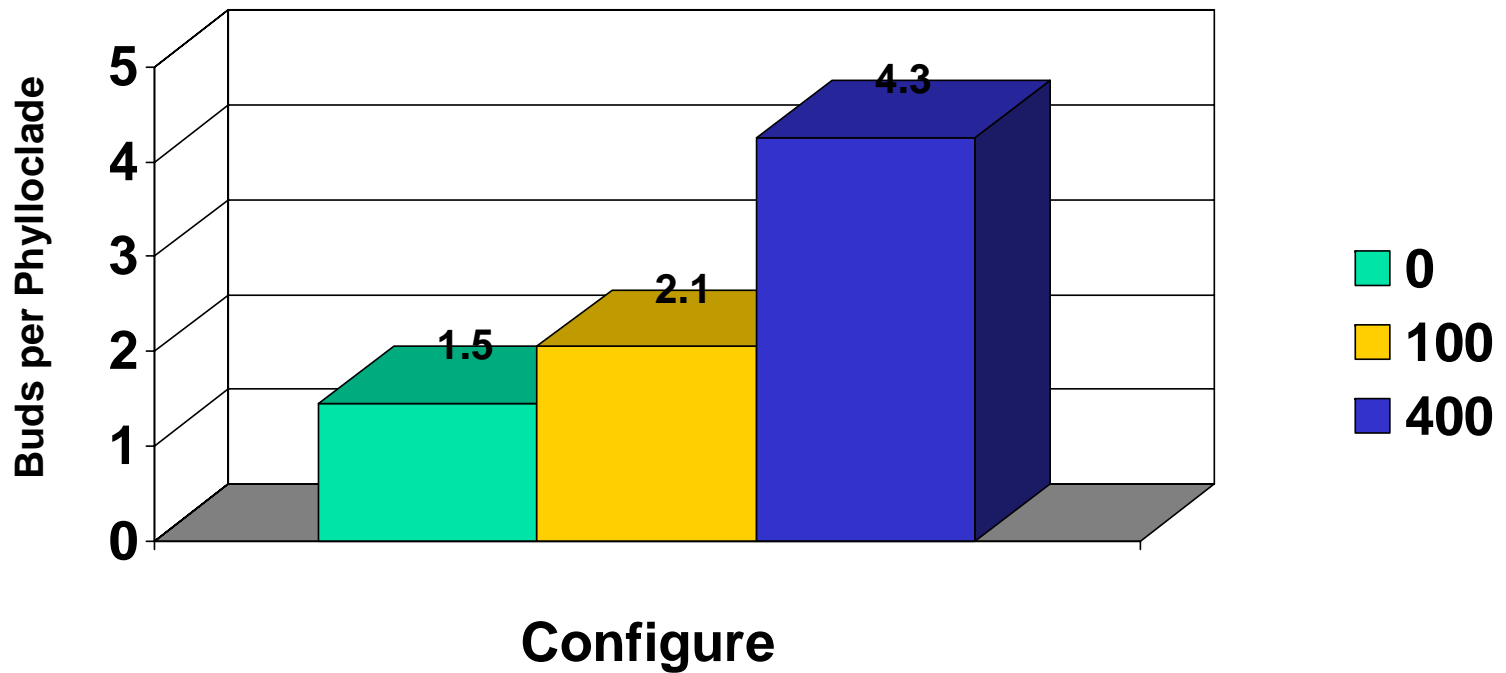
Observational Study Results

Christmas Cacti 'Victoria'



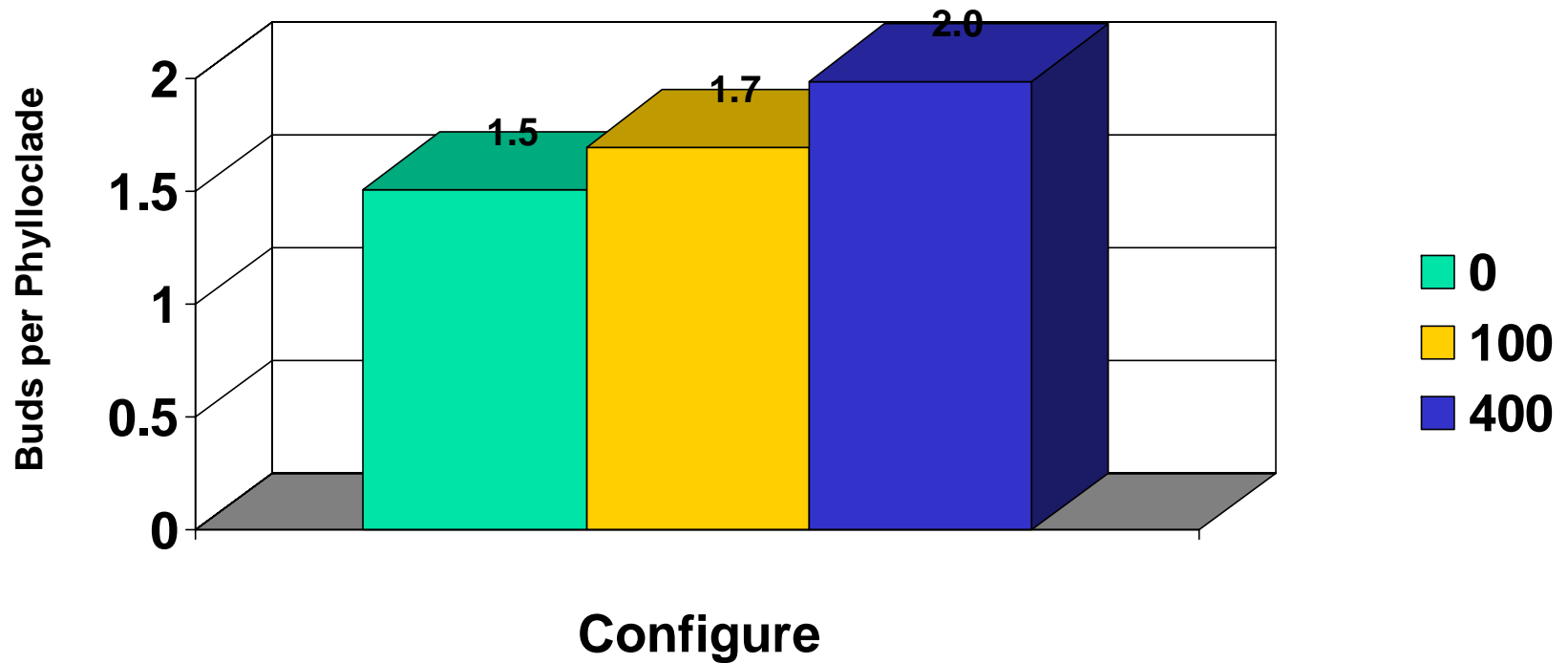
Non-replicated study, n=1.

Christmas Cacti 'Nicole'



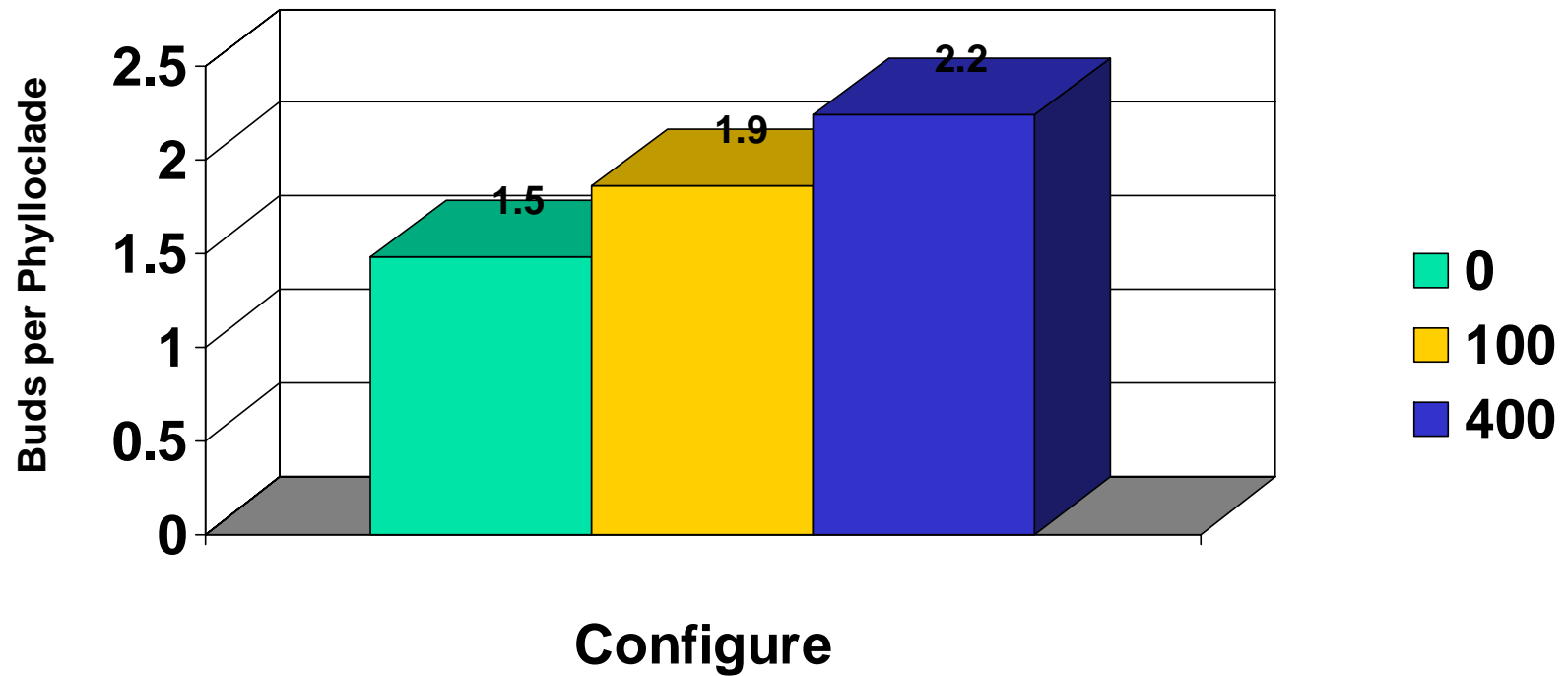
Non-replicated study, n=1.

Christmas Cacti 'Thor Nillie'



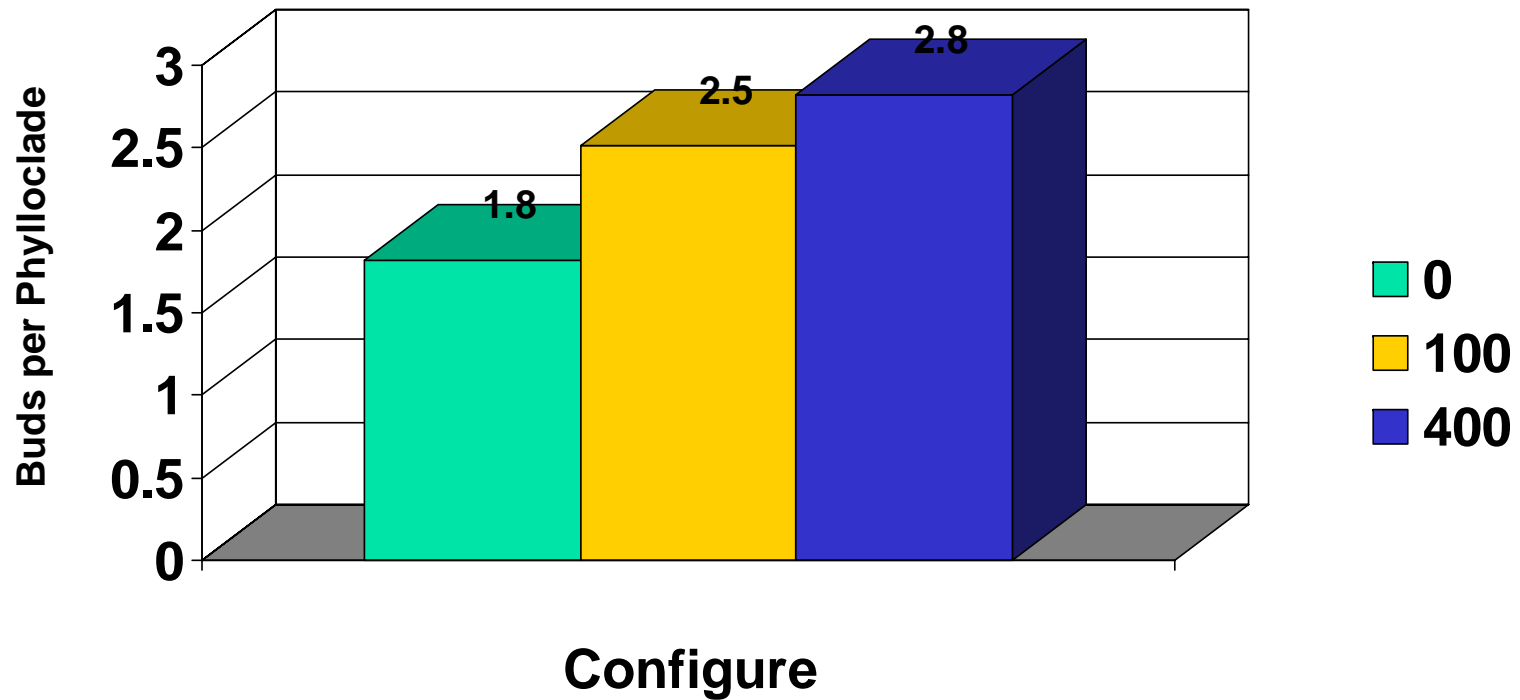
Non-replicated study, n=1.

Christmas Cacti 'Thor Alex'



Non-replicated study, n=1.

Christmas Cacti 'Stephanie'



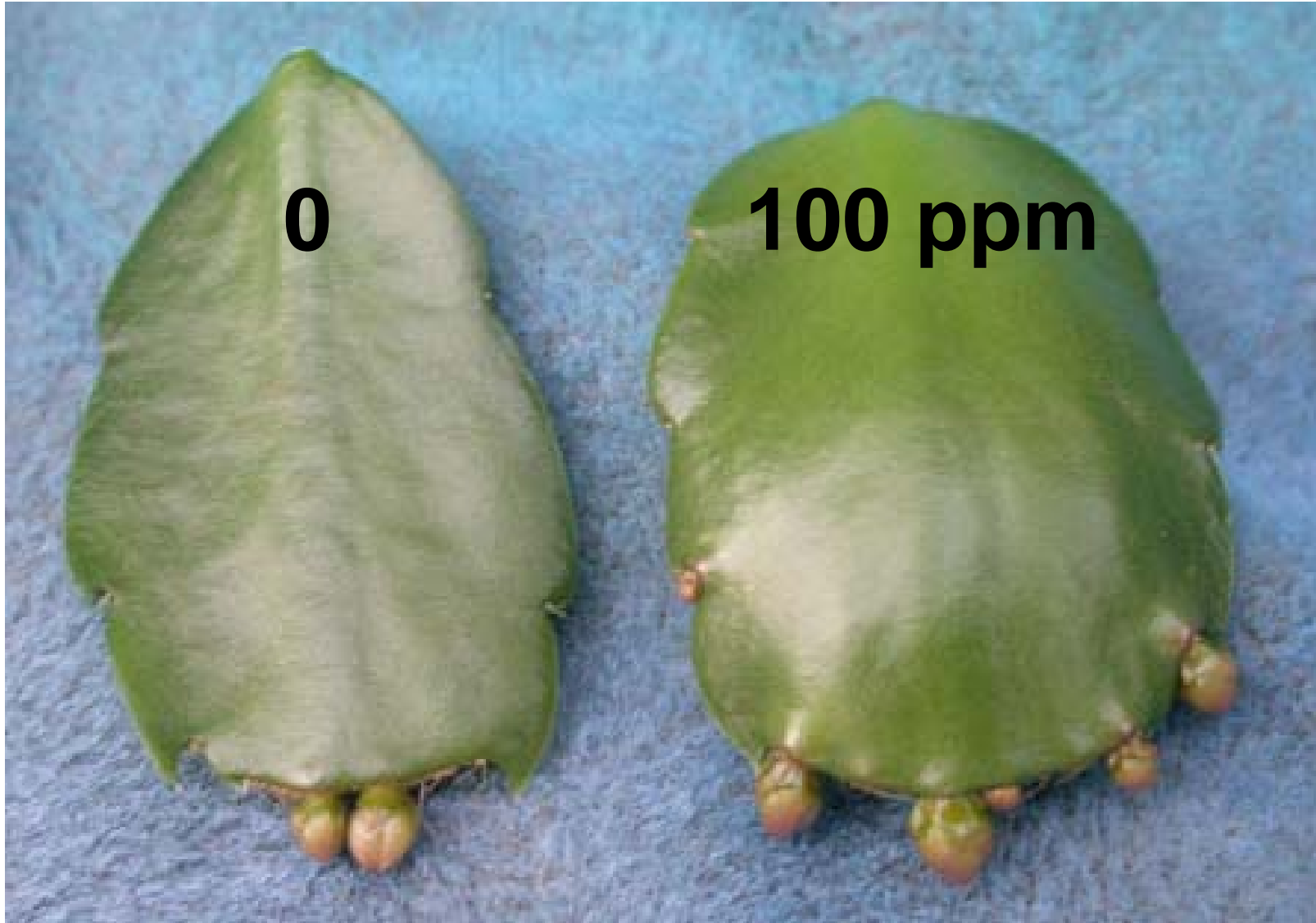
Non-replicated study, n=1.



Conclusions

- Configure concentrations of ≥ 100 ppm improved the number of buds per phylloclade.

Christmas Cactus: Configure Sprays



Increase flower buds

Christmas Cactus: Configure Sprays

Increases flower buds



0



200 ppm

Christmas Cactus: Configure Sprays



Increase branching



Overall Thoughts

- The use of Configure will improve the flower power of Christmas cacti.
- In addition, early sprays of Configure can have a positive effect on branching.

-End-