



Cytoplant-400

Physioactivator of vegetable origin

Apply Cytoplant 400 to

Improve specific stages of growth:

- To promote formation of new basals apply directed lower third in pre-pruning.
- To promote additional shoots, apply when sprouting starts.
- To obtain greater lengthening of the shoot, during its development.
- To extend the life of cut flowers, treat a few days before cutting.

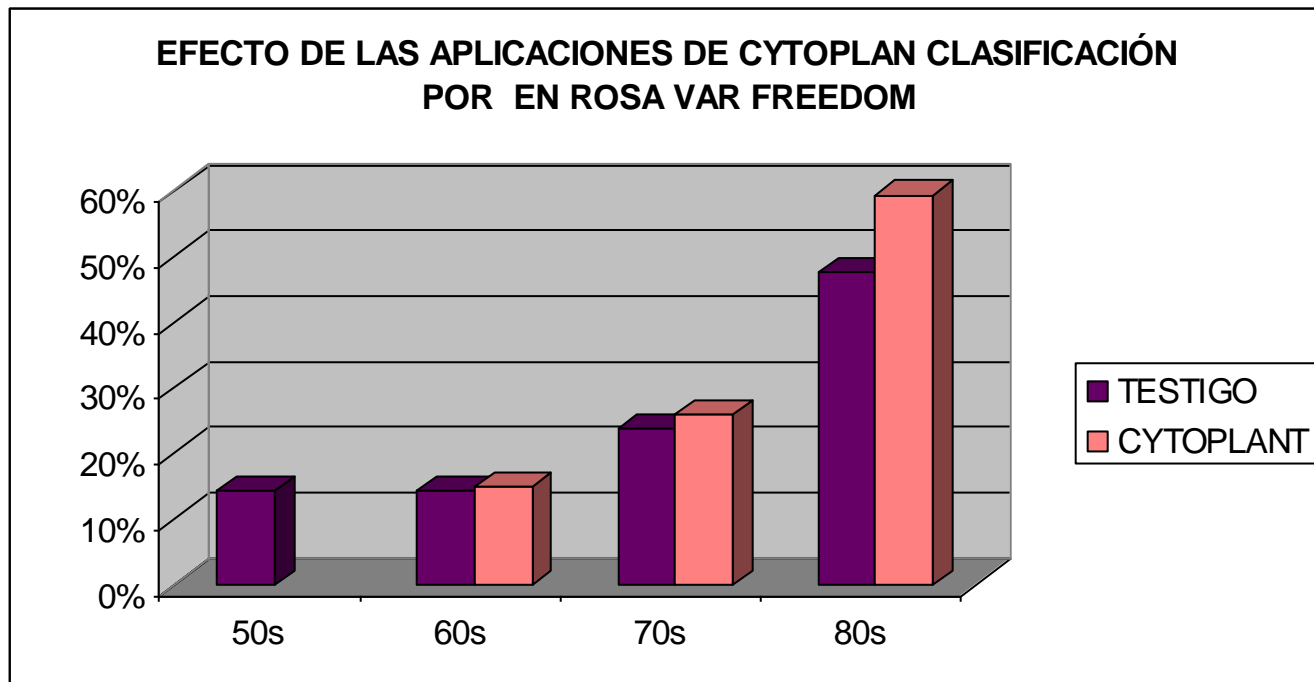
Cytoplant 400 Test

on the La Conchita estate (Bojacá)

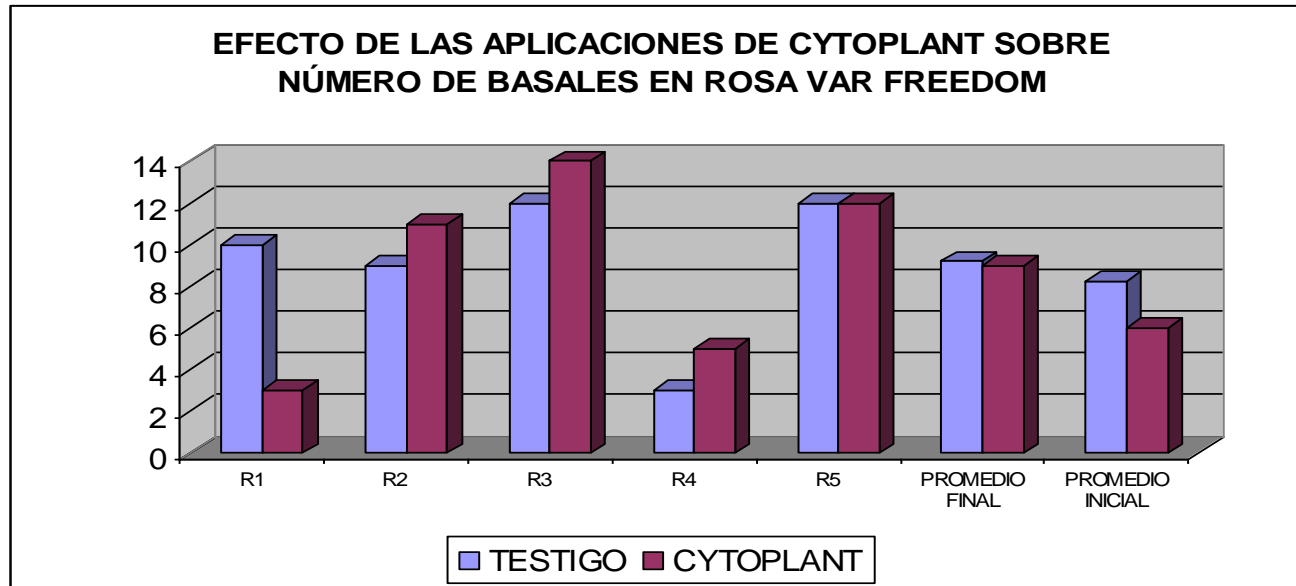
- 4 pilot beds were marked for treatment, control and treated.
- At the beginning and end of the test the no. of new basals per bed were counted.
- 10 stems per bed were marked for control of sprouting, length and classification in room.
- 10 cuttings were taken per pilot bed for counting of non-productive or blind buds.

Results Cytoplant 400 Test on the La Conchita estate (Bojacá)

- In quality 80s, 59 % of the stems produced with 11 % more than the control.
- In 70s and 80s, 85 % of the production with 14 % more than the control.
- There are no stems of quality 50s, where the control had 10 % of the production.

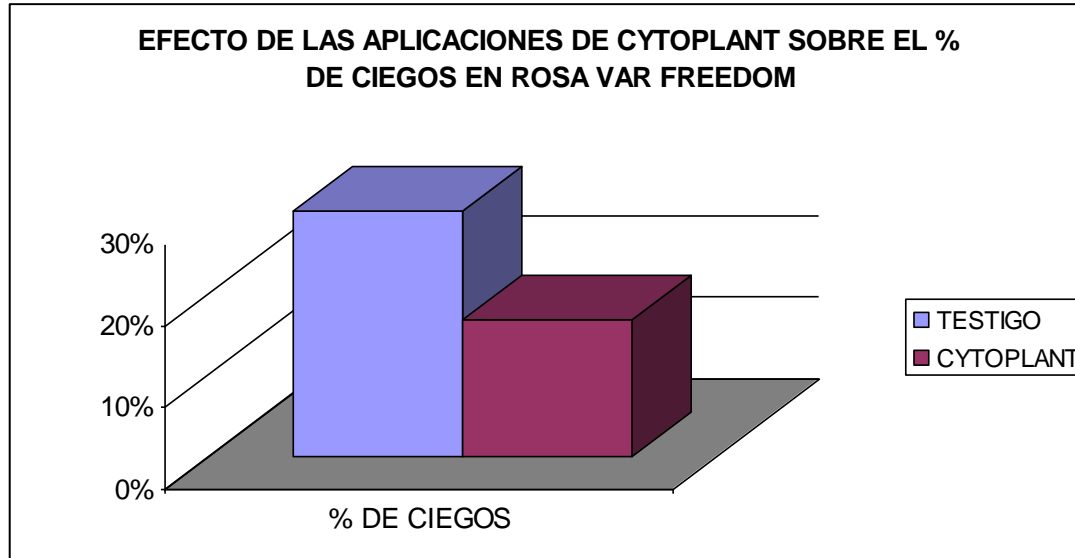


No. of Basals Cytoplant 400 Test on the La Conchita estate (Bojacá)



- In the average no. of new basals at the end of the treatment there were no differences, but taking into account the initial values, the beds treated with Cytoplant 400 were equal to the control shoots.
- The average increase in Cytoplant 400 was 50 % compared to the control which was 12 %.

No. of Blind Shoots Cytoplant 400 Test on the La Conchita estate (Bojacá)



- A smaller percentage of blind buds is observed in the beds treated with Cytoplant 400, 17 % as compared to 30 % of blind buds in the control.
- The high percentage of blind buds, in general, may be due to the type of cutting made in the test beds.

Conclusions of the Cytoplant 400 Test on the La Conchita estate (Bojacá)

- The application of Cytoplant400 shows a positive effect on the variables evaluated, principally on the length of the stem and quality of the flower, in the increase of the number of basals and in the decrease of the number of blind shoots.
- The improvement in the length of the stems represents an increase in the uses on the qualities 70s and 80s having a better price than the lower qualities.
- Cytoplant400 is recommended to improve lengths, not only in short varieties, but in the improvement of percentages in stems of quality also implies an improvement of the returns for better prices.

STIMULATION OF BASALS TRIAL

CYTOPLANT 400 + NATURAMIN-WSP



STIMULATION OF BASALS

- **OBJECTIVE:**
 - Evaluation and determination of the response of rose cultivation to the application of cytokinins and amino acids, for basals stimulation.
- **PLACES:**
 - Florycampo
 - Florpaxi
 - Mmystic flowers

STIMULATION OF BASALS

DOSES:

- NATURAMIN WSP: 0,5 g/l
- CYTOPLANT 400: 0,5 cc/l

APPLICATIONS: 3

FREQUENCY: Every 15 days

LITRES PER HECTARE: 2000 l.

APPLICATION: Foliar, lower third

TREATMENTS:

- T0: Control
- T1: Naturamin WSP + Cytoplant 400

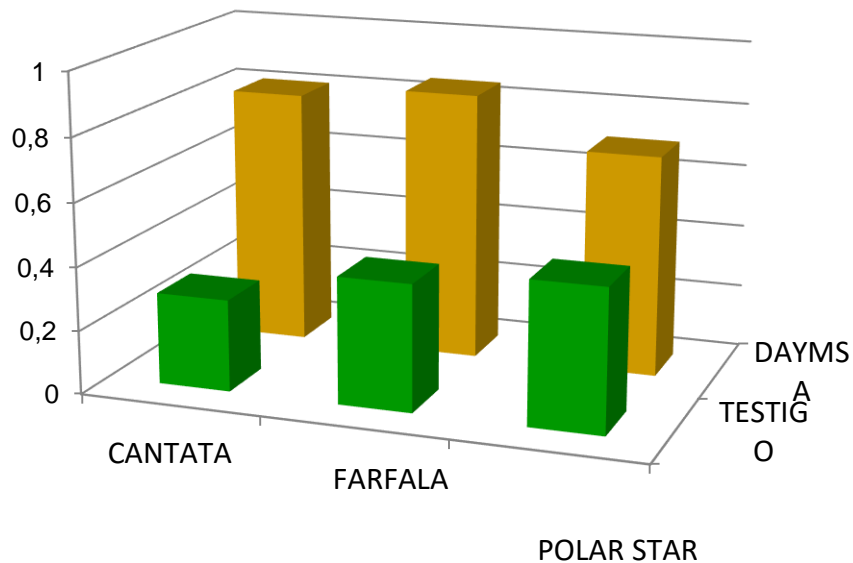
STIMULATION OF BASALS

- **VARIETIES:**
 - Farfala
 - Cantata
 - Polar Star
- **PARAMETERS TO EVALUATE:**
 - Number of basals per plant
- **METHODOLOGY TO EVALUATE**
 - Initial marking of plants without basals
 - Counting of basals per plant at the end of the test

STIMULATION OF BASALS

RESULTS

VARIETY	Treatment	BASAL RATE	% INCREASE
CANTATA	T0	0,29	179%
	T1	0,81	
FARFALA	T0	0,4	113%
	T1	0,85	
POLAR STAR	T0	0,45	56%
	T1	0,7	



INCREASE IN SIZE OF STEMS AND REDUCTION OF BLIND SHOOTS

NATURAMIN WSP + CYTOPLANT 400



- **OBJECTIVE:**

- Evaluate the response of the rose crop subjected to thermal stress, to the foliar application of cytokinins and amino acids.

- Improve the length of stems.
- Reduction of blind shoots.

- **PLACES:**

- Florycampo
- Floreloy

DOSE:

- NATURAMIN WSP: 0,5 g/l
- CYTOPLANT 400: 0,5 cc/l

APPLICATIONS: 3 - 4

FREQUENCY: Every 15 days

LITRES PER HECTARE: 2000 l.

APPLICATION: Foliar

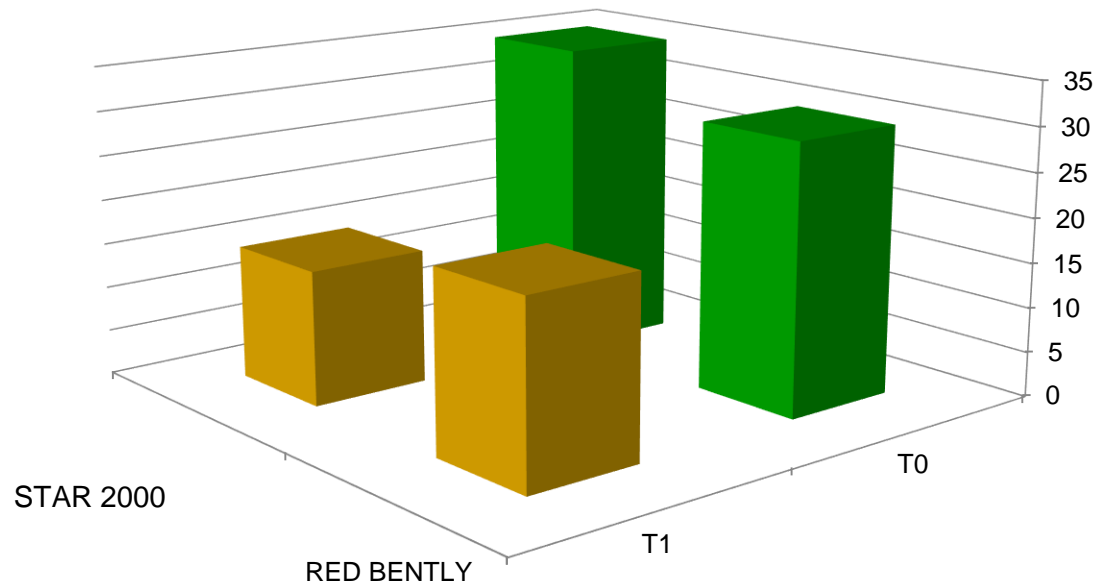
TREATMENTS:

- T0: Control
- T1: Naturamin WSP + Cytoplant 400

- **VARIETIES:**
 - Red bentley
 - Star 2000
- **PARAMETERS TO EVALUATE:**
 - Number of blind shoots
 - Average length stems
- **METHODOLOGY TO EVALUATE**
 - Initial marking of sprouts of less than 10 cm (# 20)
 - Counting of blind shoots
 - Measuring of stems marked to harvest

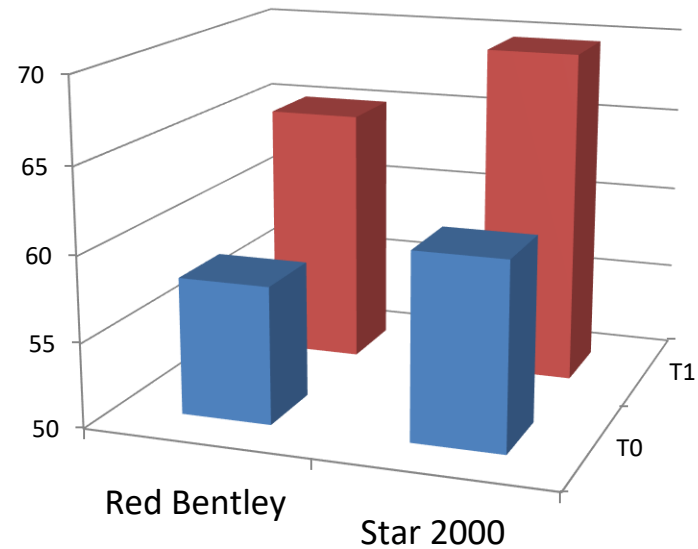
RESULTS NUMBER OF BLIND SHOTS

	Red Bentley	Star 2000
	-----%-----	
T0	30	35
T1	20	15



RESULTS: LENGTH OF STEMS (cm)

	Red Bentley	Star 2000
	.-----cm-----	
T0	58,1	61,05
T1	65,9	66,65
Increase	88%	92%



TEST RESULTS

GRUPO SUNSHINE FINCA EL JARDIN



- Managers
- CAROLINA PRADA - SUNSHINE
- LUCIA LOTERO – AGRIANDES

NATURAMIN WSP + CYTOPLANT 400

- Var. Konfetty - Bl. 3 - Background



NATURAMIN WSP + CYTOPLANT 400

- 4 applications: full beds– longer stems - foliage ?



NATURAMIN WSP + CYTOPLANT 400

- 6 applications: Color of the Bud, foliage, More stems and Long



NATURAMIN WSP + CYTOPLANT 400

- 8 applications: Foliage!! Quality !!



NATURAMIN WSP + CYTOPLANT 400



PRODUCTION

- Konfetty Bl. 3

WEEK	FL./PL.
26	1.71
27	1.34
28	1.49
29	1.81
30	1.55
31	1.46
32	2.18
33	2.35
34	2.36
35	2.02
36	1.59

- Konfetty Bl. 7

WEEK	FL./PL.
26	1.08
27	1.06
28	1.22
29	1.41
30	1.53
31	1.07
32	1.18
33	1.32
34	1.22
35	1.80
36	1.73

Diff.
0.63
0.28
0.27
0.40
0,02
0.39
1.00
1.03
1.14
0.22
-0.14

RESULTS APPLICATIONS FINCA VALLEY FARMS

Naturamin WSP + Cytoplant 400



DOSES:

- NATURAMIN WSP: 0.5 g/l
- CYTOPLANT 400: 0.5 cc/l

APPLICATIONS: 3

FREQUENCY: EVERY 15 DAYS

LITRES PER HECTARE: 1,200 l.

APPLICATION: FOLIAR









NATURAMIN WSP + CYTOPLANT 400

- RECOMMENDATIONS OF HANDLING
 - Post-pruning: 4 applications
 - 0.5 - 1 gr/L + 0.5 - 1 cc/L
 - Continuous production:
Minimum interval 2 weeks
 - 0.5 gr./L + 0.25 cc/L

Cytoplant[®] 400

Enhances the yield and quality of your flowers and fruits



Daymsa[®]

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THANK YOU