

OBJECTIVE

To test Maxifruit effect on fruit set of fresh fruit citrus. Study done in Valencia Oranges and Early Pride Tangerines varieties.

Site Location:
Avon Park, Florida

Researchers:
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KEY FINDINGS

- ✓ Significant fruit set on both varieties
- ✓ Significant effect on ROI (details on back page)
- ✓ **+30.3%** Valencia Oranges
- ✓ **+43.2%** Early Pride Tangerines

TIMAC AGRO PRODUCT



STUDY DESIGN

Each variety had two rows where 20 designated trees were treated and untreated. All applications were drenched to duplicate a fertigation application. 3 applications, 25 days apart starting in March and continued to early May. Fruit set counts were done in late June.

APPLICATION

Product	Application Rate	Timing
Untreated	0 lbs/ac	
Maxifruit	1 qt/ac	3 Applications, 25 days apart at bloom

DISCUSSION

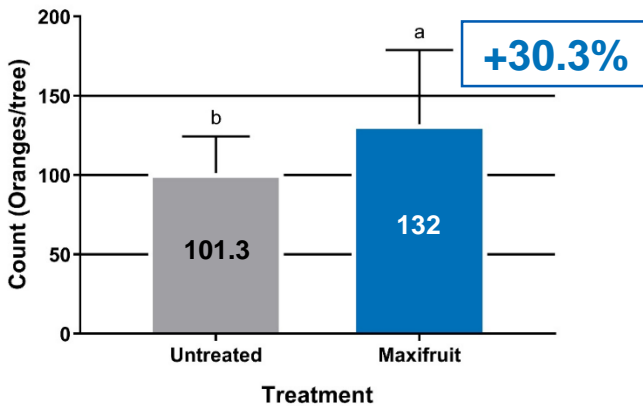
Fresh Fruit Valencias and Early Pride Tangerines were tested by designating prior to bloom on healthy 3 year trees which total fruit per tree can be counted and of age where fruit set is more even.

Maxifruit can be foliar applied or fertigated through microjet Irrigation. Fertigation application can treat many blocks in a single day at critical time of bloom. 3 applications recommended. Minimum is 2 applications.

RESULTS

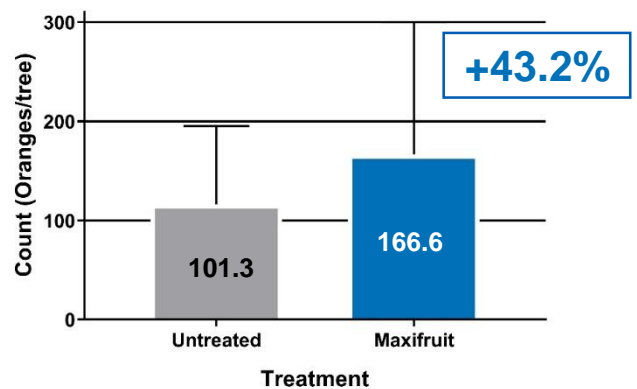
Valencia Oranges

Average Number of Oranges



Early Pride Tangerines

Average Number of Oranges



RETURN ON INVESTMENT

Block	Variety / Rootstock	Treatment	Avg Fruit / Tree	Possible Fruit Size	Bx / Ac	Estimated Fresh \$ Return / Bx Less Harvesting	Tree Count	Total Return / Ac	MSRP of Maxifruit 3apps = 3qts	Net Return Less Cost	Increase Net Return / Ac	Net ROI Maxifruit
B-4	Valencia / 942 3 year olds Planted April 2016	Maxifruit	132	240 piece / box	0.550	\$14 / Box	180 / Ac	\$1,386.00	\$65.97	\$1,320.03	\$256.59	389%
		Controls	101.3	240 piece / box	0.422	\$14 / Box	180 / Ac	\$1,063.44		\$1,063.44		
		Maxifruit	132	220 piece / box	0.600	\$14 / Box	180 / Ac	\$1,512.00	\$65.97	\$1,446.03	\$286.83	435%
		Controls	101.3	220 piece / box	0.460	\$14 / Box	180 / Ac	\$1,159.20		\$1,159.20		
C-5	Early Pride / 942 3 year olds Planted April 2016	Maxifruit	166.6	340 piece / box	0.490	\$22 / Box	180 / Ac	\$1,940.40	\$65.97	\$1,874.43	\$520.11	788%
		Controls	116.3	340 piece / box	0.342	\$22 / Box	180 / Ac	\$1,354.32		\$1,354.32		
		Maxifruit	166.6	320 piece / box	0.521	\$22 / Box	180 / Ac	\$2,063.16	\$65.97	\$1,997.19	\$559.71	848%
		Controls	116.3	320 piece / box	0.363	\$22 / Box	180 / Ac	\$1,437.48		\$1,437.48		

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