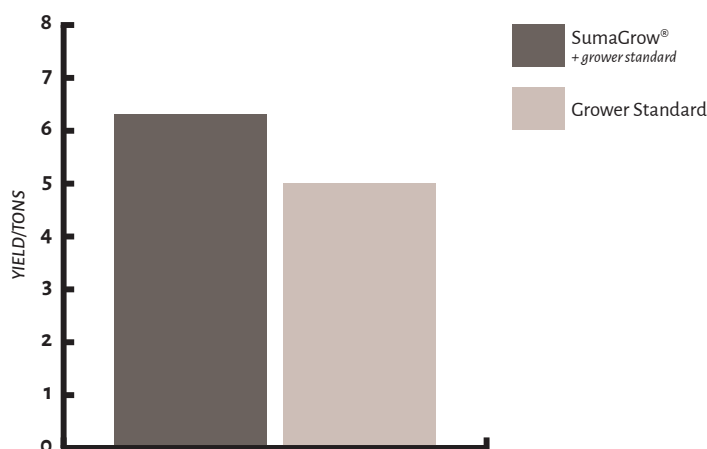




CUCUMBERS - BULGARIA

Research on the effect of products containing SumaGrow® on cucumbers in Bulgaria

RESULTS		
Treatment:	SumaGrow® <i>+ grower standard</i>	Grower Standard
Yield	6.3 tons	5 tons
Increase	+ 20.6%	



CONCLUSION:

This greenhouse trial was conducted in Bulgaria on aG 23421 F1 hybrid cucumbers. The trial was conducted to determine the efficacy of using products containing SumaGrow® for field and greenhouse production in cucumbers.

The trial data indicated a 20.6 percent increase in yield for SumaGrow® treated cucumbers with accompanying increases in leaf mass which relates to more photosynthetic area for the plant. It was also noted that the SumaGrow® treated plants fruited an additional 14 days longer than the Grower Standard treated plants.

PRIMARY POINTS:

- Crop:** aG 23421 F1 hybrid medium cucumbers
- Location:** Bulgaria
- Trial Date:** 2014
- Layout:** 300 square meter

TREATMENT SCHEDULE:

SumaGrow®: 3 oz/gal. seedling root dip with remaining solution poured on top of seedlings. One month later the final treatment of SumaGrow® was added at 16 oz/gal.

Grower Standard: Standard NPK fertilization used with pre-plant fertilization and via drip irrigation every 4-5 days during growth.

