

***Intro***

In the spring of 2009 Plant XL™ and other products were tested at Beverly Greenhouses to conduct a profitability and production analysis.

Two trials were conducted; the first trial was conducted from the first week of January to the end of March. The second trial was conducted from the First week of April to the end of July.



***Size***

The size of the first trial measured 3x2 acres. The trial was designed to demonstrate the economic advantages between the various products. Two acres of Plant XL™, 2 acres of a competitor and 4 acres as a Control.

The second trial measured 4 acres of Plant XL™ and 4 acres of a Control.

***Method***

In each trial the same variety of cucumbers (Kasje/Addison) was administered product at the recommended rate by manufacturer. Each trial was grown in the same way, this included irrigation strategies and pest management controls. Calculations on crop productivity were done during harvesting using a PrivaAssist® system. Outside rows that could have had a growing advantage were omitted from trial counts.

***Results***

**Trial 1A**

Plant XL™	27.6 cucs/sq m
<u>Control</u>	<u>25.7 cucs/sq m</u>
Difference	1.9 cucs/sq m or 7.39%

**Trial 1B**

Competitor	27.1cucs/sq m
<u>Control</u>	<u>26.5cucs/sq m</u>
Difference	0.6cucs/sq m or 2.3%



**Trial 2**

Plant XL™	52.21 cucs/sq m
<u>Competitor</u>	<u>50.97 cucs/sq m</u>
Difference	1.24 cucs/sq m or 2.4%

***Discussion***

In Trial 2 some advantage was given to Control as the Control also had small amounts of Plant XL™ mixed in the nutrient mix. This may have skewed the results to a small degree.

