



Summary pear pilot Conference

Growing season 2021

FruitConsult has conducted a field test at the Randwijk experimental orchard, treating Conference pears with the First-Tree plant growth regulator Good for Greens®.

Treatments

Twelve clusters of 8 trees were selected from two rows covered with nets, 6 for treatment with Good for Greens and 6 standard. Treated and standard plots were alternated. The treated plots were treated 4 times with the Good for Greens® plant growth regulator.

Result

The pears were harvested and weighed on 20 September. Subsequently, the pears were sorted into categories using a sorting machine. The pear fractions within the most desired size range 65 – 75 were determined. Furthermore Brix, starch and firmness were determined in pear samples.

Table 1 Harvest results Conference pears

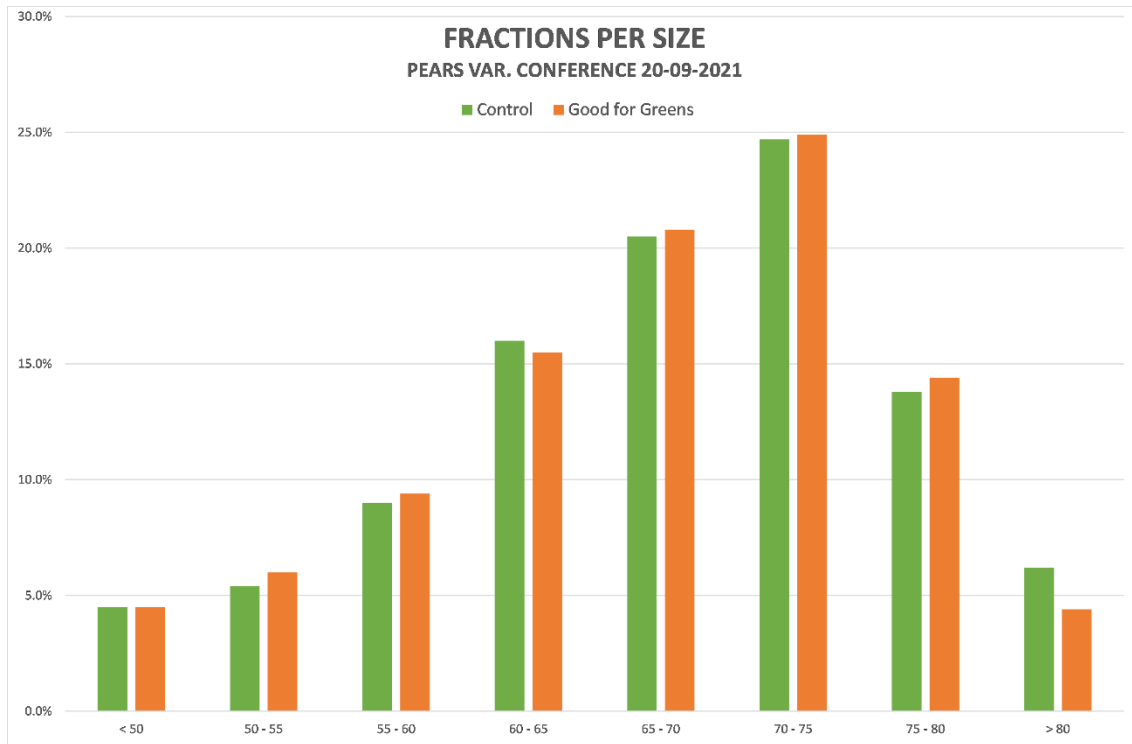
Good for Greens	Control
Average weight per tree	
19.8	18.9
4.9%	Difference
Average fruit number per tree	
91.5	84.9
7.7%	Difference
Average fruit weight	
216.6	222.5
Average tonnes per hectare	
61.4	58.6
2.9	Difference
Pear fraction in size 65-75	
45.7%	45.2%



Table 2 Analysis Conference pears

	Brix	Starch	Firmness
Good for Greens	12.2	8.3	6.36
Control	12	8.2	6.35

Fig. 1 Results of sorting Conference pears



Conclusion

Treatment with the Good for Greens[®] plant growth regulator provides a 2.5 – 3t/ha higher yield of Conference pears. The trends for Brix and starch are positive in pears treated with Good for Greens[®] and so is the trend for fruits within the size range 65 – 75.