



## Root development in Onions

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1. Evaluation of the root development in onions when a high auxin growth stimulant is applied compared to a standard fertilizer program.
2. A centre pivot field with Semal 2 Onions was divided into two halves of approximately 6 hectares with one half being treated with a high Auxin growth stimulant from Nutrico and the other half treated as standard practice. The trial commenced in June 2016 in the sandy Waterberg district in Limpopo.
3. What were the treatments?

Standard Practice	Algae Roota Onion Trial		
	Growth Stage	Dosage	Yield (Bags)
	Week 5	None	4748
Week 6	None		
Roota	Algae Roota Onion Trial		
	Growth Stage	Dosage	Yield (Bags)
	Week 5	50 ml	5200
Week 6	50 ml		

#### 4. Results

##### Algae Roota Onion Trial

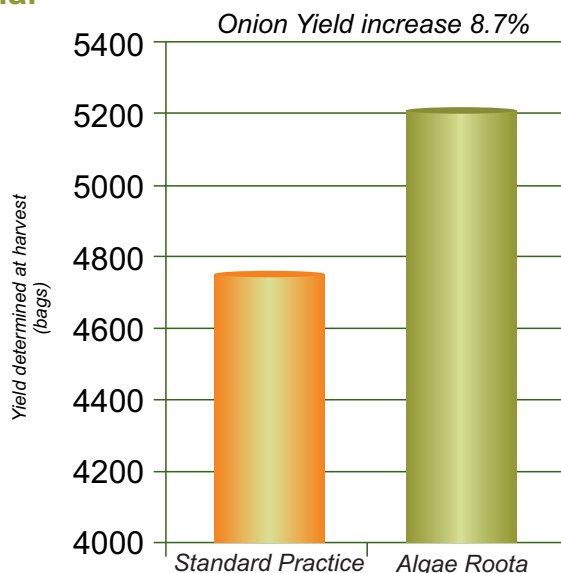




Photo taken on week 6 after emergence.

## 5. Summary

A yield increase of 8.7% was observed where Nutrico's growth stimulant consisting of patented technology, was applied compared to the control. The treated onions had a much better developed root system which enabled the crop to absorb more water and nutrients resulting in a higher yield.