

## MOS NEMA/MOS NBALANCE TRIALS

### MOS NEMA TRIALS ON APPLES

During 2016 trials were initiated at a Cape Span farm.

Pratylenchus nematodes are the biggest problem.

Two treatments were applied 20l/ha Mos Nema and 12 kg/ha Fulvic Acid(72%). The first in September and then again in December 2016.

The control treatment was the standard chemical treatment used on apples, also two applications **Nema trials at Villiersdorp, Western Cape**.

Samples were taken in December 2016 and March 2017

Counts were done in 250 cc soil and 10 g roots

	Free living nematodes	Pratylenchus
<b>December samples</b>		
Control soil	6430	820
Contol roots	1760	240
Mos soil	2420	1000
Mos roots	380	320
<b>March samples</b>		
Control soil	2960	3080
Control roots	260	160
Mos soil	8200	300
Mos roots	560	120

The trials were repeated in 2017/2018 season.

Photos of the roots were taken in April when samples were taken for evaluation.



Roots of the control: no treatment



Roots of the chemical treatment





Roots of the Mos biological treatment



## 2017/2018 RESULTS

### SAMPLES TAKEN IN MAY 2018

	MOS program	Chemical	Control
Free living	3000	1280	1010
Dagger	0	30	10
Pratylenchus	780	880	1800

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