



MOS NEMA/MOS NBALANCE TRIALS

MOS NEMA TRIALS ON APPELS

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
December samples		
Control soil	6430	820
Contol roots	1760	240
Mos soil	2420	1000
Mos roots	380	320
March samples		
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

C.F. v.d. Westhuizen(MSc. Agric) Pri.Sci.Nat