

MOS NEMA/MOS NBALANCE TRIALS

Ngonini Estate Banana nematode suppressant trials

1. Soil's tested for nematodes in block 3A June 2004 ;
2. Application of MOS.Nema (25 lt/ha) was applied August 2004 ;
3. Only one application of MOS.Nema was done ;
4. Soils were re-sampled in November 2004 , April 2005 and October 2006 (see table information) ;
5. Soils and roots were tested by ARC Nelspruit.

Sample Date	Nematode sp.	No. per 250ml Soil	No. per 30 g roots
04/06/2004	Lesion Nematode	1100	13 600
	Spiral Nematode	0	800
	Radopholus	300	-
09/11/2004	Lesion Nematode	450	1350
	Spiral Nematode	-	-
	Radopholus	-	-
14/04/2005	Lesion Nematode	500	-
	Spiral Nematode	-	-
	Radopholus	-	-
13/10/2006	Lesion Nematode	-	-
	Spiral Nematode	100	264
	Root knot Eggs	300	1676

Report on Table

1. After one application Lesion nematode (Serious for Banana) are less than before application ;
2. 6 Month's after application Lesion Nematode increased from 450 to 500 in soil ;
3. In sample for October 2006 we see Spiral nematode and Root knot eggs ;
4. We suggest to do yearly applications to avoid problems of nematode recurring(Prevention application yearly)