Table S1. Nematode genera recorded in this study along with their cp categorization and their feeding type.

Genus	C-p class	Feeding type
Bitylenchus	3	Herbivore - ectoparasite
Meloidogyne	3	Herbivore - sedentary parasite
Paratylenchus	2	Herbivore - ectoparasite
Pratylenchus	3	Herbivore - migratory endoparasite
Quinisulcius	3	Herbivore - ectoparasite
Tylenchus	2	Herbivore - epidermal/root hair feeder
Aphelenchoides	2	Fungivore
Aphelenchus	2	Fungivore
Ditylenchus	2	Fungivore
Acrobeles	2	Bacterivore
Acrobeloides	2	Bacterivore
Chiloplacus	2	Bacterivore
Diploscapter	1	Bacterivore
Drilocephalobus	2	Bacterivore
Heterocephalobus	2	Bacterivore
Mesorhabditis	1	Bacterivore
Panagrolaimus	1	Bacterivore
Plectus	2	Bacterivore
Rhabditis	1	Bacterivore
Aporcelaimellus	5	Omnivore
Thonus	4	Omnivore
Mesodorylaimus	4	Omnivore
Pungentus	4	Omnivore

Table S2 (a,b). Mean values (±st. error) of Shannon and Simpson indices for every treatment (Ctrl: control; Ox: Oxamyl; Fur: Furfural and MWE: *M. azedarach* water extract) and results of ANOVA at (a) 3 days after last application (3 DAA) and (b) 34 days after last application (34 DAA). Different letters indicate significant differences among treatments based on Fisher's LSD post hoc test (*: p-value < 0.05; **: p-value < 0.01; ***: p-value < 0,001). For each treatment, n=5.

	Time	Treatment	Shannon	Simpson
a)	**3DAA**	Ctrl	1.76±0.16ab	0.76±0.03a
		Ox	1.41±0.16c	0.62±0.02c
		Fur	1.68±0.07b	0.69±0.04b
		MWE	1.83±0.05a	0.77±0.02a
		p-value	**	*

	Time	Treatment	Shannon	Simpson
b)	**34DAA**	Ctrl	1.67±0.04b	0.73±0.01b
		Ox	1.49±0.11c	0.68±0.04c
		Fur	1.70±0.16b	0.73±0.06b
		MWE	2.13±0.04a	0.85±0.01a
		p-value	***	**