SUPPLEMENTARY DATA
Banora, M. J., Voisin, R., Chung Nguyen, V., Portier, U., Bernabo, C., Van Ghelder, C., Das Dores Lafargue, M., Tandonnet, J. -P., Demangeat, G., Ollat, N., & Esmenjaud, D. (2022). *Xiphinema index*-resistant grapevine materials derived from muscadine are also resistant to a population of *X. diversicaudatum*. *OENO One, 56*(4).
https://doi.org/10.20870/oeno-one.2022.56.4.5489

Supplemental Material

SUPPLEMENTAL TABLE 1. Numbers of *X. diversicaudatum* on different plant species under glasshouse conditions. Numbers are given per liter of soil after 3 years.

Host plant	
Rose (*Rosa indica* cv. Major)	74.1
Plum R (*Prunus cerasifera*)*	868.6
Plum S (*P. cerasifera*)*	696.3
Grapevine (*Vitis rupestris* cv. du Lot)	4.5

*Plum accessions carrying (R) or lacking (S) the *Ma* gene.

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SUPPLEMENTAL TABLE 2. Synthesis of ANOVA data obtained for the criterion RF (reproduction factor) for the two factors 'nematode' and 'accession'.

A- Synthesis

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Model	4	129.7	32.4	11.108	< 0.0001
Error	41	119.7	2.9		
Total	45	249.4			

B- Analysis of Type I Sum of Squares

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Nematode	1	27.9	27.9	9.556	0.004
Accession	3	101.8	33.9	11.625	0.000

C- Effect of the two factors

Modality		Estimated means	Groups	
Accession	CS	3.801	A	
	Rip10128	0.526		B
	NAB	0.494		B
	8771	0.259		B
Nematode	*X. index*	2.156	A	
	X. diversicaudatum	0.646		B

SUPPLEMENTARY DATA
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SUPPLEMENTAL TABLE 3. Synthesis of ANOVA data obtained for the criterion Number/g (nematode number per gram of roots) for the two factors 'nematode' and 'accession'.

A- Synthesis

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Model	4	121758.536	30439.634	8.100	< 0.0001
Error	41	154069.166	3757.785		
Total	45	275827.702			

B- Analysis of Type I Sum of Squares

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Nematode	1	43810.876	43810.876	11.659	0.001
Accession	3	77947.660	25982.553	6.914	0.001

C- Effect of the two factors

Modality		Estimated mean	Groups	
Accession	CS	111.7	A	
	Rip10128	29.1		B
	NAB	22.2		B
	8771	8.7		B
Nematode	*X. index*	78.1	A	
	X. diversicaudatum	17.0		B

SUPPLEMENTARY DATA
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SUPPLEMENTAL TABLE 4. Synthesis of ANOVA data obtained for the criterion RF (reproduction factor) and Number/g (number per gram of roots) in the species *X. diversicaudatum.*

A- Reproduction factor (RF)

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Model	3	7.127	2.376	7.834	0.001
Error	22	6.671	0.303		
Total	25	13.798			

Modality	Estimated mean	Groups	
CS	1.491	A	
NAB	0.463		B
Rip10128	0.363		B
8771	0.185		B

B- Number per gram of roots (Number/g)

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Model	3	2711.355	903.785	4.096	0.019
Error	22	4854.514	220.660		
Total	25	7565.869			

Modality	Estimated mean	Groups	
CS	31.296	A	
NAB	19.198	A	B
Rip10128	11.581		B
8771	4.463		B

SUPPLEMENTARY DATA
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SUPPLEMENTAL TABLE 5. Synthesis of ANOVA data obtained for the criterion RF (reproduction factor) and Number/g (number per gram of roots) in the species *X. index*.

A- Reproduction factor (RF)

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Model	3	158.870	52.957	16.620	< 0.0001
Error	16	50.980	3.186		
Total	19	209.851			

Modality	Estimated mean	Groups	
CS	7.033	A	
Rip10128	0.688		B
NAB	0.539		B
8771	0.363		B

B- Number per gram of roots (Number/g)

Source	DOF	Sum of squares	Mean of squares	F	Pr > F
Model	3	145449.797	48483.266	9.614	0.001
Error	16	80691.895	5043.243		
Total	19	226141.693			

Modality	Estimated mean	Groups	
CS	224.430	A	
Rip10128	46.699		B
NAB	26.517		B
8771	14.612		B