

M. Dafny-Yelin, J.C. Kohavi-Moy, T. Zahavi, S. Dor, A. Hill, S. Kfir (2024). Deciduous fruit trees and grapevines as alternative crops in *Demathophora necatrix* (syn. *Rosellinia necatrix*) infested soils. *Phytopathologia Mediterranea* 63(1): 259–268. doi: 10.36253/phyto-15307

Figure S1. Metula grapevine plot.

legend:

1	Grapevine	101/14 MGT
2	Grapevine	SO4
3	Grapevine	1103 Paulsen
4	Grapevine	140 Ruggeri
5	Grapevine	110 Richter

row	tree no.	rootstock	block
1	146	SO4	1
1	147	SO4	1
1	148	SO4	1
1	149	SO4	1
1	150	SO4	1
1		
1	161	110 Richter	1
1	162	110 Richter	1
1	163	110 Richter	1
1	164	110 Richter	1
1	165	110 Richter	1
1	...		
1	171	140 Ruggeri	1
1	172	140 Ruggeri	1
1	173	140 Ruggeri	1
1	174	140 Ruggeri	1
1	175	140 Ruggeri	1
1	176	101/14 MGT	1
1	177	101/14 MGT	1
1	178	101/14 MGT	1
1	179	101/14 MGT	1
1	180	101/14 MGT	1
1	181	1103 Paulsen	1
1	182	1103 Paulsen	1
1	183	1103 Paulsen	1
1	184	1103 Paulsen	1
1	185	1103 Paulsen	1
1	...		
1	191	110 Richter	2
1	192	110 Richter	2
1	193	110 Richter	2
1	194	110 Richter	2
1	195	110 Richter	2
1	196	1103 Paulsen	2

row	tree no.	rootstock	block
1	197	1103 Paulsen	2
1	198	1103 Paulsen	2
1	199	1103 Paulsen	2
1	200	1103 Paulsen	2
1	201	101/14 MGT	2
1	202	101/14 MGT	2
1	203	101/14 MGT	2
1	204	101/14 MGT	2
1	205	101/14 MGT	2
1	206	SO4	2
1	207	SO4	2
1	208	SO4	2
1	209	SO4	2
1	210	SO4	2
1	...		
1	231	140 Ruggeri	2
1	232	140 Ruggeri	2
1	233	140 Ruggeri	2
1	234	140 Ruggeri	2
1	235	140 Ruggeri	2
1	236	SO4	3
1	237	SO4	3
1	238	SO4	3
1	239	SO4	3
1	240	SO4	3
1	...		
1	251	140 Ruggeri	3
1	252	140 Ruggeri	3
1	253	140 Ruggeri	3
1	254	140 Ruggeri	3
1	255	140 Ruggeri	3
1	256	1103 Paulsen	3
1	257	1103 Paulsen	3
1	258	1103 Paulsen	3
1	259	1103 Paulsen	3
1	260	1103 Paulsen	3
1	...		
2	56	110 Richter	3
2	57	110 Richter	3
2	58	110 Richter	3

row	tree no.	rootstock	block
2	59	110 Richter	3
2	60	110 Richter	3
2	...		
3	6	110 Richter	4
3	7	110 Richter	4
3	8	110 Richter	4
3	9	110 Richter	4
3	10	110 Richter	4
3	11	101/14 MGT	4
3	12	101/14 MGT	4
3	13	101/14 MGT	4
3	14	101/14 MGT	4
3	15	101/14 MGT	4
3	...		
3	21	140 Ruggeri	4
3	22	141 Ruggeri	4
3	23	142 Ruggeri	4
3	24	143 Ruggeri	4
3	25	144 Ruggeri	4
3	26	SO4	4
3	27	SO4	4
3	28	SO4	4
3	29	SO4	4
3	30	SO4	4
3	31	1103 Paulsen	4
3	32	1103 Paulsen	4
3	33	1103 Paulsen	4
3	34	1103 Paulsen	4
3	35	1103 Paulsen	4
3	...		
3	41	1	
3	42	1	
3	43	1	
3	44	1	
3	45	1	
3	...		
3	61	1103 Paulsen	5
3	62	1104 Paulsen	5
3	63	1105 Paulsen	5
3	64	1106 Paulsen	5

row	tree no.	rootstock	block
3	65	1107 Paulsen	5
3	...		
3	81	110 Richter	5
3	82	111 Richter	5
3	83	112 Richter	5
3	84	113 Richter	5
3	85	114 Richter	5
3	86	140 Ruggeri	5
3	87	141 Ruggeri	5
3	88	142 Ruggeri	5
3	89	143 Ruggeri	5
3	90	144 Ruggeri	5
3	91	SO4	5
3	92	SO4	5
3	93	SO4	5
3	94	SO4	5
3	95	SO4	5
3	96	101/14 MGT	5
3	97	101/14 MGT	5
3	98	101/14 MGT	5
3	99	101/14 MGT	5
3	100	101/14 MGT	5
3	...		
3	106	110 Richter	6
3	107	110 Richter	6
3	108	110 Richter	6
3	109	110 Richter	6
3	110	110 Richter	6
3	111	140 Ruggeri	6
3	112	140 Ruggeri	6
3	113	140 Ruggeri	6
3	114	140 Ruggeri	6
3	115	140 Ruggeri	6
3	116	101/14 MGT	6
3	117	101/14 MGT	6
3	118	101/14 MGT	6
3	119	101/14 MGT	6
3	120	101/14 MGT	6
3	...		
3	126	SO4	6
3	127	SO4	6
3	128	SO4	6
3	129	SO4	6
3	130	SO4	6

row	tree no.	rootstock	block
3	...		
3	136	1103 Paulsen	6
3	137	1103 Paulsen	6
3	138	1103 Paulsen	6
3	139	1103 Paulsen	6
3	140	1103 Paulsen	6

Figure S2. Metula fruit trees plot.

legend:

GF-677 rootstock
Persimmon <i>D. lotus</i>
Apple-Hashabi rootstock
Persimmon - <i>D. virginiana</i>
Kiwi-Hayward
<i>Pistacia atlantica</i>

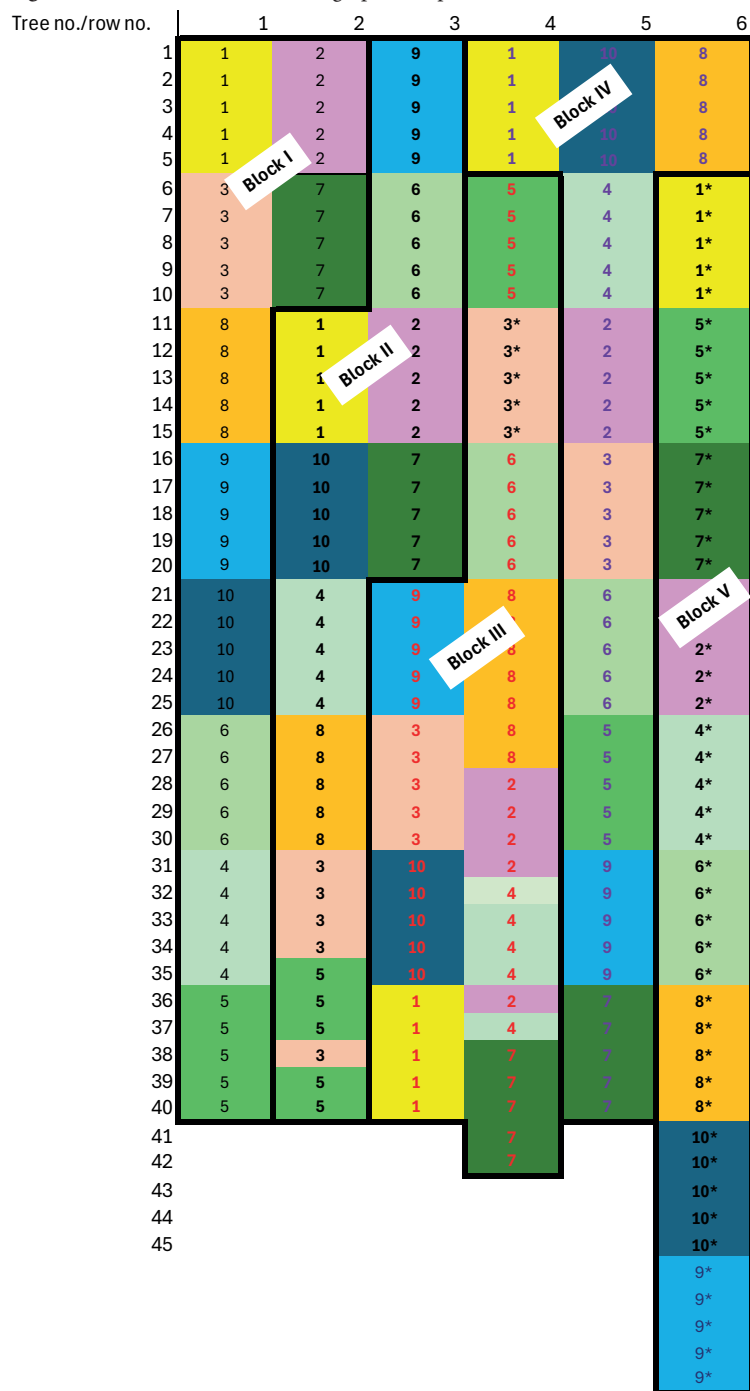
row	tree no	row 1	block
1	...		1
1	10	GF-677	1
1	11	GF-677	1
1	12	GF-677	1
1	13	GF-677	1
1	14	Persimmon <i>D. lotus</i>	1
1	15	Persimmon <i>D. lotus</i>	1
1	16	Persimmon <i>D. lotus</i>	1
1	17	Persimmon <i>D. lotus</i>	1
1	18	Persimmon <i>D. lotus</i>	1
1	19	Apple-Hashabi	1
1	20	Apple-Hashabi	1
1	21	Apple-Hashabi	1
1	22	Apple-Hashabi	1
1	23	Persimmon - <i>D. virginiana</i>	1
1	24	Persimmon - <i>D. virginiana</i>	1
1	25	Persimmon - <i>D. virginiana</i>	1
1	26	Persimmon - <i>D. virginiana</i>	1
1	27	Kiwi-Hayward	1
1	28	Kiwi-Hayward	1
1	29	Kiwi-Hayward	1
1	30	Kiwi-Hayward	1
1	...		1
1	35	<i>Pistacia atlantica</i>	1
1	36	<i>Pistacia atlantica</i>	1
1	37	<i>Pistacia atlantica</i>	1
1	38	<i>Pistacia atlantica</i>	1
1	39	<i>Pistacia atlantica</i>	1
2	40	Kiwi-Hayward	1
2	41	Kiwi-Hayward	1
2	42	Kiwi-Hayward	1
2	43	Kiwi-Hayward	1
2	44	Kiwi-Hayward	1
2	45	Apple-Hashabi	2
2	46	Apple-Hashabi	2
2	47	Apple-Hashabi	2
2	48	Apple-Hashabi	2
2	49	Apple-Hashabi	2
2	50	GF-677	2
2	51	GF-677	2
2	52	GF-677	2
2	53	GF-677	2
2	...		2
2	64	<i>Pistacia atlantica</i>	2
2	65	<i>Pistacia atlantica</i>	2

row	tree no	row 1	block
2	66	<i>Pistacia atlantica</i>	2
2	67	<i>Pistacia atlantica</i>	2
2	...		2
2	73	Persimmon - <i>D. virginiana</i>	2
2	74	Persimmon - <i>D. virginiana</i>	2
2	75	Persimmon - <i>D. virginiana</i>	2
2	76	Persimmon - <i>D. virginiana</i>	2
2	77	Persimmon <i>D. lotus</i>	2
2	78	Persimmon <i>D. lotus</i>	2
2	79	Persimmon <i>D. lotus</i>	2
2	80	Persimmon <i>D. lotus</i>	2
2	81	Persimmon <i>D. lotus</i>	2
2	82	Apple-Hashabi	3
2	83	Apple-Hashabi	3
2	84	Apple-Hashabi	3
2	85	Apple-Hashabi	3
2	86	Kiwi-Hayward	3
2	87	Kiwi-Hayward	3
2	88	Kiwi-Hayward	3
2	89	Kiwi-Hayward	3
2	90	Kiwi-Hayward	3
2	...		3
2	96	GF-677	3
2		GF-677	3
2		GF-677	3
2	97	GF-677	3
2	98	Persimmon <i>D. lotus</i>	3
2	99	Persimmon <i>D. lotus</i>	3
2	100	Persimmon <i>D. lotus</i>	3
2	101	Persimmon <i>D. lotus</i>	3
2	102	Persimmon <i>D. lotus</i>	3
2	...		3
2	108	<i>Pistacia atlantica</i>	3
2	109	<i>Pistacia atlantica</i>	3
2	110	<i>Pistacia atlantica</i>	3
2	111	<i>Pistacia atlantica</i>	3
2	112	<i>Pistacia atlantica</i>	3
2	...		3
2	118	Persimmon - <i>D. virginiana</i>	3
2	119	Persimmon - <i>D. virginiana</i>	3
2	120	Persimmon - <i>D. virginiana</i>	3
2	121	Persimmon - <i>D. virginiana</i>	3
2	122	Persimmon <i>D. lotus</i>	4
2	123	Persimmon <i>D. lotus</i>	4
2	124	Persimmon <i>D. lotus</i>	4
2	125	Persimmon <i>D. lotus</i>	4
2	126	Persimmon <i>D. lotus</i>	4
2	127	GF-677	4
2	128	GF-677	4
2	129	GF-677	4
2	130	GF-677	4
2	131	GF-677	4
2	...		4

row	tree no	row 1	block
2	147	Persimmon - <i>D. virginiana</i>	4
2	148	Persimmon - <i>D. virginiana</i>	4
2	149	Persimmon - <i>D. virginiana</i>	4
2	150	Persimmon - <i>D. virginiana</i>	4
2	151	<i>Pistacia atlantica</i>	4
2	152	<i>Pistacia atlantica</i>	4
2	153	<i>Pistacia atlantica</i>	4
2	154	<i>Pistacia atlantica</i>	4
2	155	<i>Pistacia atlantica</i>	4
2	156	Apple-Hashabi	4
2	157	Apple-Hashabi	4
2	158	Apple-Hashabi	4
2	159	Apple-Hashabi	4
2	160	Apple-Hashabi	4
2	161	Kiwi-Hayward	4
2	162	Kiwi-Hayward	4
2	163	Kiwi-Hayward	4
2	164	Kiwi-Hayward	4
2	165	Kiwi-Hayward	4
2	...		
3	172	Apple-Hashabi	5
3	173	Apple-Hashabi	5
3	174	Apple-Hashabi	5
3	175	Apple-Hashabi	5
3	176	Apple-Hashabi	5
3	...		5
3	182	Kiwi-Hayward	5
3	183	Kiwi-Hayward	5
3	184	Kiwi-Hayward	5
3	185	Kiwi-Hayward	5
3	186	Kiwi-Hayward	5
3	187	<i>Pistacia atlantica</i>	5
3	188	<i>Pistacia atlantica</i>	5
3	189	<i>Pistacia atlantica</i>	5
3	190	<i>Pistacia atlantica</i>	5
3	191	<i>Pistacia atlantica</i>	5
3	192	Persimmon <i>D. lotus</i>	5
3	193	Persimmon <i>D. lotus</i>	5
3	194	Persimmon <i>D. lotus</i>	5
3	195	Persimmon <i>D. lotus</i>	5
3	196	Persimmon <i>D. lotus</i>	5
3	...		5
3	202	Persimmon - <i>D. virginiana</i>	5
3	203	Persimmon - <i>D. virginiana</i>	5
3	204	Persimmon - <i>D. virginiana</i>	5
3	205	Persimmon - <i>D. virginiana</i>	5
3	206	GF-677	5
3	207	GF-677	5
3	208	GF-677	5
3	209	GF-677	5
3	210	<i>Pistacia atlantica</i>	
3	211	<i>Pistacia atlantica</i>	
3	212	<i>Pistacia atlantica</i>	

row	tree no	row 1	block
3	213	<i>Pistacia atlantica</i>	
3	214	<i>Pistacia atlantica</i>	

Figure S3. Mas'ada fruit trees and grapevine plot.



legend:

#	Species/crop	Rootstock
1	Grapevine	101/14 MGT
2	Grapevine	SO4
3	Grapevine	1103 Paulsen
4	Grapevine	140 Ruggeri
5	Grapevine	110 Richter
6	Kiwi	Hayward
7	Almond	GF-677
8	Persimmon	<i>D. virginiana</i>
9	<i>Pistacia</i>	<i>atlantica</i>
10	Apple	Hashabi

block 1

block 2

block 3

block 4

block 5*

Figure S4. Mannara apple plot.

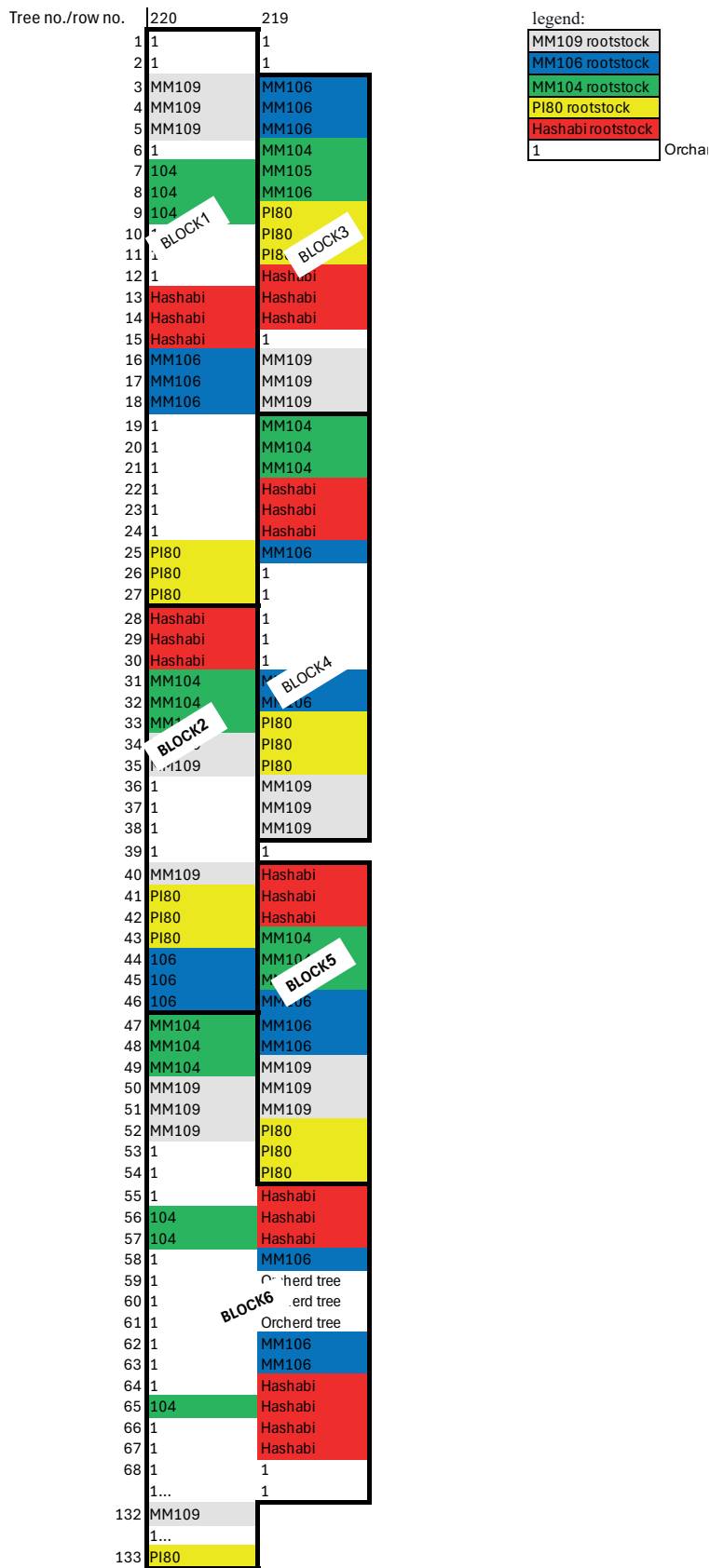


Figure S5. Sasa apple plot.

