



















TABLE 7

The effect of soil cultivation practices on the weed spectrum (species presenting 22% or more of the total spectrum of weeds present in any year of the study were selected) in a seven-year-old drip-irrigated Shiraz/101-14 Mgt vineyard established on a sandy to sandy clay loam soil, as measured early April 2013.

Treatment	Weed stand in g/0.5 m <sup>2</sup>									
	<i>Conyza bonariensis</i>	<i>Tribulus terrestris</i>	<i>Digitaria sanguinalis</i>	<i>Rhynchosyrum repens</i>	<i>Cynodon dactylon</i>	<i>Polygonum aviculare</i>	<i>Boerhavia erecta</i>	<i>Anagallis arvensis</i>	Other	
1. <i>Avena sativa</i> cv. Pallinup (oats), CC <sup>1</sup>	2.68	19.46	3.93	0	0	0	0	0	0	26.55
2. Oats, MC <sup>2</sup>	3.32	33.38	16.05	0.14	13.71	23.16	0	0	0	21.97
3. <i>Sinapis alba</i> cv. Braco (white mustard), CC	3.11	2.02	19.38	1.78	2.51	10.63	0	0	0	25.31
4. White mustard, MC	4.69	23.09	4.55	0.82	5.40	53.72	0	0	0	33.66
5. <i>Brassica napus</i> cv. AVJade (canola), CC	0.86	22.58	10.60	4.08	1.52	1.16	0	0	0	34.66
6. Canola, MC	8.48	19.91	2.65	0.27	18.81	12.05	0	0	0	23.22
7. <i>Brassica juncea</i> cv. Caliente 199 (Caliente), CC	6.30	44.35	21.52	2.30	1.13	0.53	0	0	0	11.08
8. Caliente, MC	5.91	47.78	11.04	0.69	27.34	17.24	0	0	0	11.91
9. <i>Eruca sativa</i> cv. Nemat (Nemat), CC	6.64	5.27	28.78	1.28	8.32	2.06	0	0	0	29.87
10. Nemat, MC	10.29	3.78	18.80	11.28	4.66	25.53	0	0	0	10.33
11. No cover crop (weeds), CC	1.20	21.59	6.30	3.19	14.45	0	0	0	0	19.96
12. Weeds, MC	8.25	0.27	7.69	7.91	102.52	0.32	0	0	0	13.65
13. Weeds + nematicide (weedsnem), CC	7.99	12.80	3.13	1.95	4.11	0	0	0	0	27.89
14. Weedsnem, MC	2.99	6.33	6.14	7.86	71.38	4.60	0	0	0	20.67
LSD (p ≤ 0.05)	27.03									

<sup>1</sup> Full-surface chemical control from grapevine bud break. <sup>2</sup> Chemical control vine row, mechanical incorporation in work row during grapevine bud break, full-surface chemical control from berry set.

