

Supplements

Table 1. Essential oil composition of *Lavandula angustifolia* Mill. cultivar Record inoculated and non-inoculated with AMF.

Compound	Time (min)	Control (%)	AMF (%)
α -Thujene	6.54	0.04	-
α -Pinene	6.77	0.08	-
Camphene	7.19	0.09	-
1-Octen-3-ol	7.60	0.41	0.35
Sabinene	7.67	0.13	
β -Myrcene	7.95	0.85	0.45
Hexyl acetate	8.38	-	0.03
α -Phellandrene	8.53	0.11	-
3-Carene	8.68	0.76	0.29
m-Cymene	8.85	0.05	-
p-Cymene	9.00	0.16	0.12
trans- β -Ocimene	9.19	-	3.32
Limonene	9.20	3.10	-
Eucalyptol	9.27	8.41	3.62
(Z)-Ocimene	9.53	0.65	0.69
γ -Terpinene	10.01	0.11	0.09
cis-Sabinene hydrate	10.32	0.29	0.21
α - Terpinolen	10.90	0.12	0.09
Linalool	11.16	34.56	36.46
1-Octen-1-ol, acetate	11.24	0.49	0.51
cis-p-Menth-2-en-1-ol	12.02	0.15	0.11
(-)-Camphor	12.76	0.23	0.21
Lavandulol	13.19	0.42	0.40
δ -Terpineol	13.44	0.08	0.06
endo-Borneol	13.58	2.62	1.80
p-Cymen-8-ol	13.72	0.03	-
Terpinen-4-ol	13.85	6.72	8.69
Cryptone	13.98	0.96	0.72
α -Terpineol	14.26	3.48	3.46
trans-Piperitol	14.74	0.13	0.07
Nerol	15.17	0.35	0.43

Cuminal	15.77	0.41	0.25
Linalyl acetate	15.96	18.76	25.22
(±)-Lavandulyl acetate	16.99	1.59	2.26
Thymol	17.26	1.54	0.66
Carvacrol	17.56	0.08	-
Neryl acetate	19.35	0.56	0.65
Geranyl acetate	19.95	1.44	1.39
Santalene	21.63	0.91	0.38
β-Caryophyllene	21.78	2.20	1.99
α-Bergamotene	22.04	0.25	0.09
(E)-β-Farnesene	22.43	0.91	0.57
Germacrene D	23.59	0.75	0.41
γ-Cadinene	24.51	0.76	0.41
Caryophyllene oxide	26.57	0.93	0.67
Epicubenol	27.45	0.12	0.10
.tau.-Cadinol	28.12	2.92	2.73

Table 2. Essential oil composition of *Artemisia dracunculus* L. cultivar Izumrud inoculated or non-inoculated with AMF.

Compound	Time (min)	Control (%)	AMF (%)
3-Hexen-1-ol, (Z)-	4.98	0.03	0.05
α -Pinene	6.78	0.59	0.58
Camphene	7.17	-	0.03
Sabinen	7.67	0.05	0.06
β -Pinene	7.86	0.08	0.08
β -Myrcene	7.94	0.13	0.11
3-Hexen-1-ol, acetate, (Z)-	8.20	0.09	0.04
(E)-Ocimene	9.19	11.90	10.78
(Z)-Ocimene	9.53	6.75	6.16
α - Terpinolen	10.89	0.07	-
Linalool	11.08	0.04	0.06
Neo-allo-ocimene	12.06	0.06	0.06
Methyl chavicol	14.45	79.34	81.06
Citronellol	15.16	0.04	-
Carvone	15.82	-	0.14
Bornyl acetate	17.19	0.11	0.02
Methyleugenol	20.63	0.52	0.57
Germacrene D	23.59	-	0.04
Bicyclogermacren	24.05	0.20	0.16

Table 3. Essential oil composition of *Hyssopus officinalis* cultivar Nikitsky bely inoculated and non-inoculated with AMF.

Compound	Time, min	Control, %	AMF, %
α -Thujene	6.55	-	0.03
α -Pinene	6.79	0.06	0.09
Sabinene	7.68	0.42	0.35
β -Pinene	7.88	2.30	2.73
β -Myrcene	7.96	0.28	tr
Limonene	9.20	0.36	0.28
Eucalyptol + β -Phellandrene	9.28	0.49	0.18
(Z)-Ocimene	9.54	0.24	0.16
cis-Sabinene hydrate	10.32	0.10	0.07
Linalool	11.10	0.57	0.82
Nonanal	11.18	tr	0.16
β -Thujone	11.80	0.33	0.30
trans-Pinocarveol	12.66	0.14	0.29
(E)-Pinocamphone	13.28	52.78	50.43
Isopinocamphone	13.75	25.99	26.28
Myrtenol	14.41	3.49	3.96
-	15.96		0.15
Methyl myrtenate	17.49	0.49	0.49
Carvacrol	17.55		tr
-	18.39	0.07	0.05
(-)- β -Bourbonene	20.65	0.98	1.54
α -Gurjunene	21.42	0.12	0.13
β -Caryophyllene	21.78	0.88	0.78
Humulene	22.83	0.09	0.08
Alloaromadendrene	23.03	0.72	0.85
Germacrene D	23.59	1.85	1.50
Bicyclogermacren	24.05	2.58	2.10
-	24.61		0.05
Elemol	25.41	2.27	3.04
-	26.08		0.06
(+)-Spathulenol	26.37	1.20	1.92
Caryophyllene oxide	26.57	0.45	0.51

-	27.21	0.18	0.18
β -Eudesmol	28.53	0.08	0.32
-	28.75	0.28	0.13
α -Bisabolol	29.19	0.22	-
