SUPLEMMENTARY DATA

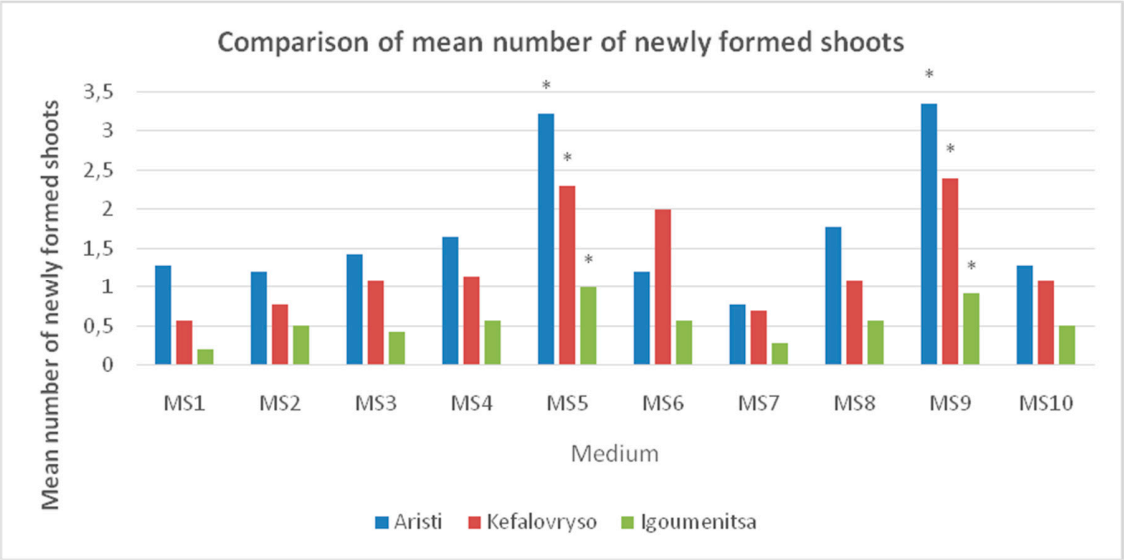

Figure S1. Effect of medium and population and their interactions on *in vitro* shoot regeneration. I Mean values followed by asterisks (*) are statistically different at significance level $p \leq 0.05$, according to Duncan's multiple range test.

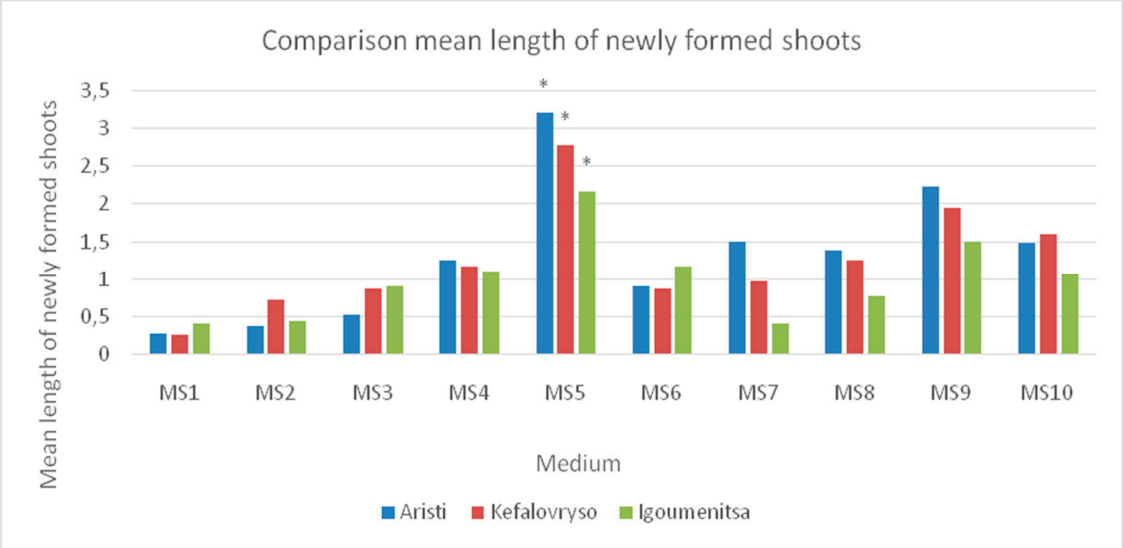

Figure S2. Effect of growth regulators on the length of newly formed shoots per population. Mean values followed by asterisks (*) are statistically different at significance level $p \leq 0.05$, according to Duncan's multiple range test.

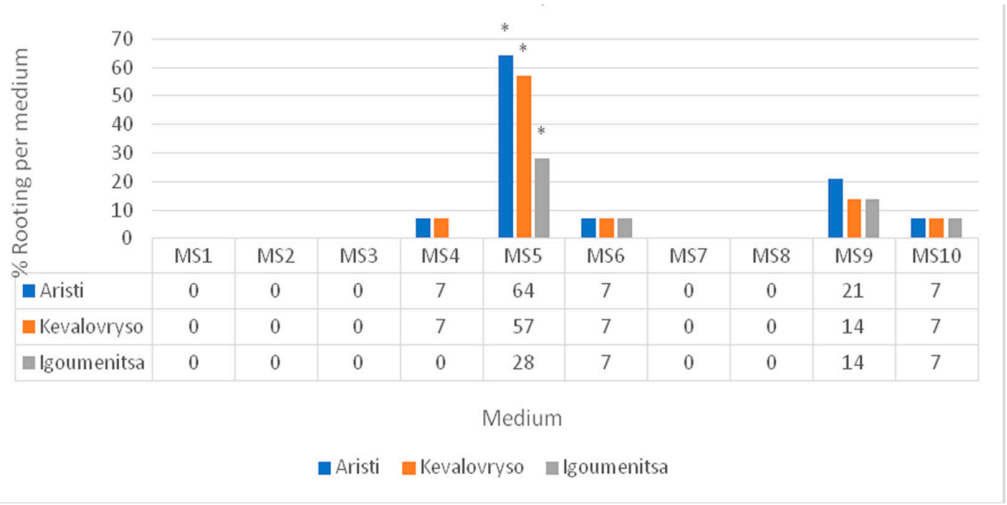

Figure S3. Spontaneous rooting (%) on multiplication media per population. Mean values followed by asterisks (*) are statistically different at significance level $p \leq 0.05$, according to Duncan's multiple range test.

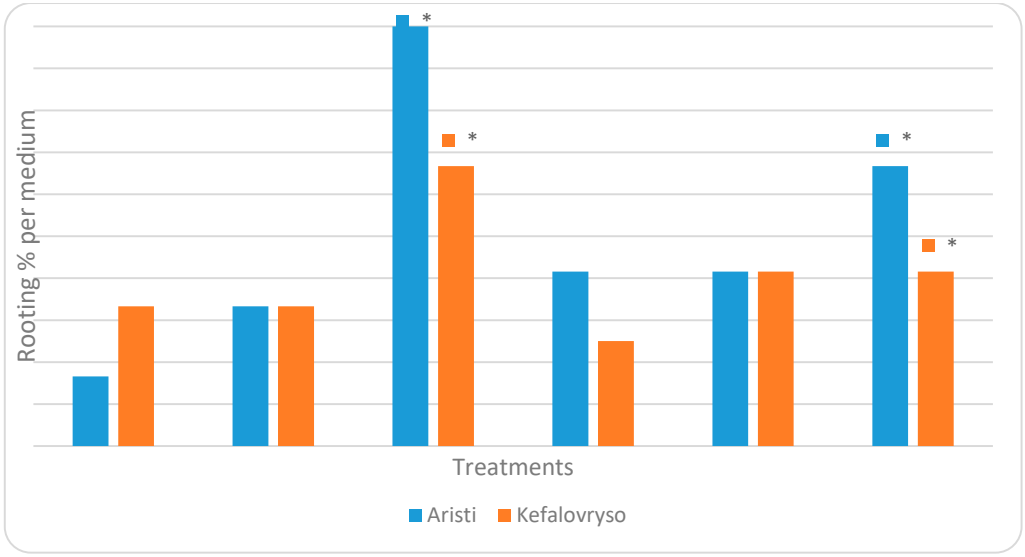

Figure S4. Comparison of the two populations Aristi and Kefalovryso in rooting ability in the case of combine effect of multiplication and rooting media.1(MS5+R1), 2 (MS5+R2), 3(MS5+R3), 4(MS9+R1), 5(MS9+R2), 6(MS9+R3).Values marked with asterisks (*) are statistically significantly different at $p \leq 0,05$.

NEWLY FORMED SHOOTS

Table S1. Substrate (medium) – Population interaction in terms of the number of newly formed shoots.

Tests of Between-Subjects Effects

Dependent Variable: NewShoots

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	257,298(a)	29	8,872	4,574	,000
Intercept	607,202	1	607,202	313,032	,000
Population	96,705	2	48,352	24,927	,000
Medium	122,631	9	13,626	7,024	,000
Population * Medium	37,962	18	2,109	1,087	,363
Error	756,500	390	1,940		
Total	1621,000	420			
Corrected Total	1013,798	419			

a R Squared = ,254 (Adjusted R Squared = ,198)

SHOOTS LENGTH

Table S2. Substrate (medium) – population interaction in terms of shoot length.

Tests of Between-Subjects Effects

Dependent Variable: Length

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	211,074(a)	29	7,278	2,584	,000
Intercept	597,264	1	597,264	212,022	,000
Medium	182,389	9	20,265	7,194	,000
Population	8,267	2	4,133	1,467	,232
Medium * Population	20,419	18	1,134	,403	,987
Error	1098,625	390	2,817		
Total	1906,962	420			
Corrected Total	1309,699	419			

a R Squared = ,161 (Adjusted R Squared = ,099)

ROOTING

Table S3. Substrate – Variety Interaction in terms of rooting ability.

Tests of Between-Subjects Effects

Dependent Variable: Rooting

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	10,200[a]	29	,352	6,039	,000
Intercept	3,086	1	3,086	52,981	,000
Population	,186	2	,093	1,594	,204
Medium	9,105	9	1,012	17,370	,000
Population* Medium	,910	18	,051	,868	,619
Error	22,714	390	,058		

Total	36,000	420			
Corrected Total	32,914	419			

a. R Squared = ,310 (Adjusted R Squared = ,259)

Rooting Medium

Table S4. Interaction of Growth regulators and Population (Aristi and Kefalovryso) in the case of combine effect of multiplication and rooting medium.

Tests of Between-Subjects Effects

Dependent Variable: Rooting

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6,743[a]	11	,613	2,798	,003
Intercept	29,340	1	29,340	133,934	,000
Population	,340	1	,340	1,553	,215
Medium	,062	1	,062	,285	,594
Growth regulators	4,181	2	2,090	9,542	,000
Population* Medium	,063	1	,063	,285	,594
Population* Growth regulators	,681	2	,340	1,553	,215
Medium* Growth regulators	1,125	2	,563	2,568	,081
Population*Medium * Growth regulators	,292	2	,146	,666	,516
Error	28,917	132	,219		
Total	65,000	144			
Corrected Total	35,660	143			

a. R Squared = ,189 (Adjusted R Squared = ,122)