

Table 1. Comparison on growth characteristics of aerial parts of ginseng throughout 1 to 6 year olds.

Old-year	Plant height (cm)	Stem length (cm)	Stem diameter (mm)	Leaf area (cm ²)	Leaf dried weight (g)	Stem dried weight (g)
1	13.0	9.4	0.71	10.1	0.02	0.01
2	19.6	10.8	1.94	49.5	0.18	0.06
3	41.7	22.9	3.04	117.0	0.49	0.31
4	68.7	42.4	6.68	204.9	2.24	2.24
5	70.8	44.8	6.83	180.9	2.81	2.82
6	70.8	46.5	6.83	164.3	2.04	2.39

Table 2. Comparison on growth characteristics of ginseng root in 1 to 6 year olds.

Old-year	Root length (cm)	Tap root length (cm)	Top root diameter (mm)	Dried weight(g)		
				Tap root	Branch root	Total root
1	10.16	—	4.2	0.06	—	0.06
2	18.70	—	7.4	0.77	—	0.77
3	19.72	6.66	10.2	1.64	0.72	2.36
4	27.08	7.99	15.0	4.51	2.53	7.04
5	20.92	8.37	18.4	5.01	3.11	8.12
6	20.26	8.53	23.5	6.46	3.14	9.60

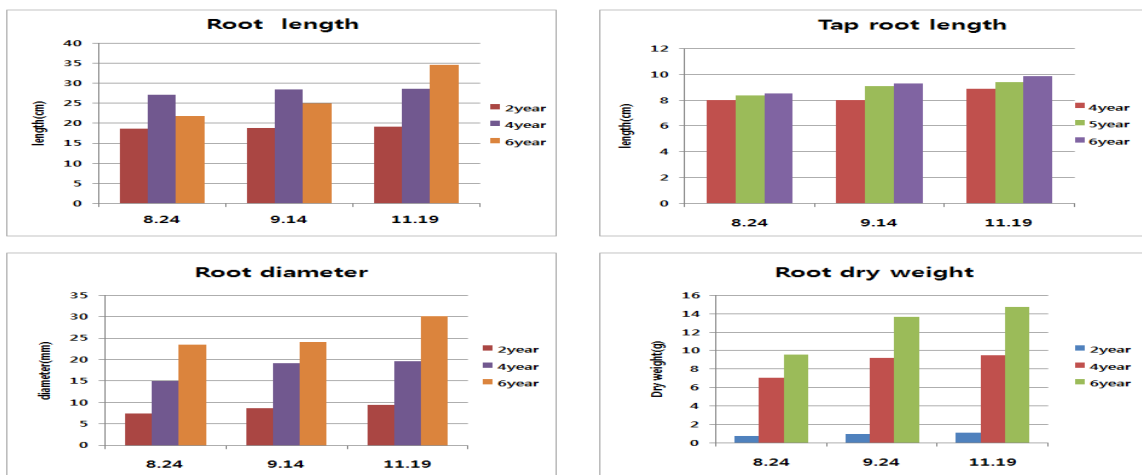


Fig. 1. Changes of length of root and Tap root, root diameter and root dry weight at three different growth stages of ginseng.

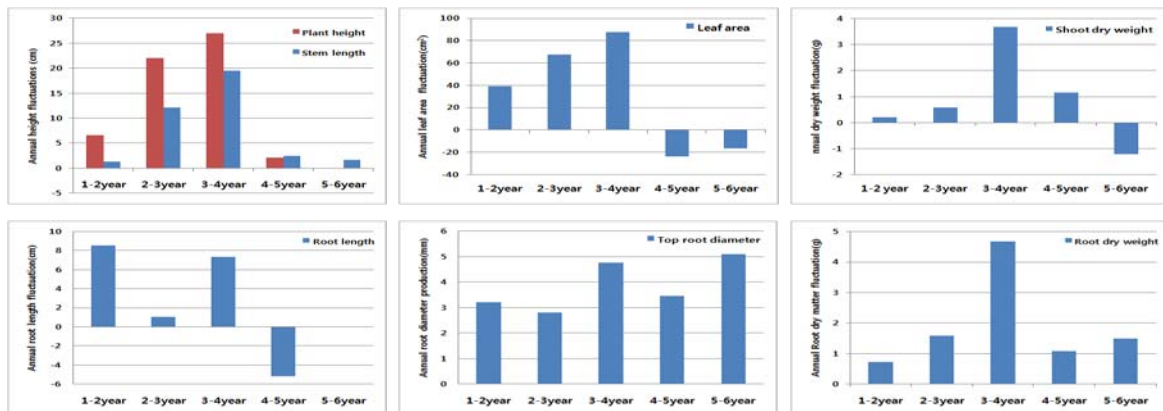


Fig. 2. Comparison of major growth characters with differential changes per a year of ginseng.