

Table S1. Content of isoflavones in white clover sprouts evaluated in our previous study [9].

Sample	Daidzin	Ononin	Formononetin	Isoflavones sum
5L	6.76 ± 0 ^{cij}	0.97 ± 0 ^{bhij}	3.87 ± 0 ^{ghi}	11.6
5LM	15.14 ± 0 ^{abcd}	9.49 ± 1.26 ^{abc}	3.63 ± 0 ^{ab}	28.26
5D	4.95 ± 0.64 ^{inrs}	<LOD ^{jo}	2.7 ± 0 ⁱⁿ	7.65
5DM	2.59 ± 0.35 ^{dmn}	11.55 ± 0.35 ^{cmno}	1.19 ± 0 ^{blmn}	15.33
6L	9.16 ± 0.8 ^{eikl}	2.75 ± 0 ^{ehkl}	5.5 ± 0 ^{dgi}	17.41
6LM	5.58 ± 0 ^{aef}	4.78 ± 0 ^{adef}	3.59 ± 0 ^{cde}	13.95
6D	2.65 ± 0 ^{lrt}	<LOD ^{lr}	5.3 ± 0 ^p	7.95
6DM	2.36 ± 0.3 ^{fo}	3.37 ± 0.3 ^{fmpr}	2.52 ± 0 ^{elop}	8.25
7L	7.66 ± 0 ^{gk}	<LOD ^{gik}	7.66 ± 0 ^{fhjk}	15.32
7LM	5.3 ± 0.4 ^{bgh}	8.29 ± 0.7 ^{dg}	5.07 ± 0.4 ^{acf}	18.66
7D	7.12 ± 0 ^{pst}	<LOD ^s	4.74 ± 0 ^{kr}	11.86
7DM	8.77 ± 0 ^{hmop}	2.34 ± 0 ^{nps}	5.26 ± 0 ^{mor}	16.37

<LOD—lower than the detection limit. Values are presented as the mean (mg/100 g dw) ± SD (standard deviation) of three independent experiments. Significant differences were calculated for each compound separately (each column separately) and presented as the pairs of letters in superscript next to the values if the $p \leq 0.05$. Abbreviations of the sprouts' samples: L— standard light; D— darkness; LM— standard light and microgravity; DM – darkness and microgravity. The numbers placed before each abbreviation indicate harvest days (5, 6, and 7 days).