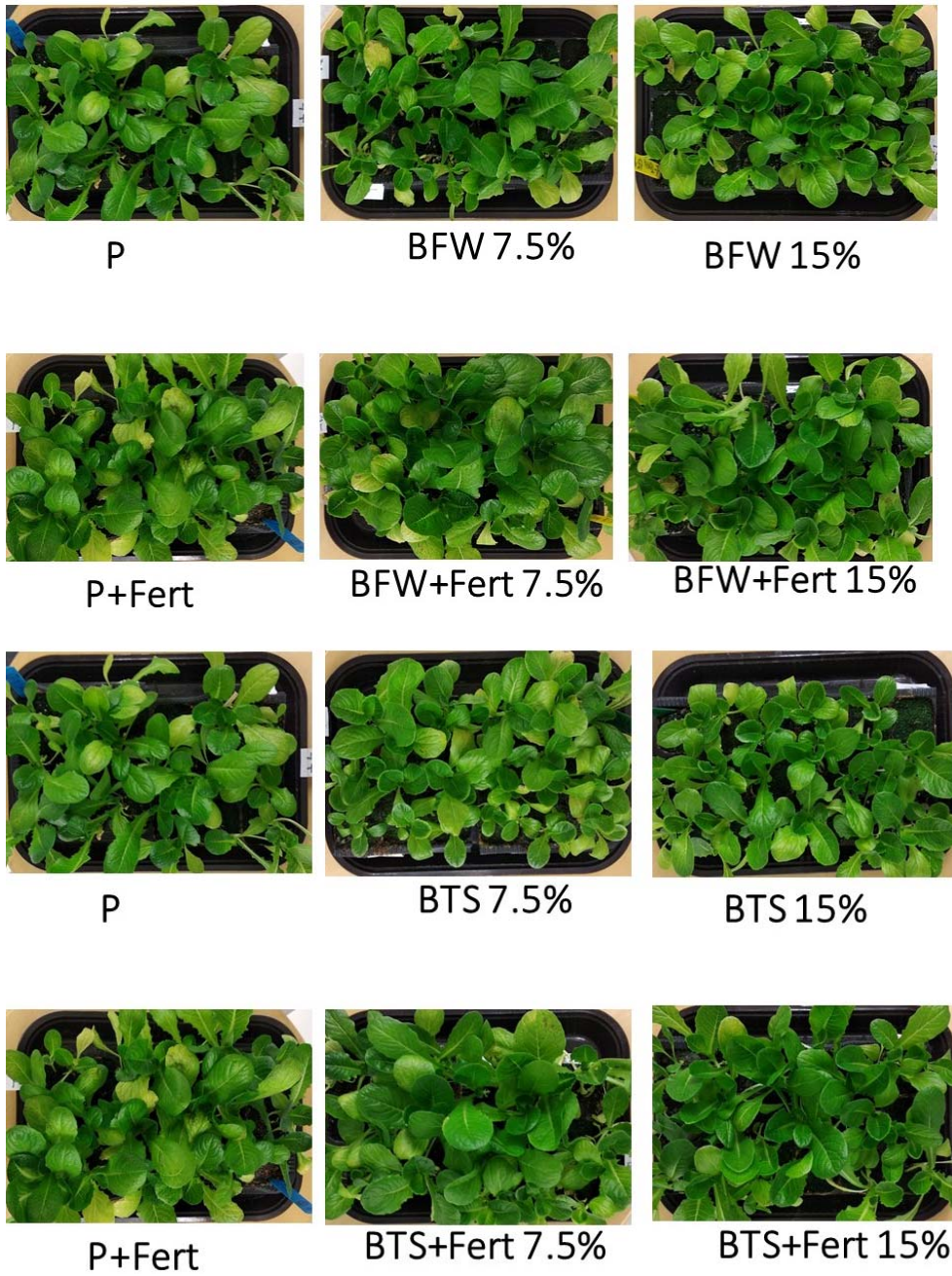
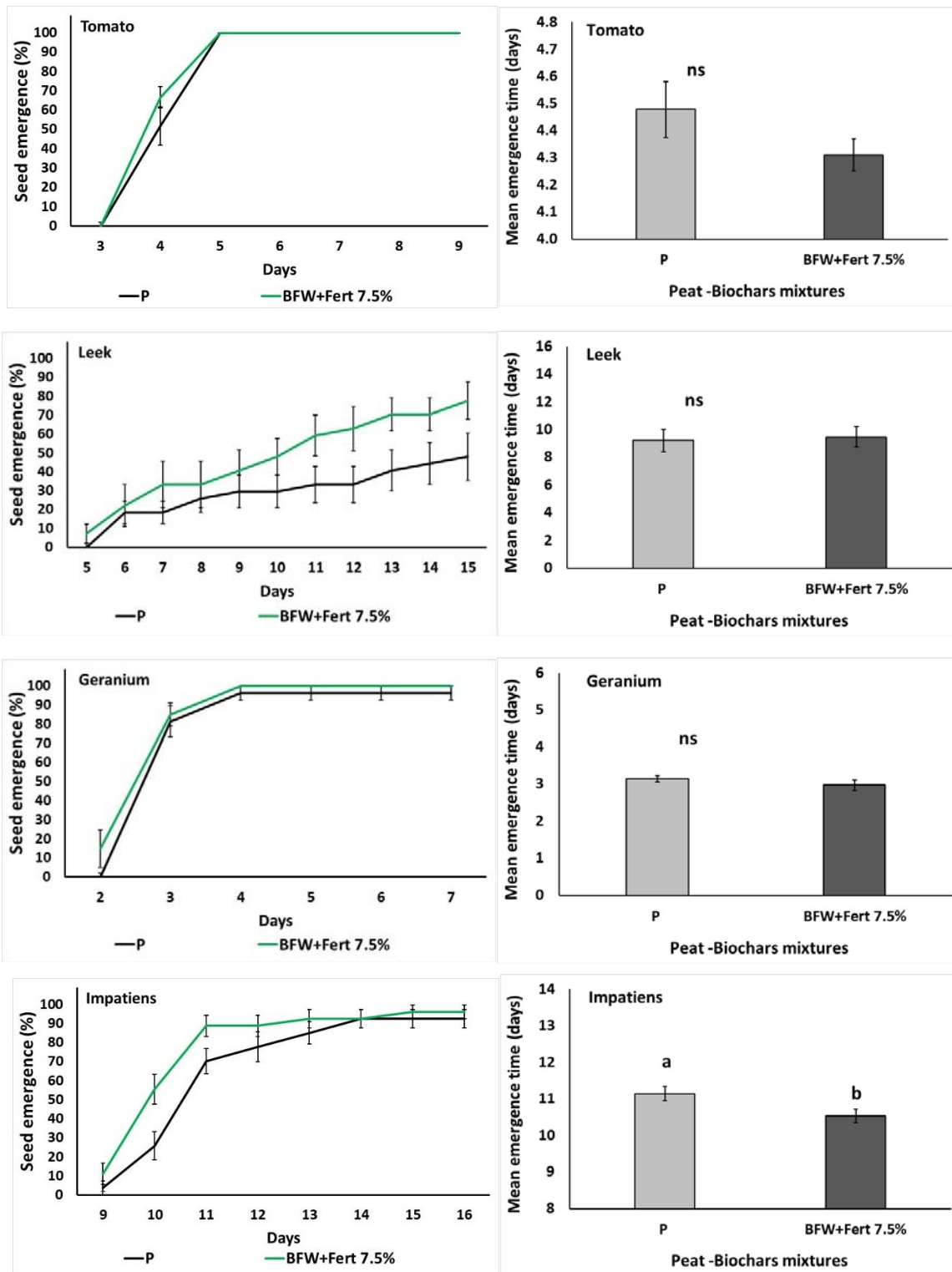


**Table S1.** Growing media composition, based on peat (P) with different biochar types (BFW, BTS) and ratio (7.5%, 15%) and mineral doses (with standard rate or with additional rate Fertilizers-Fert.).

	Peat (%)	Biochar (%)	Lime (g L <sup>-1</sup> )	Ammonium Nitrate (g L <sup>-1</sup> )	Triple superphosphate (g L <sup>-1</sup> )	Potassium Sulphate (g L <sup>-1</sup> )	Trace elements (g L <sup>-1</sup> )
<b>P</b>	100.0	0	4	0.350	0.354	0.232	0.35
<b>P+Fert</b>	100.0	0	4	0.525	0.531	0.348	0.35
<b>BFW 7.5%</b>	92.5	7.5	1.5	0.350	0.353	0.043	0.35
<b>BFW+Fert 7.5%</b>	92.5	7.5	1.5	0.525	0.530	0.159	0.35
<b>BFW 15%</b>	85.0	15.0	0.75	0.350	0.352	-	0.35
<b>BFW +Fert 15%</b>	85.0	15.0	0.75	0.525	0.529	-	0.35
<b>BTS 7.5%</b>	92.5	7.5	1.5	0.350	0.353	0.102	0.35
<b>BTS+Fert 7.5%</b>	92.5	7.5	1.5	0.525	0.530	0.218	0.35
<b>BTS 15%</b>	85.0	15.0	0.75	0.350	0.352	-	0.35
<b>BTS+Fert 15%</b>	85.0	15.0	0.75	0.525	0.529	0.089	0.35



**Figure 1.** Lettuce seedling production in peat (P 100) with different biochar types (A, D) and ratio (7.5%, 15%) and nutrient doses (with standard rates or with additional rates of Fertilizers-Fert.).



**Figure 2.** Effects of peat (P) with BFW at 7.5% with additional Fertilizers-Fert. on tomato, leek, geranium, and impatiens seed emergence and mean emergence time. Significant differences ( $P < 0.05$ ) among treatments are indicated by different letters. Error bars show SE ( $n = 4$ ). ns: not significant.