

Supplemental Table 1. Pearson correlation matrix for calcium (Ca), Potassium (K), Magnesium (Mg), and nitrogen (N) in leaves, stems, and roots of Honeycrisp grafted onto B9, G41, G890, and M9 for across two years (N = 48).

		Ca Leaves	K Leaves	Mg Leaves	N Leaves	Ca Stem	K Stem	Mg Stem	N Stem	Ca Roots	K Roots	Mg Roots	N Roots
Ca Leaves	Pearson <i>r</i>	1.00	0.12	-0.06	0.45	0.33	0.32	0.38	-0.11	0.33	0.26	0.44	0.22
	p-value	--	0.4052	0.6859	0.0015	0.0204	0.0289	0.0080	0.4789	0.0206	0.0702	0.0019	0.1372
K Leaves	Pearson <i>r</i>	0.12	1.00	0.27	-0.14	-0.44	-0.11	-0.20	-0.05	-0.18	-0.42	-0.20	-0.24
	p-value	0.4052	--	0.0661	0.3408	0.0018	0.4370	0.1781	0.7456	0.2291	0.0027	0.1838	0.0957
Mg Leaves	Pearson <i>r</i>	-0.06	0.27	1.00	0.03	-0.48	-0.63	-0.57	0.38	-0.41	-0.66	-0.53	-0.22
	p-value	0.6859	0.0661	--	0.8340	0.0006	<0.0001	<0.0001	0.0096	0.0039	<0.0001	0.0001	0.1266
N Leaves	Pearson <i>r</i>	0.45	-0.14	0.03	1.00	0.20	0.18	0.36	-0.13	0.18	0.04	0.08	0.05
	p-value	0.0015	0.3408	0.8340	--	0.1835	0.2307	0.0127	0.3944	0.2240	0.7999	0.6124	0.7211
Ca Stem	Pearson <i>r</i>	0.33	-0.44	-0.48	0.20	1.00	0.38	0.59	-0.18	0.41	0.66	0.57	0.37
	p-value	0.0204	0.0018	0.0006	0.1835	--	0.0076	<0.0001	0.2296	0.0034	<0.0001	<0.0001	0.0087
K Stem	Pearson <i>r</i>	0.32	-0.11	-0.63	0.18	0.38	1.00	0.88	-0.39	0.63	0.75	0.64	0.32
	p-value	0.0289	0.4370	<0.0001	0.2307	0.0076	--	<0.0001	0.0079	<0.0001	<0.0001	<0.0001	0.0290
Mg Stem	Pearson <i>r</i>	0.38	-0.20	-0.57	0.36	0.59	0.88	1.00	-0.36	0.59	0.77	0.65	0.34
	p-value	0.0080	0.1781	<0.0001	0.0127	<0.0001	<0.0001	--	0.0147	<0.0001	<0.0001	<0.0001	0.0196
N Stem	Pearson <i>r</i>	-0.11	-0.05	0.38	-0.13	-0.18	-0.39	-0.36	1.00	-0.19	-0.25	0.07	0.55
	p-value	0.4789	0.7456	0.0096	0.3944	0.2296	0.0079	0.0147	--	0.2014	0.0889	0.6433	0.0001
Ca Roots	Pearson <i>r</i>	0.33	-0.18	-0.41	0.18	0.41	0.63	0.59	-0.19	1.00	0.65	0.56	0.32
	p-value	0.0206	0.2291	0.0039	0.2240	0.0034	<0.0001	<0.0001	0.2014	--	<0.0001	<0.0001	0.0253
K Roots	Pearson <i>r</i>	0.26	-0.42	-0.66	0.04	0.66	0.75	0.77	-0.25	0.65	1.00	0.69	0.46
	p-value	0.0702	0.0027	<0.0001	0.7999	<0.0001	<0.0001	<0.0001	0.0889	<0.0001	--	<0.0001	0.0010
Mg Roots	Pearson <i>r</i>	0.44	-0.20	-0.53	0.08	0.57	0.64	0.65	0.07	0.56	0.69	1.00	0.72
	p-value	0.0019	0.1838	0.0001	0.6124	<0.0001	<0.0001	<0.0001	0.6433	<0.0001	<0.0001	--	<0.0001
N Roots	Pearson <i>r</i>	0.22	-0.24	-0.22	0.05	0.37	0.32	0.34	0.55	0.32	0.46	0.72	1.00
	p-value	0.1372	0.0957	0.1266	0.7211	0.0087	0.0290	0.0196	0.0001	0.0253	0.0010	<0.0001	--