

Table S2. Aboveground phytomass and tuber yield (both in g/plant, eq. to g /0.25 m²) of potatoes grown for three years in the microplot field experiment in the south of West Siberia: the data are shown for the levels of the interaction factor of K fertilization (FK) × Mg fertilization (FMg) × year

Factor	Factor levels			Aboveground phytomass		Tuber yield	
	FK	FMg	year	Mean	±S.D.	Mean	±S.D.
Total				393	±94	810	±149
FK × FMg × year	1	0	2018	322 a	±33	868 a	±194
FK × FMg × year	1	0	2019	339 a	±92	805 a	±204
FK × FMg × year	1	0	2020	470 b	±26	723 a	±46
FK × FMg × year	1	1	2018	440 b	±72	1012 b	±206
FK × FMg × year	1	1	2019	323 a	±79	879 ab	±57
FK × FMg × year	1	1	2020	484 b	±15	810 a	±135
FK × FMg × year	1	2	2018	274 a	±53	776	±93
FK × FMg × year	1	2	2019	378 b	±48	774	±62
FK × FMg × year	1	2	2020	526 c	±42	698	±51
FK × FMg × year	2	0	2018	378 a	±13	919	±48
FK × FMg × year	2	0	2019	333 a	±46	831	±109
FK × FMg × year	2	0	2020	523 b	±35	763	±70
FK × FMg × year	2	1	2018	343 a	±87	933 b	±122
FK × FMg × year	2	1	2019	335 a	±56	819 ab	±242
FK × FMg × year	2	1	2020	472 b	±43	762 a	±50
FK × FMg × year	2	2	2018	336 a	±132	756	±242
FK × FMg × year	2	2	2019	331 a	±31	728	±113
FK × FMg × year	2	2	2020	464 b	±24	730	±121

¹ The differential values for factor levels are highlighted in bold; different letters indicate that the values in a column range (factors) differ significantly at P≤0.05 level (Fisher's LSD test).