

**Table S1.** Potato aboveground phytomass and tuber yield (g/m<sup>2</sup>, mean±s.d.) in some mineral fertilization variants in the microplot field experiment in the south of West Siberia

Fertilization	Year							
	2018		2019		2020		Average	
Aboveground phytomass								
No	177 a	±28	133 a	±11	138 a	±34	149 a	±32
NP	291 b	±61	294 b	±36	330 b	±32	305 b	±46
NPK1	322 b	±33	339 b	±92	470 c	±26	377 c	±87
NPK2	378 c	±13	333 b	±46	523 d	±35	411 c	±90
Tuber yield								
No	534 a	±55	442 a	±53	339 a	±87	438 a	±103
NP	716 b	±138	564 a	±156	491 b	±100	590 b	±157
NPK1	868 b	±194	805 b	±204	723 c	±46	799 c	±164
NPK2	919 c	±48	831 b	±109	763 c	±70	838 c	±99

<sup>1</sup> Different letters indicate that the values in a column differ significantly at P≤0.05 level (Fisher's LSD test).