Supplementary Materials

Table S1. Applications of fertilizers and plant protection products on wheat plants.

Application date	Substance (dose/concentration; type)	Active ingredients
18th April 2018	calcium ammonium nitrate (64.3 kg ha^{-1}; *F*)	27% N (13.5% N-NO_3^- + 13.5% N-NH_4^+), 7% CaO, 5% MgO
20th April 2018	Boogie $_{Xpro}$ (0.3%; *FC*)	50 g l^{-1} bixafen, 100 g l^{-1} prothioconazole, 250 g l^{-1} spiroxamine
23rd April 2018	calcium ammonium nitrate (64.3 kg ha^{-1}; *F*)	27% N (13.5% N-NO_3^- + 13.5% N-NH_4^+), 7% CaO, 5% MgO
25th April 2018	NURELLE D (0.2%; *IC*)	500 g l^{-1} chlorpyrifos, 50 g l^{-1} cypermethrin
9th May 2018	MOSPILAN ® 20 SP (0.02%; *IC*)	200 g kg^{-1} acetamiprid
18th May 2018	Boogie $_{Xpro}$ (0.3%; *FC*)	50 g l^{-1} bixafen, 100 g l^{-1} prothioconazole, 250 g l^{-1} spiroxamine
11th June 2018	MOSPILAN ® 20 SP (0.02%; *IC*)	200 g kg^{-1} acetamiprid

F: fertilization, *FC*: fungicide, *IC*: insecticide.

Figure S1. Mean daily air temperatures at a height of 2 m among the experimental plants in the vegetation hall in Brno and on the phenotyping platform of the greenhouse in Drasov. Minimal (MIN), maximal (MAX), and mean (AVG) air temperatures for (1) daily measurements (from 0:00 to 24:00) and for (2) original 10 min measurement increments (in the vegetation hall) or original 1 min measurement increments (in the greenhouse).