

Table S1. Relative values of the morphometric variables* in 10-day-old wheat seedlings exposed to fungal exopolysaccharides.

| Assay mode | Fungal producent | Applied concentration, mg/L | Coleoptile length, % of control | Leaf length, % of control | Root length, % of control | Root number, % of control |
|------------|---|-----------------------------|---------------------------------|---------------------------|---------------------------|---------------------------|
| Control | Water | 0 | 100.00 b-e | 100.00 b-g | 100.00 gh | 100.00 d-h |
| 1 | <i>Armillaria mellea</i> 0738 | 40 | 92.01 a-d | 98.74 b-g | 110.08 hi | 100.00 d-h |
| 2 | <i>Armillaria mellea</i> 1346 | 40 | 82.64 ab | 87.37 a-e | 85.34 d-h | 104.55 f-h |
| 3 | <i>Flammulina velutipes</i> 0535 | 40 | 79.70 a | 133.82 h-j | 157.36 jk | 103.92 f-h |
| 4 | <i>Flammulina velutipes</i> 0535 | 80 | 89.79 a-c | 110.99 c-i | 84.50 d-h | 80.43 a-d |
| 5 | <i>Ganoderma applanatum</i> 0154 | 40 | 98.24 b-e | 102.75 b-h | 77.45 b-h | 78.26 a-c |
| 6 | <i>Ganoderma applanatum</i> SIE1304 | 40 | 77.78 a | 74.03 ab | 44.44 ab | 80.43 a-d |
| 7 | <i>Ganoderma colossus</i> SIE1301 | 40 | 92.98 a-d | 117.53 d-i | 153.20 jk | 101.96 e-h |
| 8 | <i>Ganoderma colossus</i> SIE1301 | 80 | 138.20 jk | 110.34 c-i | 71.36 b-g | 136.36 lm |
| 9 | <i>Ganoderma lucidum</i> 1315 | 40 | 78.37 a | 82.23 abc | 43.34 ab | 88.24 a-f |
| 10 | <i>Ganoderma lucidum</i> SIE1303 | 40 | 99.31 b-e | 93.39 b-f | 65.00 b-f | 116.36 h-j |
| 11 | <i>Ganoderma neojaponicum</i> SIEbgm | 40 | 108.71 d-g | 133.19 h-j | 192.08 lm | 67.39 a |
| 12 | <i>Ganoderma neojaponicum</i> SIEbidoup | 15 | 100.30 b-e | 118.64 e-i | 81.28 c-h | 84.78 a-f |
| 13 | <i>Ganoderma neojaponicum</i> SIEbidoup | 40 | 142.13 jk | 159.92 i | 205.87 m | 145.45 m |
| 14 | <i>Ganoderma neojaponicum</i> SIEbidoup | 80 | 135.39 i-k | 135.34 ij | 165.49 j-l | 145.45 m |
| 15 | <i>Ganoderma valesiacum</i> 120702 | 40 | 102.10 c-f | 117.59 d-i | 90.59 e-h | 71.74 ab |
| 16 | <i>Grifola frondosa</i> 0917 | 40 | 76.88 a | 95.50 b-f | 101.57 gh | 91.30 b-g |
| 17 | <i>Grifola umbellata</i> 1622 | 40 | 129.78 h-j | 137.29 ij | 150.64 jk | 145.45 lm |
| 18 | <i>Grifola umbellata</i> 1622 | 80 | 101.80 c-f | 128.17 g-i | 106.04 gh | 82.61 a-e |
| 19 | <i>Laetiporus sulphureus</i> 120707 | 40 | 125.84 g-j | 105.87 b-i | 95.97 f-h | 136.36 k-m |
| 20 | <i>Laetiporus sulphureus</i> 120707 | 80 | 113.48 e-h | 80.03 a-c | 50.91 a-d | 124.24 i-l |
| 21 | <i>Lentinula edodes</i> 198 | 40 | 115.17 e-h | 91.48 b-e | 57.17 a-e | 142.42 lm |
| 22 | <i>Lentinula edodes</i> F-249 | 40 | 77.04 a | 136.62 ij | 141.95 jk | 98.04 c-h |
| 23 | <i>Lentinula edodes</i> F-249 | 80 | 97.91 b-e | 111.82 c-i | 137.42 ij | 110.91 g-i |
| 24 | <i>Pleurotus ostreatus</i> 69 | 15 | 87.69 a-c | 96.02 b-f | 59.81 b-e | 76.09 ab |
| 25 | <i>Pleurotus ostreatus</i> 69 | 40 | 150.56 k | 137.71 ij | 161.47j-l | 141.70 lm |
| 26 | <i>Pleurotus ostreatus</i> 69 | 80 | 119.42 f-i | 124.17 f-i | 174.46 kl | 136.36 j-m |
| 27 | <i>Pleurotus ostreatus</i> BK1702 | 40 | 75.90 a | 86.19 a-d | 23.86 a | 117.65 h-k |
| 28 | <i>Pleurotus ostreatus</i> HK352 | 40 | 87.09 a-c | 100.73 b-g | 53.89 a-d | 84.78 a-f |
| 29 | <i>Tomophagus cattienensis</i> SIE1302 | 40 | 105.62 c-f | 58.66 a | 49.25 a-c | 166.67 n |

* Data were processed by one-way ANOVA. Latin letters indicate differences between treatments according to the results of the Duncan's test at $p \leq 0.05$. n = 20.

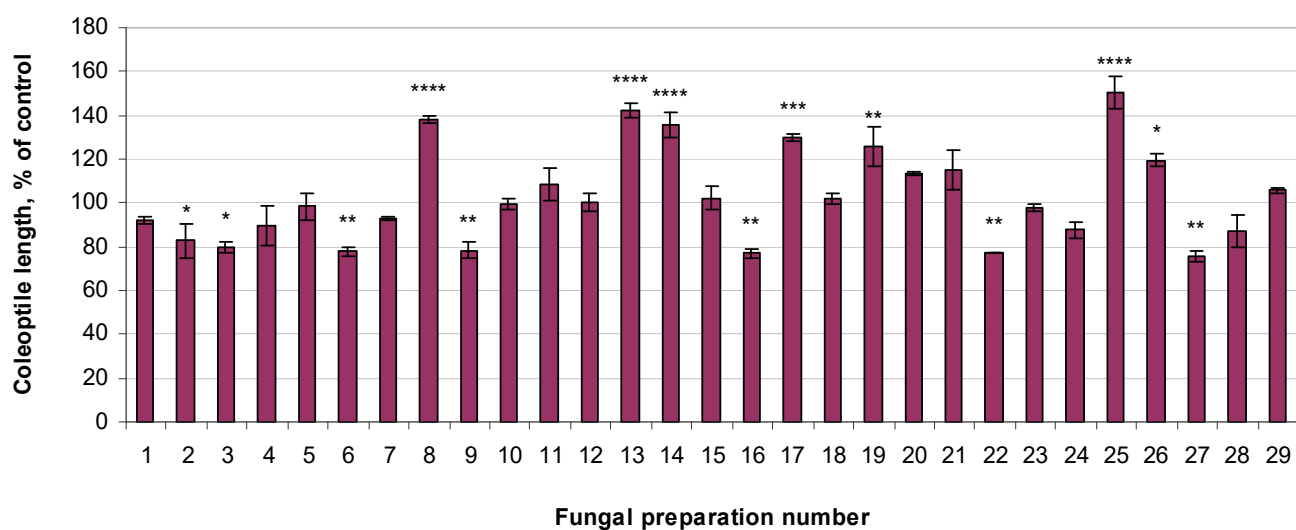


Figure S1. Relative coleoptile length values in 10-day-old wheat seedlings exposed to fungal preparations. EPS numbers correspond to those in Table 1. Values are means \pm SD; * $p \leq 0,05$; ** $p \leq 0,005$; *** $p \leq 0,0005$; **** $p < 0,0001$.

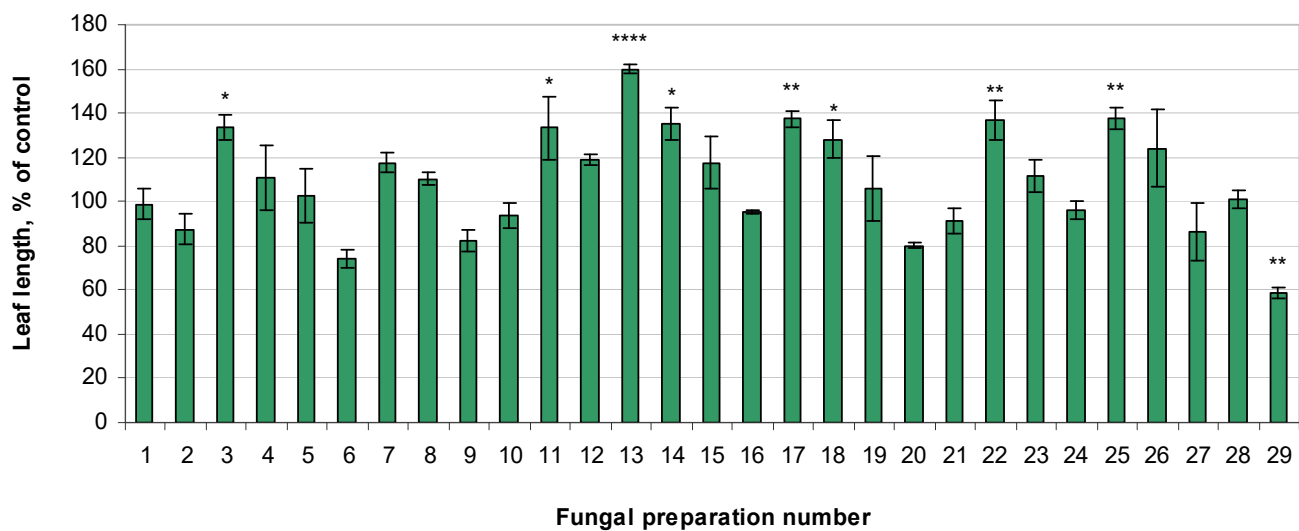


Figure S2. Relative leaf length values in 10-day-old wheat seedlings exposed to fungal preparations. EPS numbers correspond to those in Table 1. Values are means \pm SD; * $p \leq 0,05$; ** $p \leq 0,005$; *** $p \leq 0,0005$; **** $p < 0,0001$.

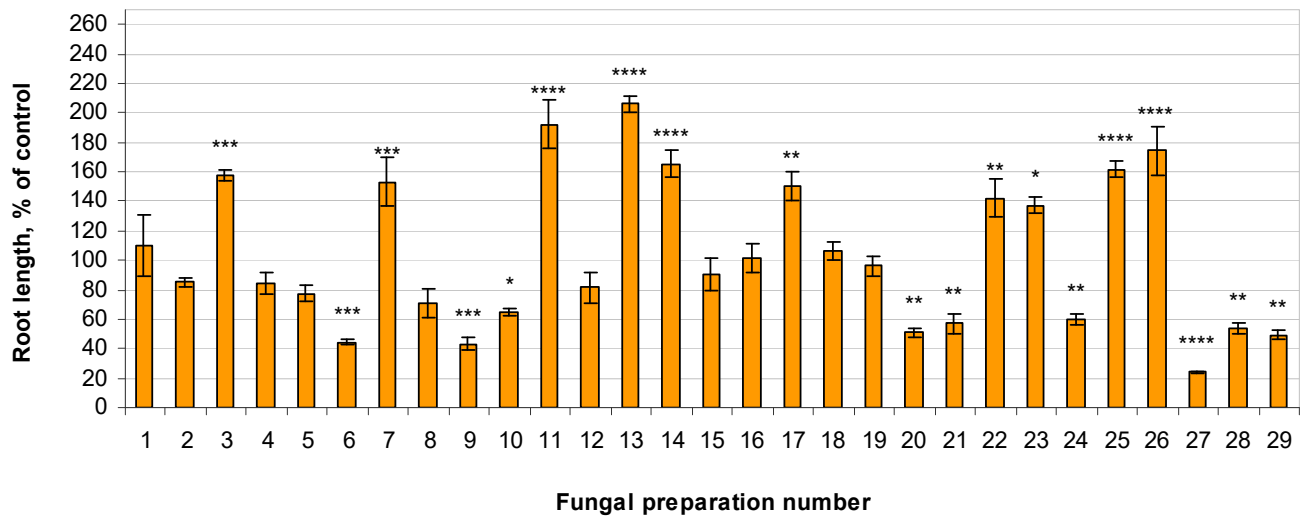


Figure S3. Relative root length values in 10-day-old wheat seedlings exposed to fungal preparations. EPS numbers correspond to those in Table 1. Values are means \pm SD; * $p \leq 0,05$; ** $p \leq 0,005$; *** $p \leq 0,0005$; **** $p < 0,0001$.

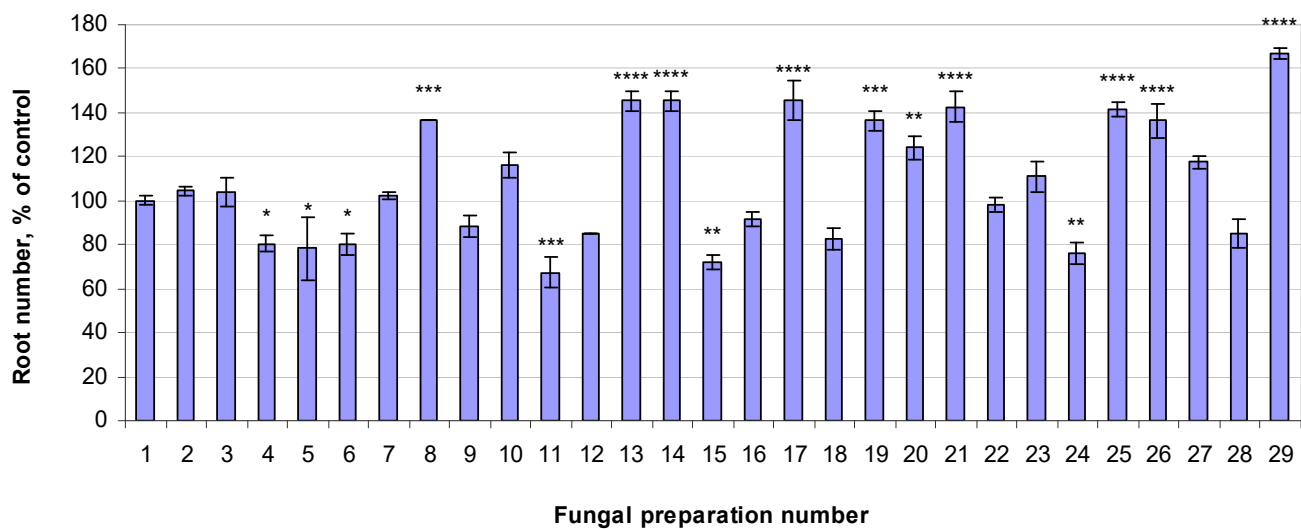


Figure S4. Relative root number values in 10-day-old wheat seedlings exposed to fungal preparations. EPS numbers correspond to those in Table 1. Values are means \pm SD; * $p \leq 0,05$; ** $p \leq 0,005$; *** $p \leq 0,0005$; **** $p < 0,0001$.