**Table S1.** Growth parameters of four oat (*Avena sativa* L.) varieties (Arab, Krezus, Rajtar and Szakal) grown for 2 weeks on complete nutrient medium (+P), medium with phytic acid (PA) and without phosphate (-P). \*Differences statistically important at 0.05.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PARAMETER | ARAB | | |  | KREZUS | | |  | RAJTAR | | |  | SZAKAL | | |
| +P | PA | -P |  | +P | PA | -P |  | +P | PA | -P |  | +P | PA | -P |
| Shoot fresh mass [g] | 1.14 | 1.27 | 0.46\* |  | 1.13 | 1.39 | 0.45\* |  | 1.00 | 1.16 | 0.42\* |  | 2.04 | 1.77 | 0.82\* |
| Root fresh mass [g] | 0.73 | 0.83 | 0.62 |  | 1.07 | 1.02 | 0.68\* |  | 0.59 | 0.59 | 0.58 |  | 1.13 | 1.03 | 0.57\* |
| LAR [cm2 A g-1 W] | 20.8 | 17.6\* | 17.9\* |  | 22.1 | 18.9 | 14.4\* |  | 24.2 | 22.8 | 26.3 |  | 20 | 20 | 24.4 |
| SWR [g WS g-1W] | 0.5 | 0.5 | 0.4\* |  | 0.5 | 0.6 | 0.3\* |  | 0.6 | 0.5\* | 0.5\* |  | 0.5 | 0.6 | 0.5 |
| ULR  [g-1∆dW cm2A-1 week-1] | 0.003 | 0.004 | 0.004 |  | 0.002 | 0.003 | 0.004\* |  | 0.003 | 0.003 | 0.004 |  | 0.004 | 0.003 | 0.004 |
| RGR  [g ∆dW gW-1 week-1] | 0.06 | 0.06 | 0.08\* |  | 0.04 | 0.05 | 0.05 |  | 0.07 | 0.06 | 0.08 |  | 0.08 | 0.08 | 0.06 |
| Root diameter [mm] | 0.9 | 0.9 | 0.7 |  | 0.9 | 0.9 | 0.7 |  | 0.7 | 0.7 | 0.7 |  | 1.1 | 0.9 | 0.7\* |
| Root area [cm2] | 8.5 | 9.2 | 8.7 |  | 11.9 | 10.9 | 10.3\* |  | 8.6 | 8.3 | 8.8 |  | 10.7 | 10.9 | 8.2\* |

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