

S2 Table. ANOVA for the $\ln(x + 10)$ transformed values of agronomic traits in rice plants at variety level. AMF inoculation (inoculated and non-inoculated), variety (each of the 8 varieties tested) and year (1st and 2nd-year trial).

Yield					
Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.641	0.641	7.654	0.007
Variety (Var n = 8)	7	10.563	1.509	18.006	< 0.0001
Year (Yr n = 2)	1	1.091	1.091	13.022	0.001
AMF x Var	7	5.028	0.718	8.571	< 0.0001
AMF x Yr	1	0.192	0.192	2.289	0.135
Var x Yr	7	5.522	0.789	9.414	< 0.0001
AMF x Var x yr	7	2.367	0.338	4.035	0.001
Error	64				
Biomass					
Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.003	0.003	0.057	0.811
Variety (Var n = 8)	7	10.675	1.525	28.690	< 0.0001
Year (Yr n = 2)	1	2.250	2.250	42.322	< 0.0001
AMF x Var	7	1.397	0.200	3.754	0.002
AMF x Yr	1	0.082	0.082	1.549	0.218
Var x Yr	7	1.166	0.167	3.132	0.007
AMF x Var x yr	7	0.640	0.091	1.720	0.120
Error	64				
Harvest index (HI)					
Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.767	0.767	19.626	< 0.0001
Variety (Var n = 8)	7	1.706	0.244	6.237	< 0.0001
Year (Yr n = 2)	1	0.535	0.535	13.696	0.000
AMF x Var	7	1.239	0.177	4.530	0.000
AMF x Yr	1	0.134	0.134	3.434	0.068
Var x Yr	7	2.244	0.321	8.207	< 0.0001
AMF x Var x yr	7	0.596	0.085	2.178	0.048
Error	64				
1000 grains weight (1000GWT)					
Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.012	0.012	0.276	0.601
Variety (Var n = 8)	7	0.457	0.065	1.510	0.180
Year (Yr n = 2)	1	0.078	0.078	1.804	0.184
AMF x Var	7	0.211	0.030	0.699	0.673

AMF x Yr	1	0.010	0.010	0.231	0.633
Var x Yr	7	0.255	0.036	0.844	0.555
AMF x Var x yr	7	0.153	0.021	0.507	0.827
Error	64				

Height

Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.000	0.000	0.008	0.931
Variety (Var n = 8)	7	0.863	0.123	28.096	< 0.0001
Year (Yr n = 2)	1	0.009	0.009	1.982	0.164
AMF x Var	7	0.021	0.003	0.693	0.678
AMF x Yr	1	0.000	0.000	0.013	0.909
Var x Yr	7	0.019	0.003	0.618	0.739
AMF x Var x yr	7	0.050	0.007	1.617	0.147
Error	64				

Tillers

Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.003	0.003	0.135	0.714
Variety (Var n = 8)	7	7.396	1.057	41.449	< 0.0001
Year (Yr n = 2)	1	4.389	4.389	172.169	< 0.0001
AMF x Var	7	0.424	0.061	2.374	0.032
AMF x Yr	1	0.300	0.300	11.782	0.001
Var x Yr	7	0.855	0.122	4.789	0.000
AMF x Var x yr	7	0.511	0.073	2.866	0.011
Error	64				

Heading

Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.006	0.006	4.996	0.029
Variety (Var n = 8)	7	0.687	0.098	79.494	< 0.0001
Year (Yr n = 2)	1	0.045	0.045	36.369	< 0.0001
AMF x Var	7	0.008	0.001	0.931	0.489
AMF x Yr	1	0.002	0.002	1.252	0.267
Var x Yr	7	0.112	0.016	12.947	< 0.0001
AMF x Var x yr	7	0.014	0.002	1.605	0.150
Error	64				

Maturity

Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.005	0.005	8.496	0.005
Variety (Var n = 8)	7	0.496	0.071	124.127	< 0.0001
Year (Yr n = 2)	1	0.089	0.089	155.334	< 0.0001
AMF x Var	7	0.005	0.001	1.240	0.295
AMF x Yr	1	0.003	0.003	5.389	0.023
Var x Yr	7	0.063	0.009	15.861	< 0.0001

AMF x Var x yr	7	0.006	0.001	1.624	0.145
Error	64				

Grain filling duration (GFD)

Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.001	0.001	0.089	0.767
Variety (Var n = 8)	7	0.622	0.089	11.249	< 0.0001
Year (Yr n = 2)	1	0.223	0.223	28.209	< 0.0001
AMF x Var	7	0.038	0.005	0.693	0.677
AMF x Yr	1	0.005	0.005	0.585	0.447
Var x Yr	7	0.533	0.076	9.643	< 0.0001
AMF x Var x yr	7	0.076	0.011	1.370	0.233
Error	64				

Fertility

Source of variation	df	SS	MS	F	P
AMF inoculation (AMF n = 2)	1	0.597	0.597	25.018	< 0.0001
Variety (Var n = 8)	7	0.511	0.073	3.060	0.008
Year (Yr n = 2)	1	2.183	2.183	91.508	< 0.0001
AMF x Var	7	0.770	0.110	4.611	0.000
AMF x Yr	1	0.252	0.252	10.576	0.002
Var x Yr	7	0.355	0.051	2.125	0.053
AMF x Var x yr	7	0.358	0.051	2.143	0.051
Error	64				
