

Table 1 Phenotypic correlation between agro-economic traits in a set of 96 upland genotypes of rice

CHAR.	DF	DM	LRS	DRS	LDS	LA	CI	ZTS	BLB	PHT	EBT	PL	PW	G/P	GW	GL	GB	GL/GB	KL	KB	KL/KB	F%
DM	0.994**																					
LRS	-.027	-.049																				
DRS	-.003	-.025	0.963**																			
LDS	-.153	-.167	0.494**	0.549**																		
LA	-.136	-.125	0.082	0.069	0.00																	
CI	0.014	-.013	.085	.054	.016	-.151																
ZTS	-.426**	-.429**	.242*	0.195	.210*	.045	-.065															
BLB	-.118	-.153	.185	.146	.008	-.043	.211*	-.086														
PHT	.297**	.289**	.005	-.036	-.207*	.158	-.067	-.153	.008													
EBT	.160	.157	-.046	-.088	-.130	-.176	-.001	-.062	-.023	.158												
PL	.040	.029	.012	.024	-.077	-.015	.000	.041	-.041	.159	-.317**											
PW	-.334**	-.330**	-.075	-.046	-.059	.080	-.114	.202*	-.133	-.027	-.106	.459**										
G/P	-.331**	-.327**	-.054	-.003	.034	.118	-.141	.157	-.110	-.066	-.193	.468**	.825**									
GW	-.328**	-.324**	.049	.037	.110	.164	-.079	.290**	-.234*	-.021	-.233*	.231*	.523**	.288**								
GL	-.026	.039	.077	.086	.011	.169	-.084	-.072	-.016	-.035	.073	.061	.159	.012	.377**							
GB	-.283**	-.293**	-.086	-.049	-.016	-.144	-.106	.148	-.155	-.085	-.113	.199	.369**	.272**	.337**	.141						
GL/GB	.246*	.247*	.102	.083	-.007	.205*	.048	-.191	.111	.024	.130	-.128	-.227*	-.230*	-.052	.522**	-.746**					
KL	.009	-.003	.114	.136	.083	.139	-.229*	-.099	-.060	-.012	.125	.071	.176	.058	.358**	.825**	.197	.373**				
KB	-.355**	-.360**	-.012	.009	.113	-.082	-.149	.215*	-.150	-.106	-.032	.116	.407**	.294**	.389**	.148	.832**	.675**	.210*			
KL/KB	.291**	.290**	.076	.073	-.023	.178	-.017	-.213*	.098	.057	.111	-.061	-.235*	-.228*	-.070	.419**	-.609	.866**	.473**	-.734**		
F%	-.375**	-.369**	.096	.105	.097	.239*	.014	.283**	-.108	.032	.014	.046	.476**	.512**	.367**	.137	.171	-.083	.126	.245*	-.133	
Seed Yield	-.018	-.019	.042	.051	.059	-.021	-.059	.116	-.228*	.126	.595**	.072	.485**	.356**	.249*	.336*	.127	.075	.339**	.262**	.001	.458**

Note: DF-days to 50% flowering, DM-days to maturity, LRS-Leaf rolling score, DRS-drought recovery score, LDS-leaf drying score, LA-Leaf area, CI- Chlorophyll index, ZTS-zinc tolerance score, BLB-Bac. leaf blight score, PHT-plant height, EBT-effective bearing tillers, PL-panicle length, PW-panicle weight, G/P-grains/panicle, GW-1000-grain weight, GL-grain length, GB-grain breadth, GL/GB-grain length/breadth ratio, KL-kernel length, KB-kernel breadth, KL/KB-kernel length/breadth ratio, F%-fertility %, SY-seed yield/plant