

Table S1. Summary of analysis of variance of rice and weedy rice under heat and drought stress.

VF	DF	Mean Squares								
		Plant height	Tiller N ^o	SPAD	A	G _s	C _i	E	WUE	Yield
Blocks	2	106.1	0.429	11.021	5.288	0.001	430.373	0.261	2.237317	2.540297
Treatment	2	524.297**	14.619 ns	131.534**	393.398**	0.077**	84013.552**	19.682**	625.653029**	9.878125**
Error a	4	162.611	11.048	36.401	13.431	0.002	322.546	0.1287	9.598	0.451
Biotype	6	486.727**	94.550**	506.051**	74.533**	0.011ns	3899.725ns	1.237ns	28.115473ns	45.830751**
Interaction	12	452.063**	7.693*	223.231ns	137.606**	0.002**	4297.194**	0.894**	72.045817**	2.029362ns
Error b	36	94.89	3.138	35.485	15.057	0.002	1508.904	0.245	7.091	1.038

* - significant at 5% by the F test. ** - significant at 1% by the F test. ns – Shows no-differences. SPAD: chlorophyll meter evaluations; A: photosynthetic rate; G_s: stomatal conductance; C_i: intercellular CO₂ concentration; E: transpiration rate; WUE: water use efficiency.



Figure S1. Distribution of sites where weedy rice biotypes used in the study were collected. Blue: Dom Pedrito-RS; Orange: Gaspar-SC; Red: São José do Rio do Peixe-PB; Yellow: Apodi-RN; and Purple: Bonfim-RR. Source: Google Maps, 2017.

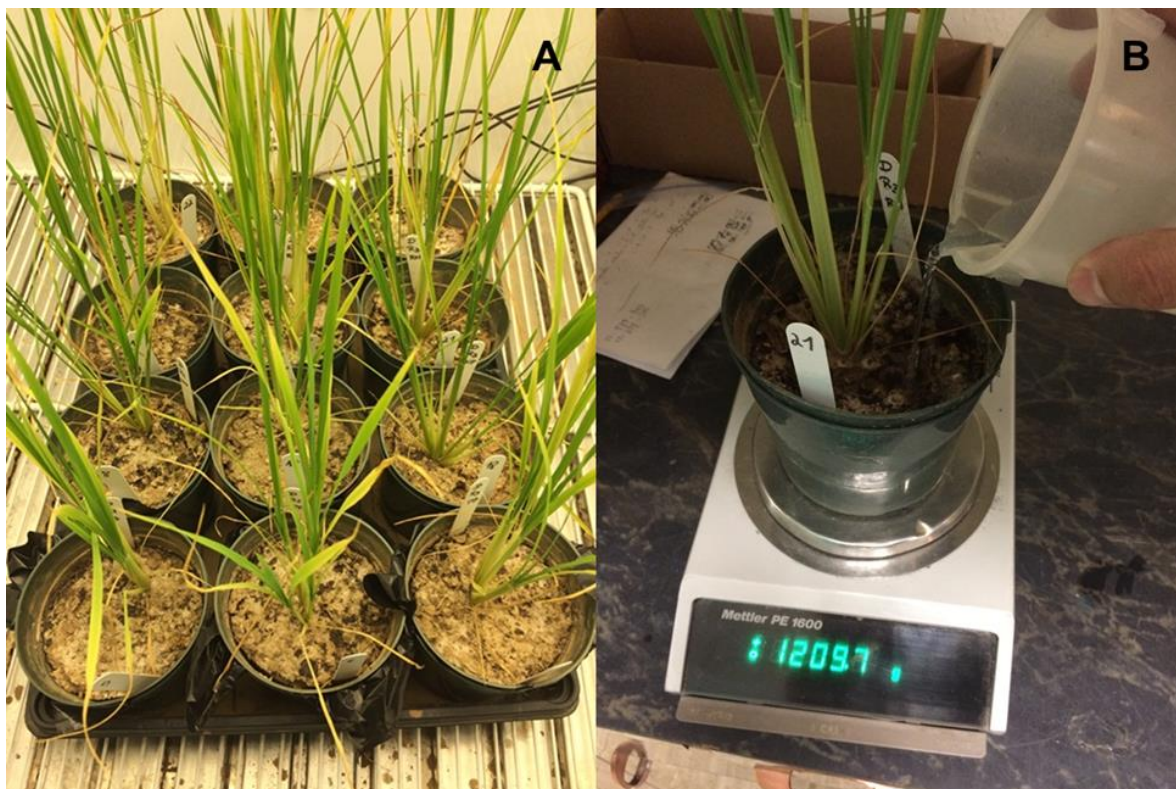


Figure S2. Drought stress induction. A: Rice and weedy rice plants under drought stress; B: Daily water replacement to 50% of the field capacity.