

<b>S5 Table. GEBVs of BW parents and the top 10% of the SDLs within the population under heat stress.</b>				
BW Parents	SYN Parents	Cross	Ave. Yield GEBV	% increase/decrease GEBV
<b>3570</b>			<b>0.64</b>	
3570	SYNP14	BC	0.55	-14
<b>CACUKE</b>			<b>0.15</b>	
CACUKE	SYNP5	BC	0.46	215
CACUKE	SYNP16	BC	0.50	243
CACUKE	SYNP43	BC	0.62	322
<b>GONDO// SHA5/WEAVER/3/PASTOR</b>			<b>0.03</b>	
GONDO// SHA5/WEAVER/3/PASTOR	SYNP7	BP	0.45	42
<b>HS420</b>			<b>0.24</b>	
HS420	SYNP13	BC	0.59	142
<b>KIRITATI</b>			<b>0.42</b>	
KIRITATI	SYNP5	BC	0.43	2
<b>KRL19</b>			<b>0.25</b>	
KRL19	SYNP18	BC	0.49	95
KRL19	SYNP36	BC	0.42	67
<b>MILAN/S87230//BAV92</b>			<b>0.65</b>	
MILAN/S87230//BAV92	SYNP4	BC	0.59	-9
MILAN/S87230//BAV92	SYNP4	BP	0.45	-30
MILAN/S87230//BAV92	SYNP17	BC	0.49	-24
MILAN/S87230//BAV92	SYNP17	BP	0.57	-12
MILAN/S87230//BAV92	SYNP20	BC	0.53	-18
MILAN/S87230//BAV92	SYNP20	BP	0.41	-37
MILAN/S87230//BAV92	SYNP21	BP	0.61	-6
MILAN/S87230//BAV92	SYNP21	BC	0.62	-4
MILAN/S87230//BAV92	SYNP23	BC	0.58	-10
MILAN/S87230//BAV92	SYNP27	BC	0.58	-10
MILAN/S87230//BAV92	SYNP39	BC	0.51	-21
MILAN/S87230//BAV92	SYNP39	BP	0.49	-24
<b>MINO</b>			<b>0.24</b>	
MINO	SYNP36/4/GONDO// SHA5/WEAVER/3/PASTOR	TC	0.50	108
<b>MUU</b>			<b>-0.33</b>	
MUU	SYNP34	BP	0.55	69
<b>PANDORA</b>			<b>-0.01</b>	
PANDORA	SYNP1	BC	0.64	63
PANDORA	SYNP14	BP	0.59	58
PANDORA	SYNP19	BP	0.43	42
PANDORA	SYNP19	BC	0.46	45
PANDORA	SYNP21	BP	0.53	52
PANDORA	SYNP26	BC	0.49	48
<b>PBW502</b>			<b>0.65</b>	
PBW502	SYNP22//KIRITATI	TC	0.48	-26
PBW502	SYNP5	BC	0.42	-35
PBW502	SYNP25	BC	0.52	-20
<b>SUNCO/2*PASTOR</b>			<b>0.11</b>	
SUNCO/2*PASTOR	SYNP27	BC	0.58	427
SUNCO/2*PASTOR	SYNP5	BC	0.47	327
SUNCO/2*PASTOR	SYNP43	BC	0.49	345
<b>TAM200/TUI</b>			<b>0.25</b>	
TAM200/TUI	SYNP2	BC	0.48	92
TAM200/TUI	SYNP3	BP	0.41	64
TAM200/TUI	SYNP4	BC	0.42	68