

Genetic variability and association of yield and yield components among bread wheat genotypes under drought-stressed conditions

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Appendix 1. List of genotypes considered in the study.

Gen Code	Name	Pedigree	Gen code	Name	Pedigree
YS-1	ETW17-268	Meraro/HA304	YS-61	ETW17-351	FRANCOLIN #1
YS-2	ETW17-269	KAUZ//MON/CROW/4/SERI.1B//KAUZ/HEVO/3/AMAD	YS-62	ETW17-352	FRANCOLIN #1/3/PBW343*2/KUKUNA*2//YANAC
YS-3	ETW17-270	KAUZ//MON/CROW/4/SERI.1B//KAUZ/HEVO/3/AMAD	YS-63	ETW17-353	FRET2*2/4/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ*2/5/BOW/URES//2*WEAVER/3/CROC_1/AE.SQUAR ROSA (213)//PGO/6/WAXWING/PARUS//WAXWING/KIRITATI/7/FRET2/KUKUNA//FRET2/3/PARUS/5/FRET 2*2/4/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ
YS-4	ETW17-271	SERI.1B*2/3/KAUZ*2/BOW//KAUZ/4/TEVEE'S/B OBWHITE #1	YS-64	ETW17-354	FRET2*2/4/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ*2/5/KITE/6/SERI.1B//KAUZ/HEVO/3/AMAD*2/4/KIR ITATI/7/FRET2*2/4/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ/5/TNMU/6/FRET2*2/4/SNI/TRAP#1/3/KAUZ *2/TRAP//KAUZ
YS-5	ETW17-272	DEBEIRA/4/KAUZ//ALTAR 84/AOS/3/KAUZ	YS-65	ETW17-355	FRET2/KUKUNA//FRET2/3/PARUS/5/FRET2*2/4/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ*2/6/WBLL1/K UKUNA//TACUPETO F2001/3/UP2338*2/VIVITSI
YS-6	ETW17-273	ATTILA 50Y//ATTILA/BCN/3/PFAU/MILAN	YS-66	ETW17-356	FRET2/KUKUNA//FRET2/3/WHEAR/4/FRET2*2/KUKUNA/5/SERI.1B//KAUZ/HEVO/3/AMAD*2/4/KIRI TATI
YS-7	ETW17-274	OPATA/RAYON//KAUZ/3/2*MILAN/DUCULA	YS-67	ETW17-357	GLADIUS/5/2*W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1
YS-8	ETW17-275	QADANFER-11/REBWAH-11	YS-68	ETW17-358	GW322/6/FRET2/KUKUNA//FRET2/3/TNMU/5/FRET2*2/4/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ/7/KIN GBIRD #1//INQALAB 91*2/TUKURU
YS-9	ETW17-276	JAWAHIR-1/GIRWILL-5	YS-69	ETW17-359	HW2045/3/WAXWING/SRTU//WAXWING/KIRITATI/4/KINGBIRD #1//INQALAB 91*2/TUKURU
YS-10	ETW17-277	JAWAHIR-1/GIRWILL-5	YS-70	ETW17-361	KACHU/5/NAC/TH.AC//3*PVN/3/MIRLO/BUC/4/2*PASTOR/6/SERI.1B//KAUZ/HEVO/3/AMAD*2/4/KI RITATI/7/TACUPETO F2001/BRAMBLING*2//KACHU
YS-11	ETW17-279	ATTILA/3*BCN//FLAG-2	YS-71	ETW17-362	KACHU/SAUAL*2//KINGBIRD #1

YS-12	ETW17-280	NJORO SD-7//VEE/NAC	YS-72	ETW17-363	KAUZ//ALTAR 84/AOS/3/MILAN/KAUZ/4/SAUAL/5/SERI.1B//KAUZ/HEVO/3/AMAD*2/4/KIRITATI/6/KACHU/SAUAL
YS-13	ETW17-281	SERI.1B//KAUZ/HEVO/3/AMAD/4/FLAG-2	YS-73	ETW17-364	KRONSTAD F2004/3/TRCH/SRTU//KACHU/4/TRCH/SRTU//KACHU
YS-14	ETW17-282	CROC-1/AE.SQUARROSA (224)//OPATA/3/FLAG-7	YS-74	ETW17-365	LIVINGSTON/5/2*W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1
YS-15	ETW17-283	SERI.1B//KAUZ/HEVO/3/AMAD/4/FLAG-2	YS-75	ETW17-366	MEX94.27.1.20/3/SOKOLL//ATTILA/3*BCN*2/4/SUNCO/2*PASTOR//EXCALIBUR
YS-16	ETW17-284	KAUZ/PASTOR//FLAG-4	YS-76	ETW17-367	MEX94.27.1.20/3/SOKOLL//ATTILA/3*BCN*2/6/OASIS/5*BORL95/5/CNDO/R143//ENTE/MEXI75/3/AE.SQ/4/2*OCI
YS-17	ETW17-285	SERI.1B//KAUZ/HEVO/3/AMAD/4/FLAG-2	YS-77	ETW17-368	MP4010/3/TRCH/SRTU//KACHU/4/KINGBIRD #1//INQALAB 91*2/TUKURU
YS-18	ETW17-286	ENKOY/FLAG-5	YS-78	ETW17-369	MUNAL #1/3/KINGBIRD #1//INQALAB 91*2/TUKURU
YS-19	ETW17-287	ICARDA-SRRL-9/JAWAHIR-22	YS-79	ETW17-370	MUTUS/DANPHE #1/4/C80.1/3*BATAVIA//2*WBLL1/3/C80.1/3*QT4522//2*PASTOR
YS-20	ETW17-288	KBG-01/FLAG-7	YS-80	ETW17-372	PASTOR//HXL7573/2*BAU/3/SOKOLL/WBLL1/4/OR 9437534/SOKOLL//SOKOLL
YS-21	ETW17-290	FLAG-3/ICARDA-SRRL-5	YS-81	ETW17-373	PASTOR//HXL7573/2*BAU/3/SOKOLL/WBLL1/4/T.TAU.83.2.36//SUNCO/2*PASTOR/5/W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1
YS-22	ETW17-291	CROC1/AE.SQUARROSA(205)//KAUZ/3/ATTILA/4/FLAG-1	YS-82	ETW17-374	PASTOR//HXL7573/2*BAU/3/SOKOLL/WBLL1/5/CROC_1/AE.SQUARROSA (213)//PGO/3/CMH81.38/2*KAUZ/4/BERKUT/6/W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1
YS-23	ETW17-292	CROC-1/AE.SQUARROSA (224)//OPATA/3/FLAG-7	YS-83	ETW17-375	PASTOR//HXL7573/2*BAU/3/SOKOLL/WBLL1/6/OASIS/5*BORL95/5/CNDO/R143//ENTE/MEXI75/3/AE.SQ/4/2*OCI/7/W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1
YS-24	ETW17-293	P1.861/RDWG/4/KAUZ//ALTAR 84/AOS/3/KAUZ	YS-84	ETW17-376	PASTOR//HXL7573/2*BAU/3/WBLL1/4/SOKOLL/3/PASTOR//HXL7573/2*BAU
YS-25	ETW17-294	KAUZ//MON/CROW?S?/3/VEE/PJN//2*KAUZ	YS-85	ETW17-377	PBW343*2/KHVAKI//PARUS/3/PBW343/PASTOR/4/MARCHOUCH*4/SAADA/3/2*FRET2/KUKUNA//FRET2
YS-26	ETW17-295	KAUZ//MON/CROW?S?/4/SERI.1B//KAUZ/HEVO/3/AMAD	YS-86	ETW17-378	PBW343*2/KUKUNA*2//FRTL/PIFED/3/BECARD/KACHU
YS-27	ETW17-296	KAUZ//MON/CROW?S?/4/SERI.1B//KAUZ/HEVO/3/AMAD	YS-87	ETW17-379	PBW343*2/KUKUNA*2//KITE/3/ATTILA*2/PBW65*2//YANAC/4/SAUAL/YANAC//SAUAL
YS-28	ETW17-297	SERI.1B*2/3/KAUZ*2/BOW//KAUZ/4/TEVEE'S/BOBWHITE #1	YS-88	ETW17-380	PRL/2*PASTOR*2/5/CROC_1/AE.SQUARROSA (205)//BORL95/3/PRL/SARA//TSI/VEE#5/4/FRET2
YS-29	ETW17-298	DEBEIRA/4/KAUZ//ALTAR 84/AOS/3/KAUZ	YS-89	ETW17-381	PRL/2*PASTOR*2/7/TUKURU//BAV92/RAYON/6/NG8201/KAUZ/4/SHA7//PRL/VEE#6/3/FASAN/5/MILAN/KAUZ
YS-30	ETW17-299	SERI.1B//KAUZ/HEVO/3/AMAD/4/PFAU/MILAN	YS-90	ETW17-383	ROLF07*2/KIRITATI*2/10/PFAU/WEAVER*2//BRAMBLING/9/RABE/6/WRM/4/FN/3*TH//K58/2*N/3/AUS-6869/5/PELOTAS-ARTHUR/7/2*RABE/8/IRENA
YS-31	ETW17-301	HUBARA-5/ANGI-1	YS-91	ETW17-384	ROLF07/4/WBLL1/KUKUNA//TACUPETO F2001/3/UP2338*2/VIVITSI/5/SAUAL/MUTUS
YS-32	ETW17-302	SERI.1B//KAUZ/HEVO/3/AMAD/4/KAUZ/FLORKWA-1	YS-92	ETW17-385	ROLF07/SAUAL*2/5/SERI.1B//KAUZ/HEVO/3/AMAD*2/4/KIRITATI
YS-33	ETW17-303	SERI.1B//KAUZ/HEVO/3/AMAD/4/PFAU/MILAN	YS-93	ETW17-386	ROLF07/SAUAL/4/SHA7/VEE#5//ARIV92/3/PBW343*2/KUKUNA/5/ROLF07/SAUAL
YS-34	ETW17-304	SOMAMA-9/NEJMAH-18	YS-94	ETW17-387	SAAR//PBW343*2/KUKUNA/3/ROLF07/YANAC//TACUPETO F2001/BRAMBLING/6/CNO79//PF70354/MUS/3/PASTOR/4/BAV92*2/5/FH6-1-7
YS-35	ETW17-305	QAFZAH-35/AMIR-2	YS-95	ETW17-388	SAUAL/3/KAUZ/PASTOR//PBW343/4/KINGBIRD #1/5/SAUAL/KRONSTAD F2004
YS-36	ETW17-306	KAUZ//ALTAR 84/AOS/3/MILAN/DUCULA	YS-96	ETW17-389	SAUAL/3/KAUZ/PASTOR//PBW343/4/TRCH/SRTU//KACHU/5/SAUAL//PI 610750/ATTILA/3/SAUAL
YS-37	ETW17-307	ESDA/SHWA/BCN/3/MILAN/PASTOR	YS-97	ETW17-390	SAUAL/3/SW89.3064//CMH82.17/SERI/4/SAUAL/5/MUU #1/SAUAL//MUU
YS-38	ETW17-308	PFAU/MILAN	YS-98	ETW17-391	SAUAL/MUTUS*2//PICAFLOR #1
YS-39	ETW17-309	KAUZ//ALTAR 84/AOS 3/KAUZ/3/ATTILA 50Y//ATTILA/BCN/4/PASTOR-6	YS-99	ETW17-392	SAUAL/MUTUS/3/TACUPETO F2001/BRAMBLING//KIRITATI
YS-40	ETW17-310	SAMIRA-9	YS-100	ETW17-394	SOKOLL/WBLL1/4/2*SOKOLL/3/PASTOR//HXL7573/2*BAU

YS-41	ETW17-312	SHUHA-4//NS732/HER/3/ANGI-1	YS-101	ETW17-395	SUP152/3/TRCH/SRTU//KACHU
YS-42	ETW17-313	CROC-1/AE.SQUARROSA (224)//OPATA/3/FLAG-7	YS-102	ETW17-396	TACUPETO F2001/BRAMBLING/5/NAC/TH.AC//3*PVN/3/MIRLO/BUC/4/2*PASTOR*2/6/TRCH/SRTU//KACHU
YS-43	ETW17-314	KBG-01/FLAG-7	YS-103	ETW17-397	TACUPETO F2001/BRAMBLING/5/NAC/TH.AC//3*PVN/3/MIRLO/BUC/4/2*PASTOR*2/6/WAXWING/SRTU//WAX WING/KIRITATI
YS-44	ETW17-315	SERLIB//KAUZ/HEVO/3/AMAD/4/FLAG-2	YS-104	ETW17-398	TC870344/GUI//TEMPORALERA M 87/AGR/3/2*WBLL1/5/ONIX/4/MILAN/KAUZ//PRINIA/3/BAV92
YS-45	ETW17-316	KAUZ/PASTOR//FLAG-4	YS-105	ETW17-399	TILHI/SOKOLL/8/2*ATTILA*2/PBW65/6/PVN//CAR422/ANA/5/BOW/CROW//BUC/PVN/3/YR/4/TRAP# 1/7/ATTILA/2*PASTOR
YS-46	ETW17-317	ENKOY/FLAG-5	YS-106	ETW17-400	TRAP#1/BOW/3/VEE/PJN//2*TUI/4/BAV92/RAYON/5/KACHU #1*2/8/ATTILA*2/PBW65/6/PVN//CAR422/ANA/5/BOW/CROW//BUC/PVN/3/YR/4/TRAP#1/7/ATTILA/ 2*PASTOR
YS-47	ETW17-318	SOMAMA-9/ICARDA-SRRL-2	YS-107	ETW17-401	TUKURU//BAV92/RAYON/6/NG8201/KAUZ/4/SHA7//PRL/VEE#6/3/FASAN/5/MILAN/KAUZ*2/7/PVN
YS-48	ETW17-319	SERI.1B*2/3/KAUZ*2/BOW//KAUZ/4/PFAU/MIL AN	YS-108	ETW17-402	TUKURU//BAV92/RAYON/6/NG8201/KAUZ/4/SHA7//PRL/VEE#6/3/FASAN/5/MILAN/KAUZ/7/CIRNO C 2008/8/SAUAL/KRONSTAD F2004
YS-49	ETW17-320	HUBARA-1/5/CHEN/AEGILOPS SQUARROSA (TAUS)//BCN/3/VEE#7/BOW/4/PASTOR	YS-109	ETW17-403	TUKURU//BAV92/RAYON/6/NG8201/KAUZ/4/SHA7//PRL/VEE#6/3/FASAN/5/MILAN/KAUZ/7/SERI.1 B//KAUZ/HEVO/3/AMAD*2/4/KIRITATI/8/ATTILA*2/PBW65*2//W485/HD29
YS-50	ETW17-321	SERI.1B//KAUZ/HEVO/3/AMAD/4/SHUHA- 7//SERI 82/SHUHA'S'	YS-110	ETW17-404	TUKURU//BAV92/RAYON/6/NG8201/KAUZ/4/SHA7//PRL/VEE#6/3/FASAN/5/MILAN/KAUZ/7/TRCH/S RTU//KACHU
YS-51	ETW17-339	BAJ #1*2/CIRNO C 2008	YS-111	ETW17-405	W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1*2/5/SOKOLL//SUNCO/2*PASTOR
YS-52	ETW17-340	BAVIS #1/5/W15.92/4/PASTOR//HXL7573/2*BAU/3/WBL L1	YS-112	ETW17-406	W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1/5/SOKOLL/3/PASTOR//HXL7573/2*BAU
YS-53	ETW17-341	BAVIS #1/6/MTRWA92.161/PRINIA/5/SERI*3//RL6010/4* YR/3/PASTOR/4/BAV92	YS-113	ETW17-407	W15.92/4/PASTOR//HXL7573/2*BAU/3/WBLL1/8/BOW/VEE/5/ND/VG9144//KAL/BB/3/YACO/4/CHIL/6 /CASKOR/3/CROC_1/AE.SQUARROSA (224)//OPATA/7/PASTOR/MILAN/KAUZ/3/BAV92
YS-54	ETW17-342	BAVIS*2/4/PASTOR//HXL7573/2*BAU/3/SOKOL L/WBLL1	YS-114	ETW17-408	WAXWING//INQALAB 91*2/KUKUNA/3/WBLL1*2/TUKURU/8/2*NG8201/KAUZ/4/SHA7//PRL/VEE#6/3/FASAN/5/MILAN/KA UZ/6/ACHYUTA/7/PBW343*2/KUKUNA
YS-55	ETW17-343	BAVIS/8/BOW/VEE/5/ND/VG9144//KAL/BB/3/YA CO/4/CHIL/6/CASKOR/3/CROC_1/AE.SQUARRO SA (224)//OPATA/7/PASTOR/MILAN/KAUZ/3/BAV9 2	YS-115	ETW17-409	WAXWING/7/TNMU/6/CEP80111/CEP81165/5/IAC5/4/YKT406/3/AG/ASN//ATR/8/ATTILA/3*BCN//BA V92/3/TILHI/4/SHA7/VEE#5//ARIV92
YS-56	ETW17-344	BECARD #1/3/PBW343*2/KUKUNA//PBW343*2/KUKUNA	YS-116	Kekeba	Standard check
YS-57	ETW17-345	BECARD/KACHU/3/UP2338*2/KKTS*2//YANAC	YS-117	King bird	Standard check
YS-58	ETW17-346	C80.1/3*BATAVIA//2*WBLL1/3/PBW343*2/KUK UNA*2/8/SHA7//PRL/VEE#6/3/FASAN/4/HAAS84 46/2*FASAN/5/CBRD/KAUZ/6/MILAN/AMSEL/7/ FRET2*2/KUKUNA	YS-118	Ogolcho	Standard check

YS-59	ETW17-348	CHIR3/4/SIREN//ALTAR 84/AE.SQUARROSA (205)/3/3*BUC/5/PFAU/WEAVER/8/BOW/VEE/5/ ND/VG9144//KAL/BB/3/YACO/4/CHIL/6/CASKO R/3/CROC_1/AE.SQUARROSA (224)//OPATA/7/PASTOR//MILAN/KAUZ/3/BAV9 2	YS-119	Dereselegn	Standard check
YS-60	ETW17-350	CROC_1/AE.SQUARROSA (205)//BORL95/3/PRL/SARA//TSI/VEE#5/4/FRET2 /5/SNI/TRAP#1/3/KAUZ*2/TRAP//KAUZ/4/PARU S/PASTOR	YS-120	Bikan	Standard check