-2.0
0.0
2.0
Cold(Freeze_Resistance_SD16029)
Cold(Freeze_Susceptible_SD16169)
Heat_stress(40℃)
Drought_stress(Drought_susceptible_WL711)
Drought_stress(Drought_tolerant_C306)
No_potassium_fertilization
No_magnesium_fertilization
Low_nitrogen_fertilization
No_phosphate_fertilization
No_sulfate_fertilization
VII_Traes_4AS_9EEABCE1C.1
VII_Traes_4DL_8CE055F15.1
unclear_classification_Traes_5BL_8255FA524.1
VI_Traes_2BL_8CD42B820.1
VII_Traes_6DL_2A99B8CDC.1
IX_Traes_7DL_23C901DF6.1
V_Traes_6AL_38E8DCF06.1
VII_Traes_2BL_C8F030038.2
VI_Traes_2DL_F2BDA23BC.1
XVII_Traes_2BS_B973866E7.1
VI_Traes_2AL_C4CDAA081.1
unclear_classification_Traes_5BL_881FB6FDE.1
I_Traes_6AL_FE462C6F8.1
I_Traes_1BL_9C739A0B6.1
VII_Traes_5AS_3AFCAA6AC.2
unclear_classification_TRAES3BF171700070CFD_t1
VI_Traes_2AL_2224DCC1A.1
unclear_classification_TRAES3BF072300070CFD_t1
XII_Traes_1BS_BE81667BB.1
XII_Traes_4AS_FA3D49516.1
VI_Traes_2BL_2B45081D4.1
XIV_Traes_2DL_CC04FA45B.1
VI_Traes_3B_8732922B8.1
unclear_classification_TRAES3BF048200030CFD_t1
I_Traes_6DL_4F21B8BCE.1
XVIII_Traes_7AS_7232546E1.1
I_Traes_7AL_D1CAF31D3.1
V_Traes_7DS_F507E5C42.1
II_Traes_5BS_419BCF8CE.1
XVI_Traes_7DL_651CAFC08.1
V_Traes_2DL_59D2939D1.1
XVII_Traes_4DL_9D525390D.2
X_Traes_4AL_82DD84446.1
XVII_Traes_2DS_577286E6C.1
I_Traes_2BS_407669DEF.2
V_Traes_1BL_488EB8124.1
V_Traes_2AL_CF07AD4C3.1
unclear_classification_TRAES3BF082100020CFD_t1
I_Traes_1DS_3D2F70A22.1
I_Traes_1AS_6C84785B3.2
VI_Traes_4AL_0C8DFDE2B.1
V_Traes_4DL_A6041E3DC.1
V_Traes_7DL_CE37E2AF1.1
VI_Traes_2BL_E8A65526C.1
XII_Traes_1DS_578ADDF80.1
XVII_Traes_2AS_AB001AAB7.1
IX_Traes_2BL_52A703ADE.2
VI_Traes_2AL_52061871 2.1
VII_Traes_2AL_7EABAC855.1
VI_Traes_1AS_C70D49E2E.4
XVII_Traes_2AS_3161D54F8.1
XVII_Traes_2AS_64E41196E.1
XII_Traes_7DL_D99ED7064.1
XII_Traes_7AL_8096714 9B.1
II_Traes_1DS_A23800206.1
XIV_Traes_6BL_02C69069F.1
I_Traes_1BL_4831B07DA.1
XVII_Traes_5DL_D2F75A952.2
XIV_Traes_3AS_F441DDE21.1
XIV_Traes_3DS_1A3A001FA.1
V_Traes_7DL_46D8A0EC9.1
V_Traes_1DL_607C1A6E6.1
unclear_classification_TRAES3BF008800140CFD_t1
I_Traes_1AS_DEAC58FC4.1
I_Traes_2AS_647C2FAA9.1
IX_Traes_2BL_04FAB4405.1
V_Traes_6DL_3EF3193D0.1
XVI_Traes_6AS_D57E071EE.1
I_Traes_1AL_A982D9220.1
XVII_Traes_5BL_3ED1B0234.2
unclear_classification_Traes_4DL_EDE7DDD20.2
X_Traes_2AL_3FB8B316E.1
unclear_classification_TRAES3BF008800150CFD_t1
V_Traes_1AL_1F3A0CD1F.1
IX_Traes_5DL_011018E3C.1
unclear_classification_TRAES3BF089600110CFD_t1
XVII_Traes_2AS_EE549925C.1
XIV_Traes_2BL_6AB029724.1
V_Traes_5BL_1505DCD78.1
V_Traes_2BL_F12DFCD3F.1
VII_Traes_2AS_2B95E681C.1
VI_Traes_2BL_1B580814E.1
X_Traes_2BL_0B6B429A5.1
XVII_Traes_2DS_3E640A897.1
XVII_Traes_2BS_990895438.1
XVI_Traes_6AS_1F4965E2D.1
XV_Traes_2BS_430425C78.1
I_Traes_2AS_B5A4BD80F.1
XVII_Traes_2DS_EAD771DF4.1
XVI_Traes_7DL_602B9D252.1
XII_Traes_3AL_78711D4EB.1
XVII_Traes_2DS_090AF6B73.1
I_Traes_1BS_871E20CF0.1
XIV_Traes_3AS_7E7D5E614.1
XIV_Traes_6AL_4986D4968.1
I_Traes_4DL_4F52CA7F0.1
I_Traes_4AL_89CCB25EA.1
XVII_Traes_2BS_1702DBE8E.1
VI_Traes_2BL_429364671.1
V_Traes_1BL_63874F598.1
XVII_Traes_2DS_2CCCA54C1.1
XII_Traes_4BL_83EC83B10.1
I_Traes_1BS_A6CD7F6E9.1
V_Traes_7DS_E487665 5C.1
I_Traes_2AS_B61433E58.1
IX_Traes_6DS_9012BE7B3.1
I_Traes_5DL_AC0C3A9BD.1
I_Traes_2AS_C24F72BD8.1
XVIII_Traes_7BS_EB50DB903.1
VII_Traes_2DL_59D310517.2
XVI_Traes_6BS_0BDACE205.1
XVI_Traes_6AS_ADF96853B.1
IX_Traes_2AL_0A0101B75.1
XVI_Traes_7DL_560FF4990.1
XVII_Traes_2DS_708F03DA3.1
XVII_Traes_2BS_B6EBC0962.1
VI_Traes_2BL_B36482127.1
XVI_Traes_6AS_5BAD56BB6.1
I_Traes_2AL_D9106B0A2.1
VI_Traes_2AL_A45F6AEBE.1
XII_Traes_1DS_C0DC8B186.1
I_Traes_7DL_C074DC1F6.2
V_Traes_7DL_92A9F99F6.1
VII_Traes_2AS_007D8F7BD.1
unclear_classification_TRAES3BF089200050CFD_t1
XVII_Traes_2DS_D76AB139C.1
I_Traes_7AL_435AA3217.1
V_Traes_1AL_AD351F492.1
XVII_Traes_4AL_D25430175.1
XVII_Traes_4AL_DF55853C2.2
V_Traes_1AL_1DCEF18ED.1
II_Traes_7DL_3D602F140.1
unclear_classification_TRAES3BF008800130CFD_t1
II_Traes_7AL_AA1C50065.1
I_Traes_1BL_34402E888.1
XVI_Traes_7DL_DB6471BF0.1
unclear_classification_TRAES3BF008800120CFD_t1
I_Traes_2AS_3F25BD910.1
I_Traes_7DL_6EFFDA6D1.1
V_Traes_7DS_1DAA0FD56.1
XVII_Traes_2BS_19F05C27A.2
XIV_Traes_3AS_7C423CE32.1
I_Traes_2BS_9C71D6F5F.1
I_Traes_1AL_38F9A30EA.1
II_Traes_5DS_A4C9A4476.1
I_Traes_4BS_0742E3F1D.1
XVII_Traes_2DS_6973E2FF5.1
I_Traes_7DL_6233C6F03.1
V_Traes_1DL_DD8D1FAF1.1
V_Traes_4BL_4CC0E0AAA.1
I_Traes_2BS_299A69B8D.1
I_Traes_6DL_3F7FAE7F9.2
I_Traes_2DS_E6EDAED7B.1
V_Traes_1AL_91E56EC8C.1
VI_Traes_2AL_805027C23.1
V_Traes_2BL_FE218C93D.1
VI_Traes_2DL_FFB73A9AD.1
XII_Traes_1BS_BA046E212.1
VII_Traes_7BS_3878BF050.1
VII_Traes_7BS_984D5C4A3.1
IX_Traes_7AL_3E96F374E.2
IX_Traes_5BL_3476E951B.2
XVII_Traes_4DL_11FFF4AF4.2
I_Traes_1DS_D0F1CEB10.1
XVII_Traes_2BS_40C683B47.1
VII_Traes_7DS_F64FA7C37.1
XII_Traes_4DL_FB6118C7E.1
XVI_Traes_7DL_883CB0B5B.1
VII_Traes_7DS_F0152FC36.1
I_Traes_2BS_9D472D49F.1