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GENETIC ANALYSIS OF AGRONOMIC TRAITS OF WHEAT UNDER TER MINAL DROUGHT STRESS

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Introduction & Aim:

Drought is one of the most devastating environmental stresses plant breeders the reaction of plants to drought stress depends on several factors such as developmental stage, severity and duration of

to the estimation of components of variance; then, these variances can be used to predict genetic components such as additive and Drought is one of the most devastating environmental stresses GRPLQDQW HUHFWV RID SRSXODWLRQ ELZKLFK OLPLWLQJ WKH SURGXFWLYLW\VRMX度认UzLFX PYX PYX HDVRF URS OS OS SHIR NOW FURS \LHOG XQGHU ZDWHU GH; FLW FRQGHWLBBYCLHY SVOKHQ WUMPUDU WFRQ LHQ R FURVV FRPELQDWLRQV IRU GHYHORSPHQ

several factors such as developmental stage, severity and duration of attributes and future varietal development program.

LPSRUWDQFH DQG JHQRW\SH \$PRQJ WKH FURSV FRPPRQ ZKHDW LV WKH
PDLQ IRRG RI PRVW SHRSOH LQ WKH 控例例数 第年下的级点 以外外积 8分数 例外多数 例外 8 条件 R 的 公司 以外的 2000 以外的 200 WKH WRWDO DUHD XQGHU ZKHDW FXOWLYDWLRQ LQ WKH ZRUOGZLGH L' PLOOLRQ DFUHV LQ WKH , Q ZKHDW JHUPLQDWLRQ HVWLPDWHG DW

tillering and reproductive stages are considered as most sensitive traits to drought stress. Katerji reported that imposition of drought

VWUHVV GXULQJ ĤDU IRUPDWLRQ ĎQG ÀRZHULQJ VWDJHV RI ZKHDW UHGXFHG DQG LQ JUDLQ \LHOG DQG VWUDZ \LHOG

Drought tolerance is one of the leading components of yield stability

2QH HURUW WR LPSURYH ZKHDW WROHUDQFH WR GURXJKW VWUHVV LV WKURX. breeding program. Before setting the breeding and selection methods breeders need to correct the character of genetic information. One

ZD\ WR REWDLQ JHQHWLF LQIRUPDWLRQ LV 'LDOOHO FURVV DQDO\VLV 'LDOO DQDO\VLV FDQ EH GRQH XVLQJ GLuHUHQW PHWKRGV VXFK DV *ULvQJ ,Q WKLV PHWKRG WKH JHQHUDO FRPELQLQJ DELOLW\ DQG WKH VSHFL¿F FRPELQLQJ ability can be conducted by using the appropriate statistical model