

Supplementary Table S1. The varieties highly resistant to waterlogging stress.

Accession	Germination rate (%)		
	Rep1	Rep2	Average
Shannong 135	88.0	92.0	90.0
SN II-12	84.0	88.0	86.0
Shannong 397	84.0	100.0	92.0
Lumai 17	88.0	96.0	92.0
Shannong 420	88.0	84.0	86.0
Yan 278	96.0	92.0	94.0
Hemai no.3	96.0	88.0	92.0
Luyuan 646	88.0	96.0	92.0
Lumai 11	100.0	88.0	94.0
Shannong 919	88.0	92.0	90.0
Yan 180	92.0	96.0	94.0
Zimai no.2	92.0	92.0	92.0
Shannong 112281	88.0	88.0	88.0
Yan 672	96.0	88.0	92.0
Zhoumai 27	96.0	84.0	90.0
Jia 0316	88.0	96.0	92.0
Xin 0208	100.0	92.0	96.0
Shannong 650896	84.0	100.0	92.0
Shannong 566	88.0	84.0	86.0
Shannong 60205	92.0	96.0	94.0
SN III-11	88.0	96.0	92.0
Huaimai 18	88.0	92.0	90.0
Shixin 828	84.0	92.0	88.0
Shannong 113211	84.0	84.0	84.0
Shaan 943	84.0	96.0	90.0
Gaocheng 8901	84.0	96.0	90.0
Xu 5123	92.0	88.0	90.0