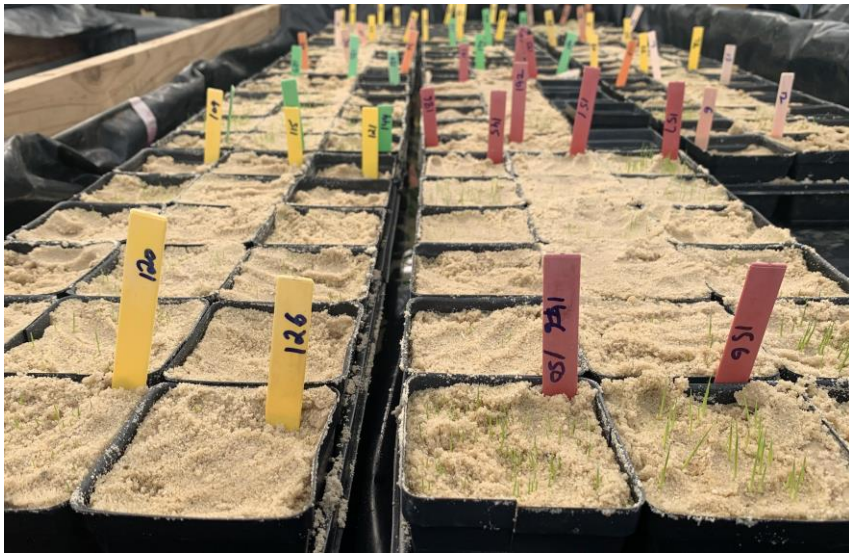
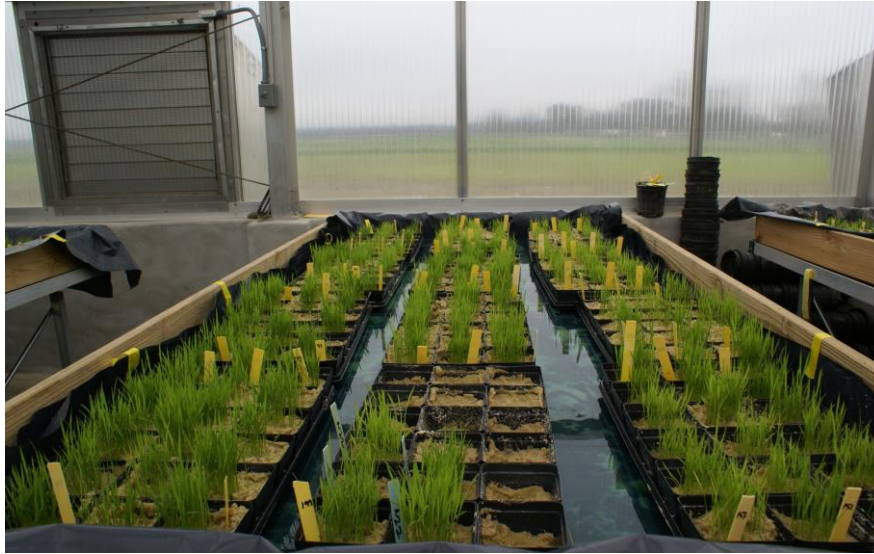


**A****B****C****D**

**Figure S2.** Alkalinity tolerance screening of RIL mapping population and parents in sand culture in the greenhouse experiment. A - Experimental setup for alkalinity stress screening at the seedling stage; B - one week old seedlings after germination; C - Performance of RILs under control experiment; D - Performance of RILs after 2 weeks of exposure to alkalinity stress.