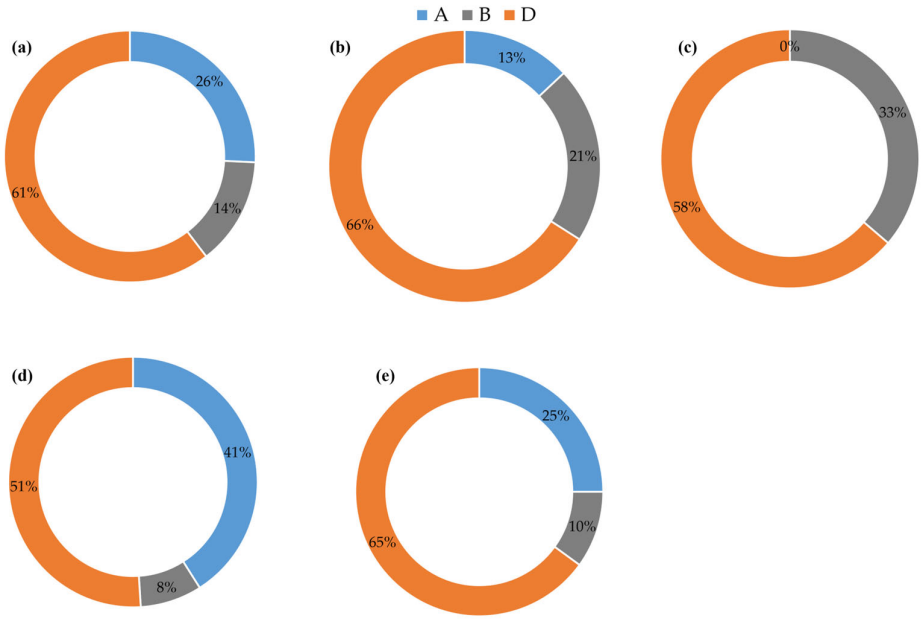


Figure S1: Contribution marker from genome A, B, and D, for all traits across all environments (a), at DON19/20 (b), at HUD19/20 (c), at MED19/20 (d), and at MED18/19 (e).

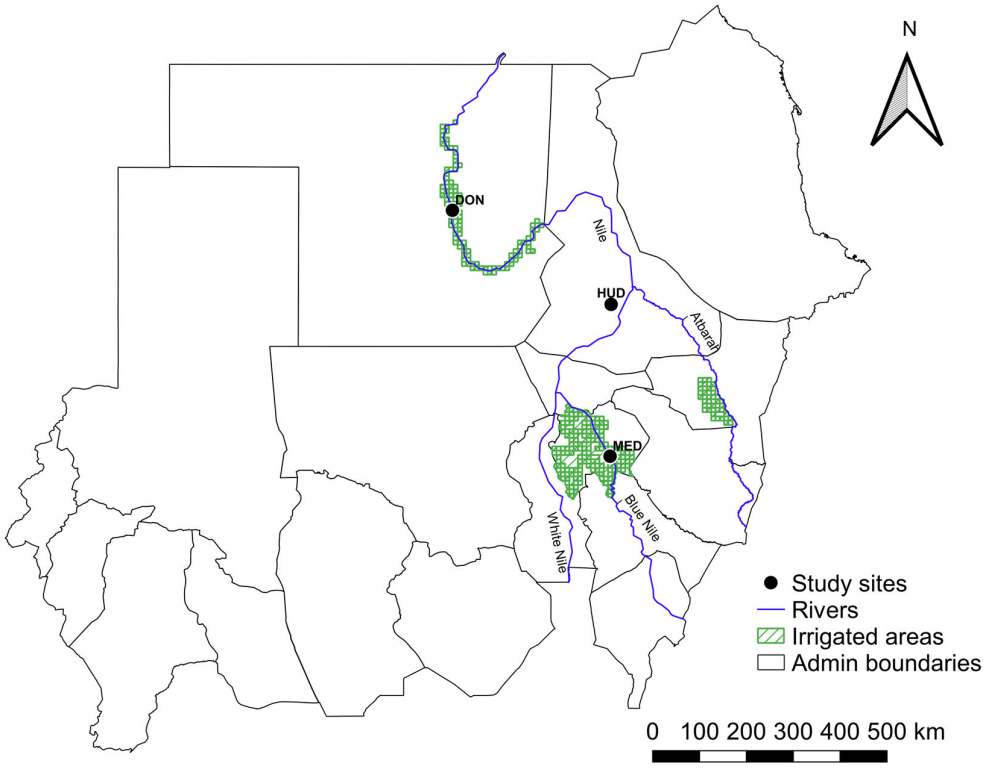


Figure S2. Trials sites in Sudan. DON, Dongola; HUD, Hudeiba; MED, WadMedani.