

Table 4. Broad sense ( $H^2$ ) estimates for phenotypic traits on location basis using mixed model

Plant Diameter (cm)	2023				2024				2025			
	LEX	PRN	QKS	WDF	LEX	PRN	QKS	WDF	LEX	PRN	QKS	WDF
	$H^2$											
	0.5	NA	0	0.06	0.59	0	0	0.08	0.60	0.13	0.34	0.47

Anthesis	2024				2025			
	LEX	PRN	QKS	WDF	LEX	PRN	QKS	WDF
	$H^2$							
	0.68	0.08	0.46	0.38	0.63	0.41	0.53	0.62

Spike Length (cm)	2024				2025			
	LEX	PRN	QKS	WDF	LEX	PRN	QKS	WDF
	$H^2$							
	0.61	0.63	0.81	0.73	0.66	0	0.81	0.56

Spike Count	2023				2024			
	LEX	PRN	QKS	WDF	LEX	PRN	QKS	WDF
	$H^2$							
	0.03	NA	NA	0	0.51	0.33	0	0.44