

Online Resource 4

Article title: Fine-mapping of the Fusarium head blight resistance QTL *Qfhs.ifa-5A* identifies two resistance QTL associated with anther extrusion

Journal: Theoretical and Applied Genetics

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TABLE S3 Analysis of variance of anther experiments for FHB severity measured 6, 10, 14, 18, and 22 days after inoculation (dai) for the fixed effects genotype, treatment and genotype-by-treatment interaction

	Mean square	F value	p-value
FHB severity dai(6)			
genotype	25781.0	111.3	0.002
treatment	11636.0	50.3	<0.001
genotype-by-treatment	14362.0	62.0	<0.001
error	231.6		
FHB severity dai(10)			
genotype	42526.0	135.1	<0.001
treatment	116577.0	370.35	<0.001
genotype-by-treatment	11545.0	36.68	<0.001
error	314.8		
FHB severity dai(14)			
genotype	60303.0	160.5	<0.001
treatment	58821.0	156.6	<0.001
genotype-by-treatment	4714.0	12.5	<0.001
error	375.7		
FHB severity dai(18)			
genotype	41012.0	110.4	<0.001
treatment	19332.0	52.0	<0.001
genotype-by-treatment	2285.0	6.2	0.023
error	371.6		
FHB severity dai(22)			
genotype	26028.3	75.7	<0.001
treatment	7880.0	22.9	0.001
genotype-by-treatment	900.3	2.6	0.128
error	343.8		