

Supplemental Table 1. Response of parental genotypes to stem rust assessed from 2008 to 2011 in Njoro, Kenya and Morden, Canada

Stem rust reaction	Parental genotype	Njoro, Kenya [#]			Morden, Canada ^{\$}	
		2008	2009	2010	2011	2010
Infection Response (IR)	Strongfield	MS	MSS	RMR	MSS	-
	A9919-BY5C	-	R	R	R	-
Severity (%)	Strongfield	60	20	5	40	-
	A9919-BY5C	-	1	0	10	-
Seedling Infection Type (IT)	Strongfield	-	-	-	-	0
	A9919-BY5C	-	-	-	-	1-1

[#]Ug99-type races (predominately TTKST, but also TTKSK and TTTSK in low proportions)

^{\$}Ug99 race TTKSK (isolate SA31)