

Company	Entry Name	2009					2008							2007									
		Incidence	Severity	Kernel Rating	FHB Index	ISK Index	Incidence	Severity	Kernel Rating	FHB Index	ISK Index	Winter Survival	DON	Incidence	Severity	Kernel Rating	FHB Index	ISK Index	Winter Survival	DON			
		(%)	(%)	(%) FDK	(0-100)	(0-100)	(%)	(%)	(%) FDK	(0-100)	(0-100)	(%)	(ppm)	(%)	(%)	(%) FDK	(0-100)	(0-100)	(%)	(ppm)			
Wilkin Seed Grains	Wilken W 106	76.3	40.0	37.0	29.4	49.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Wilkin Seed Grains	Wilken W 110	93.3	(-)	43.3	37.0	39.9	55.6	88.3	(-)	61.3	43.0	55.1	62.2	63.3	12.4	(+)	--	--	--	--	--		
Wilkin Seed Grains	Wilken W 124	--	--	--	--	--	--	93.3	(-)	38.5	(+)	33.0	(+)	36.0	(+)	52.9	(+)	93.3	(+)	16.2	--		
Wilkin Seed Grains	Wilken W 130	96.7	(-)	43.7	43.0	42.1	59.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Wilkin Seed Grains	Wilken W 135	85.0	(-)	48.1	37.0	40.5	54.6	88.3	(-)	52.6	37.0	(+)	46.8	56.9	76.7	(+)	13.8	(+)	--	--	--		
Wilkin Seed Grains	Wilken W 137	93.3	(-)	56.2	37.0	52.6	59.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Wilkin Seed Grains	Wilken W 161	76.7		52.3	28.0	(+)	38.4	50.0	83.3	(+)	51.1	38.0	(+)	42.6	(+)	55.7	100.0	(+)	10.8	(+)	--		
Wilkin Seed Grains	Wilken W 204	76.7		60.7	52.0	47.1	61.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Test Average	86.7		51.6	42.4	45.4	58.5	91.5		57.5	50.1	53.2	64.8	82.9	19.1		61.3	52.4	33.2	34.0	47.0	68.8	2.3
	LSD (0.05)	19.4		20.9	13.1	19.9	11.1	12.5		23.4	16.5	23.5	12.2	25.5	10.2		29.1	21.3	18.0	22.9	15.9	24.2	1.4

These data on selected varieties from the U of I trials are from Dr. Fred Kolb's breeding program.

The test nursery was inoculated and mist irrigated. Three replications of 3' rows were evaluated.

Incidence = the percent of heads in a row with symptoms.

Kernel rating = the percent of shriveled seed.

Varieties with greater resistance have lower numbers.

DON is the amount of vomitoxin in the grain

Severity = the percent of spikelets in a head with symptoms.

FHB Index = incidence x severity/100.

ISK Index combines incidence, severity, and the % shriveled seed.