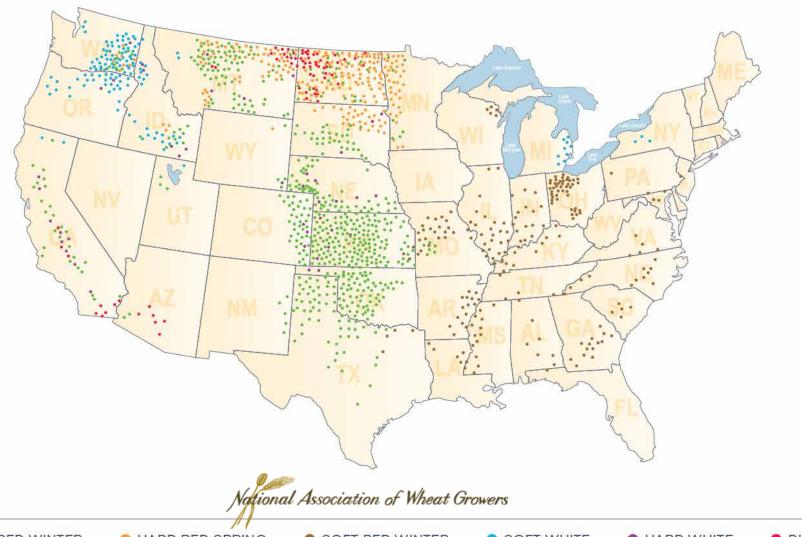


Fusarium Head Blight Risk Assessment Tool

* Planting moderately resistant varieties



HARD RED WINTER

HARD RED SPRING

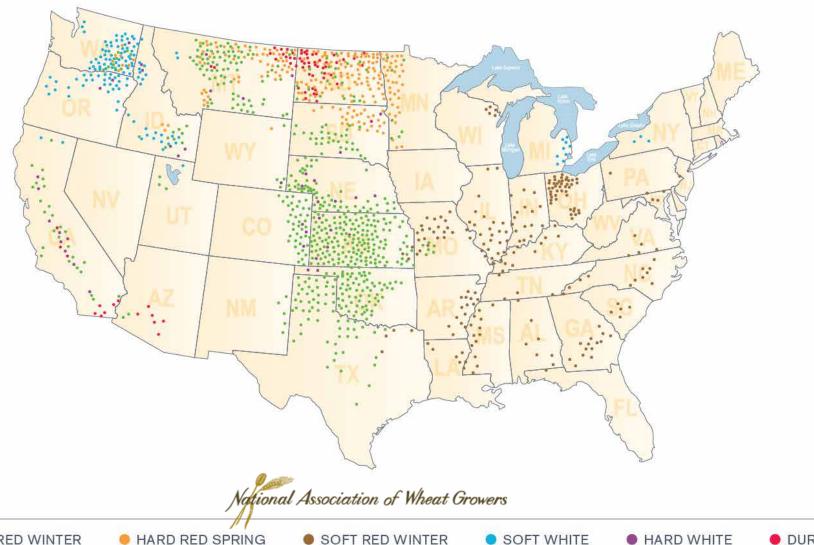
SOFT RED WINTER

SOFT WHITE

HARD WHITE

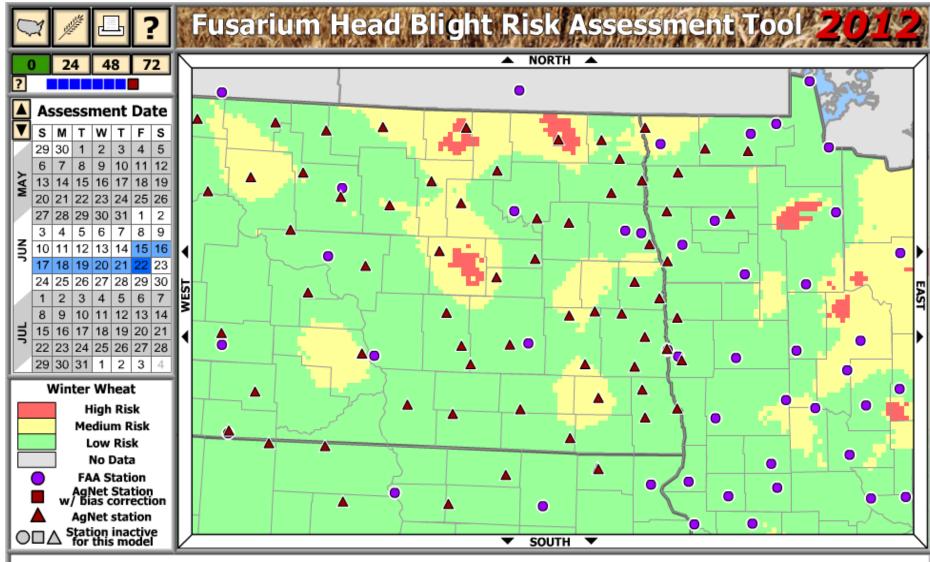
DURUM

* Planting moderately resistant varieties



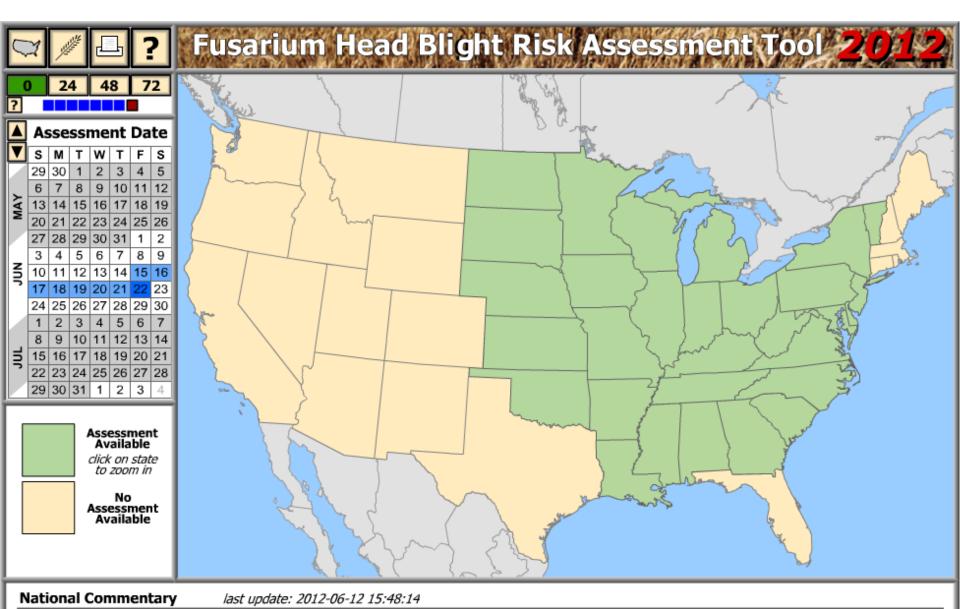
HARD RED WINTER

DURUM

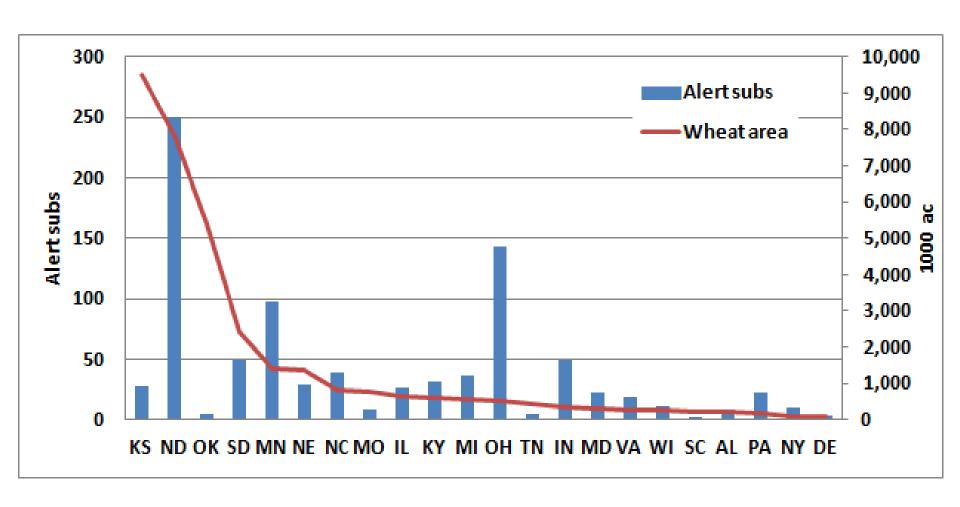


North Dakota Commentary last update: 2012-06-20 15:44:48 Marcia McMullen, Extension Plant Pathologist, North Dakota State University

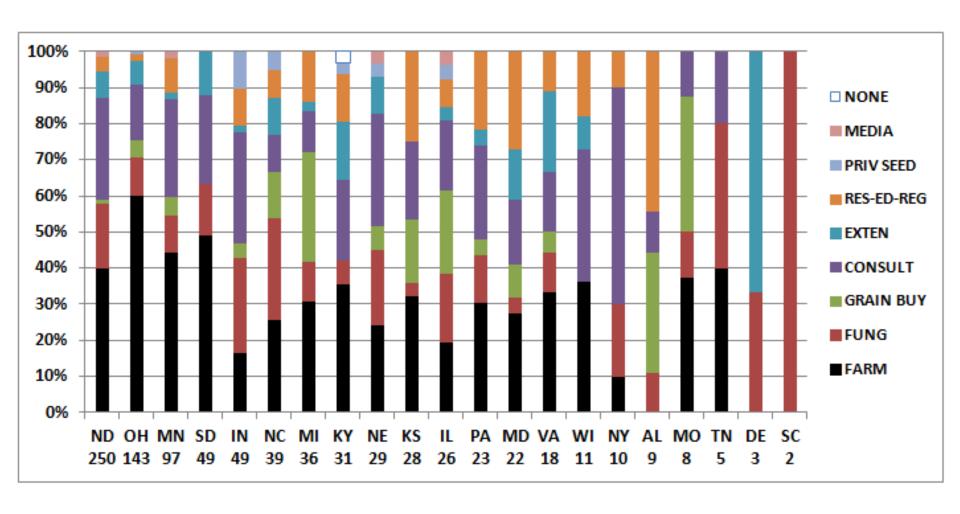
Moderate to high risk of Fusarium head blight (FHB) infection continues today, June 20th, for FHB susceptible flowering wheat cultivars in ND counties along the Canadian border, as well as pockets of risk exist in Benson and Wells counties. The degree of infection risk changes with the level of resistance in the variety, with much lower risk indicated for cultivars having moderate resistance to FHB.



The focus of the FHB prediction effort is now on North Dakota, South Dakota and Minnesota. Spring wheat in this area of the country generally will reach critical growth stages mid June in parts of SD and late June for southern ND. Current estimates of disease risk indicate moderate and high risk in some areas along the ND border with Canada.

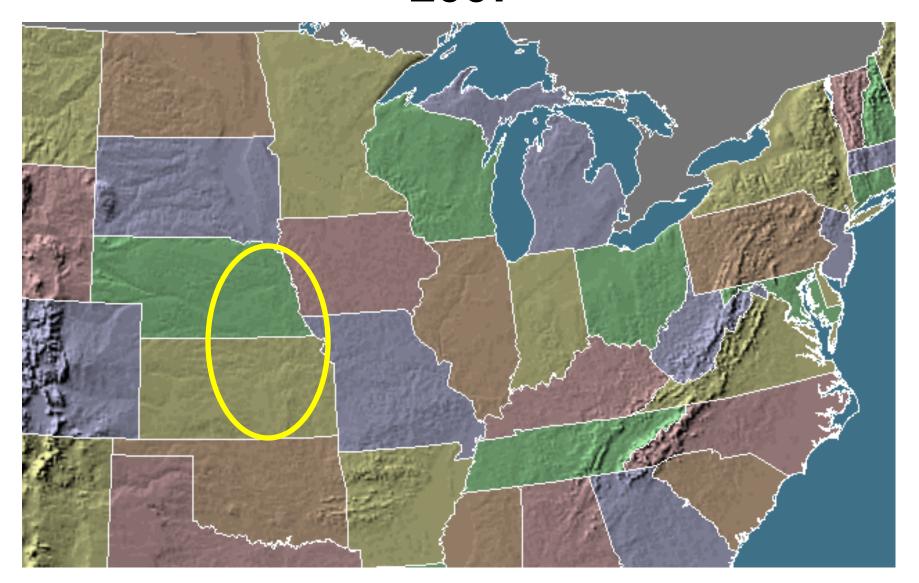




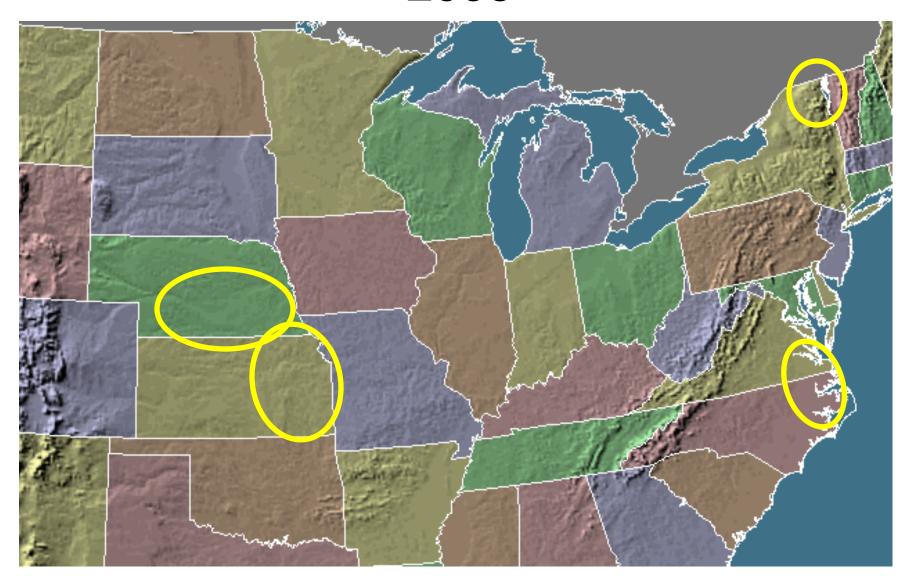


Total subs: 888

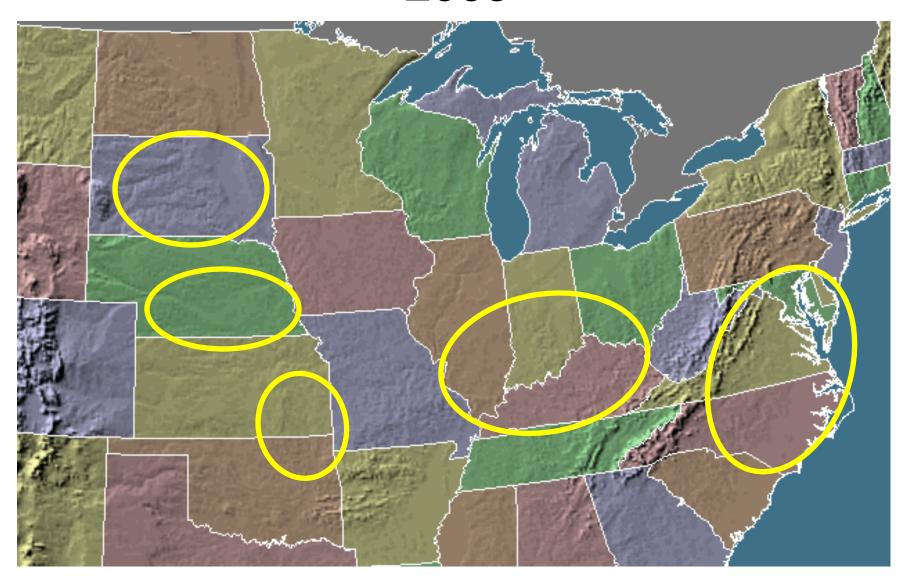




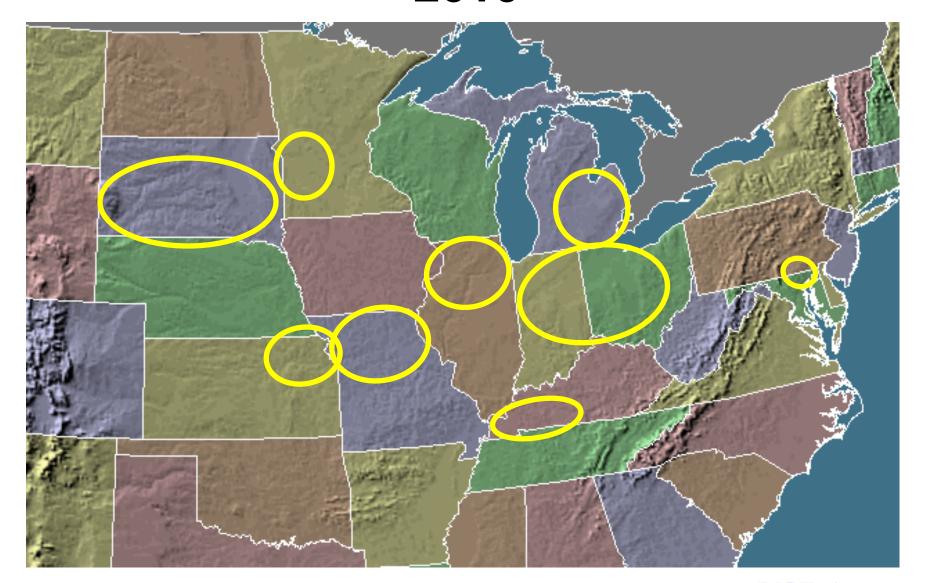




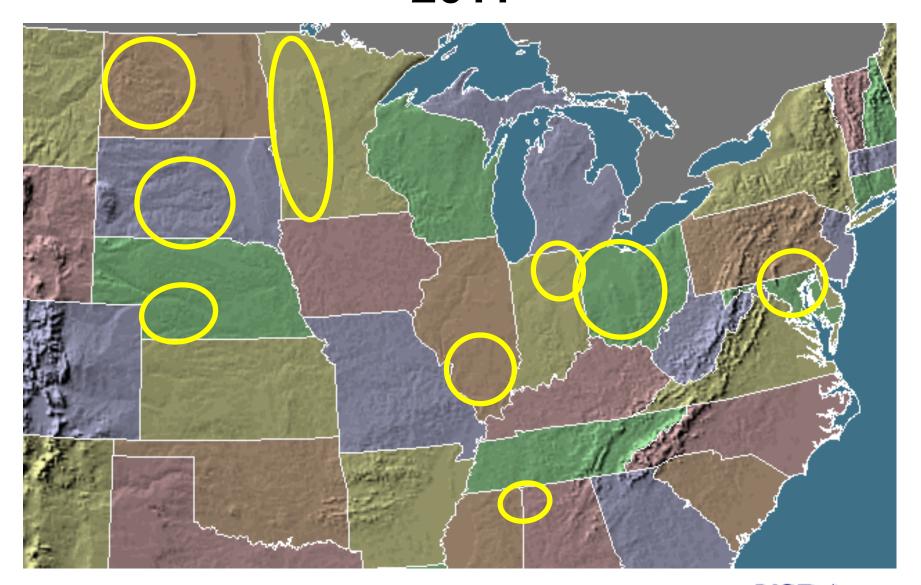




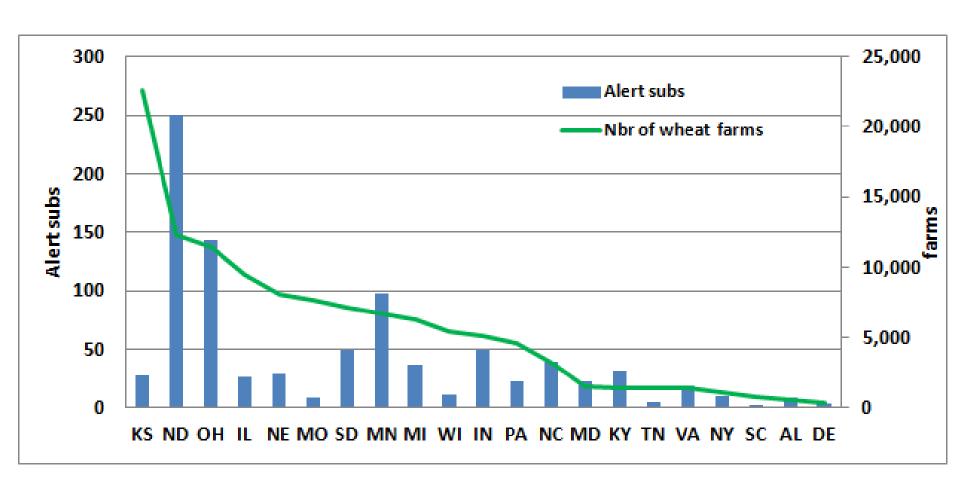




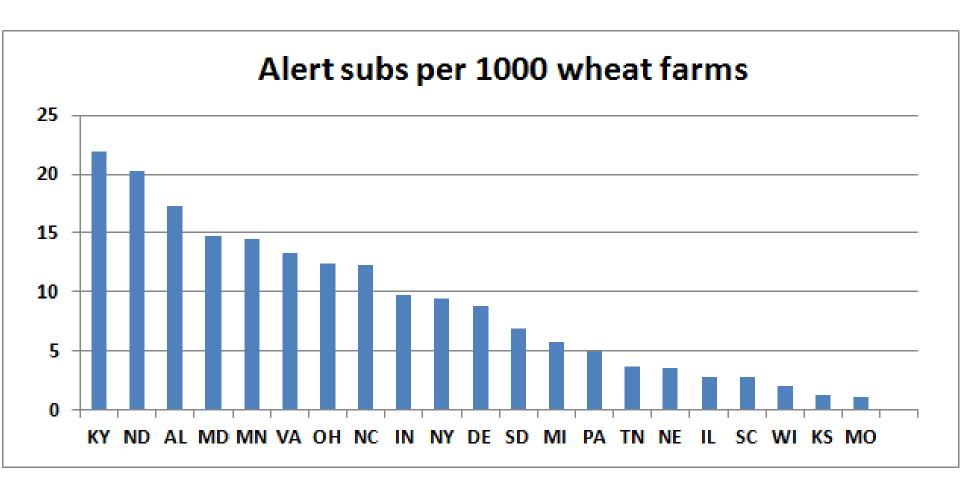






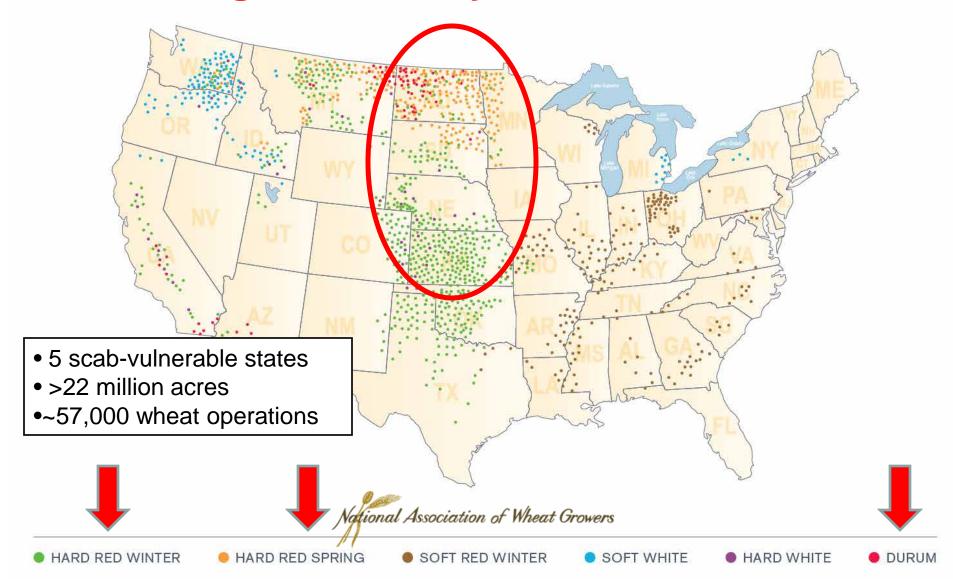








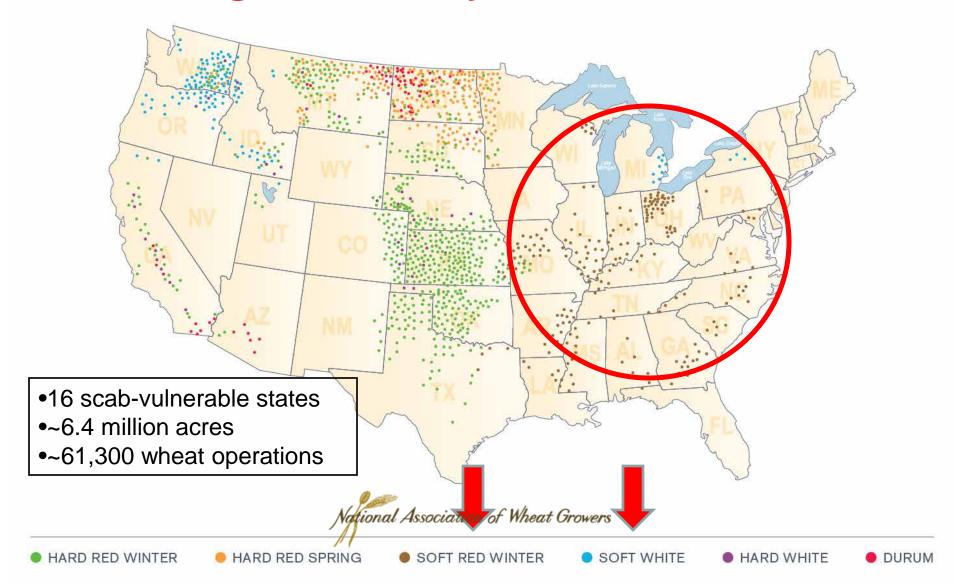
* Planting moderately resistant varieties



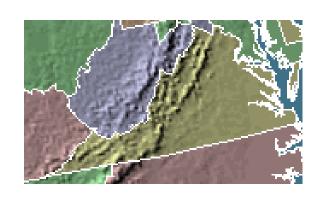
Hard & durum wheat

			% of total (2011)		
State	Wheat area (2011 planted ac)	Market class	MR	MS	S
ND	5,650,000	HRS	57	33	10
	400,000	HRW	0	2	98
	750,000	Durum	39	37	25
SD	1,250,000	HRS	57	43	0
	1,650,000	HRW	31	60	9
MN	1,390,000	HRS	62	31	7
NE – all	1,520,000	HRW	31	61	8
NE – e. 2/3		HRW	28	61	11
KS - all	8,800,000	HRW	5	76	19
KS – e. 2/3		HRW	4	81	15

* Planting moderately resistant varieties



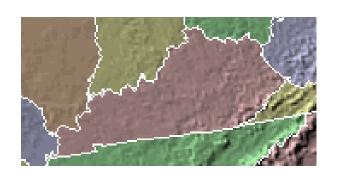
Virginia certified seed



	2011	2012
	4,324 ac	5,450 ac
MR	44%	36%
MS	26%	35%
S	30%	24%



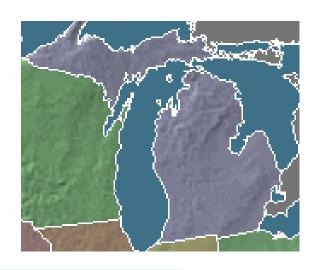
Kentucky consultant's estimates



	2011
	580,000 planted
	acres
MR	28%
MS	50%
S	22%



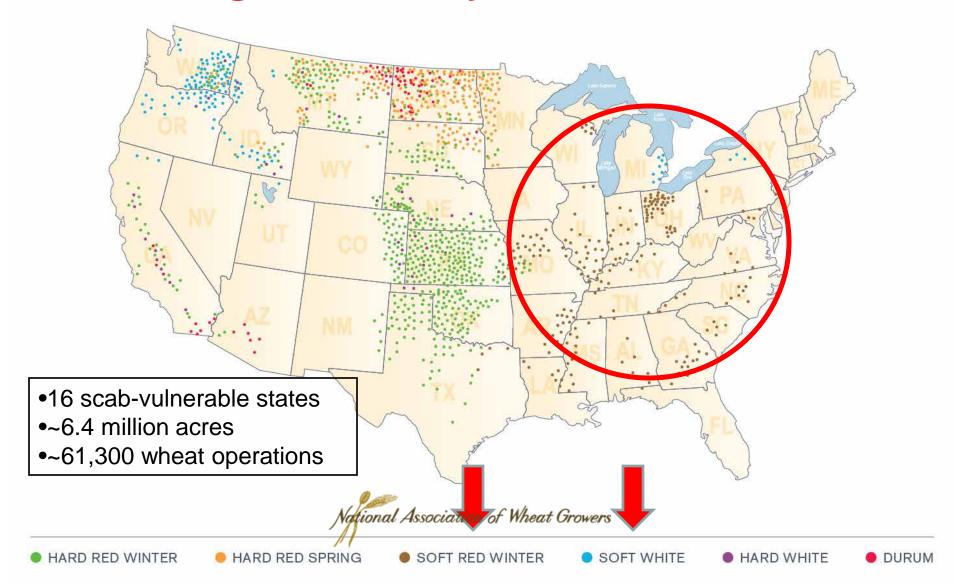
One exception: Michigan



	2011		
	700,000 planted acres		
	SRW	SWW	
MR	14%	21%	
MS	30%	32%	
S	56%	46%	



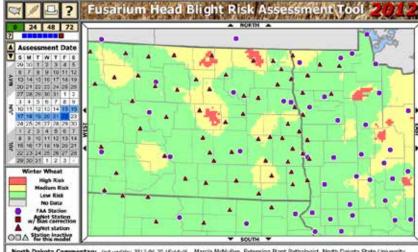
* Planting moderately resistant varieties





Adoption





North Dakota Commentary Ind system: 3013-66-30 15-46-85 Marcia McMullen, Extension Plant Pathologist, North Dakota State University Moderate to high risk of Puserum head blight (PhB) infection continues today, June 20th, for PhB susceptible flowering wheat cultivers in ND

Thanks to U.S. Wheat & Barley Scab Initiative!