

12 Days in May

A Miller's View of 2009 SRW Quality



Hopkinsville, KY

Weather Data Ft. Campbell, Kentucky

Grain Quality Data 1,000 Loads

Year	High Temp	Avg. Temp	Avg. High Humidity	Rain (In.)	# of Events	KY Yield	Moist.	TW	Protein	Falling No.	Dmg.	Vom.
2002	84°	64.8°	99.5	1.26	10	52	13.1	60.5	10.7	335	1.31	1.67
2003	84°	68.4°	99.5	6.57	9	62	12.9	59.3	10.0	243	6.33	3.95
2004	86°	64.9°	94.5	1.82	5	54	13.2	56.9	10.3	308	5.53	4.07
2005	80°	55.6°	97.8	2.22	4	68	13.2	61.9	9.7	350	1.29	<1.0
2006	73°	60.8°	97.3	2.40	10	71	12.9	59.8	10.0	362	2.30	1.1
2007	87°	70.3°	91.1	1.71	6	48	12.9	59.7	10.2	354	.60	.3
2008	79°	60.5°	92.6	.41	7	71	12.7	60.3	9.3	331	.90	<.5
2009	79°	63.9°	98.3	4.68	11	57	12.3	57.1	9.4	366	3.25	2.89





Fusarium Head Blight Risk Assessment Tool 2008

0 24 48

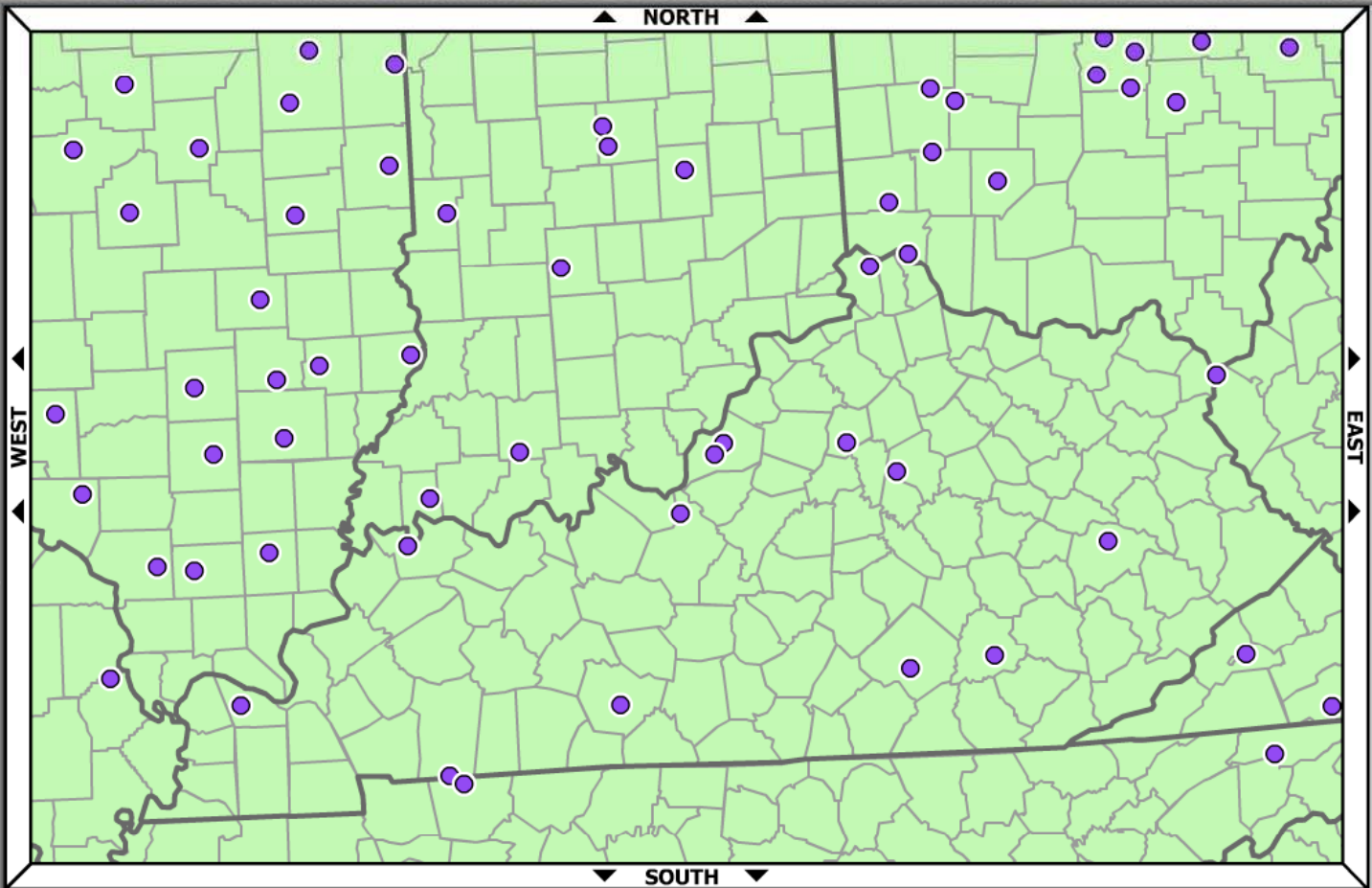


Assessment Date

	S	M	T	W	T	F	S
APR				2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	1	2	3
MAY	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
JUN	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	1	2	3	4	5

Winter Wheat

- High Risk
- Medium Risk
- Low Risk
- No Data
- FAA Station
- AgNet Station w/ bias correction
- AgNet station
- Station inactive for this model



Kentucky Commentary last update: 2008-05-07 16:46:05

The Kentucky wheat crop ranges from late flowering in the south and west to heading in the north and east. Generally, we have had a cool spring so far this season and the wheat crop is slightly behind normal. The risk of FHB appears to be low at the present time, but the forecast over the next several days suggests that FHB-favorable weather may exist. Folicur and Orius, both tebuconazole fungicides, may now be applied in Kentucky under a new supplemental label. Of course, Proline is also available and Bayer has issued a 2ee recommendation for application of a mix of Proline + Folicur. Caramba and other tebuconazoles may not yet be applied in Kentucky. No fungicide is great at controlling head scab and DON, but Proline or Proline + Folicur are somewhat better at managing the disease than solo Folicur (or Orius) or





Fusarium Head Blight Risk Assessment Tool 2009

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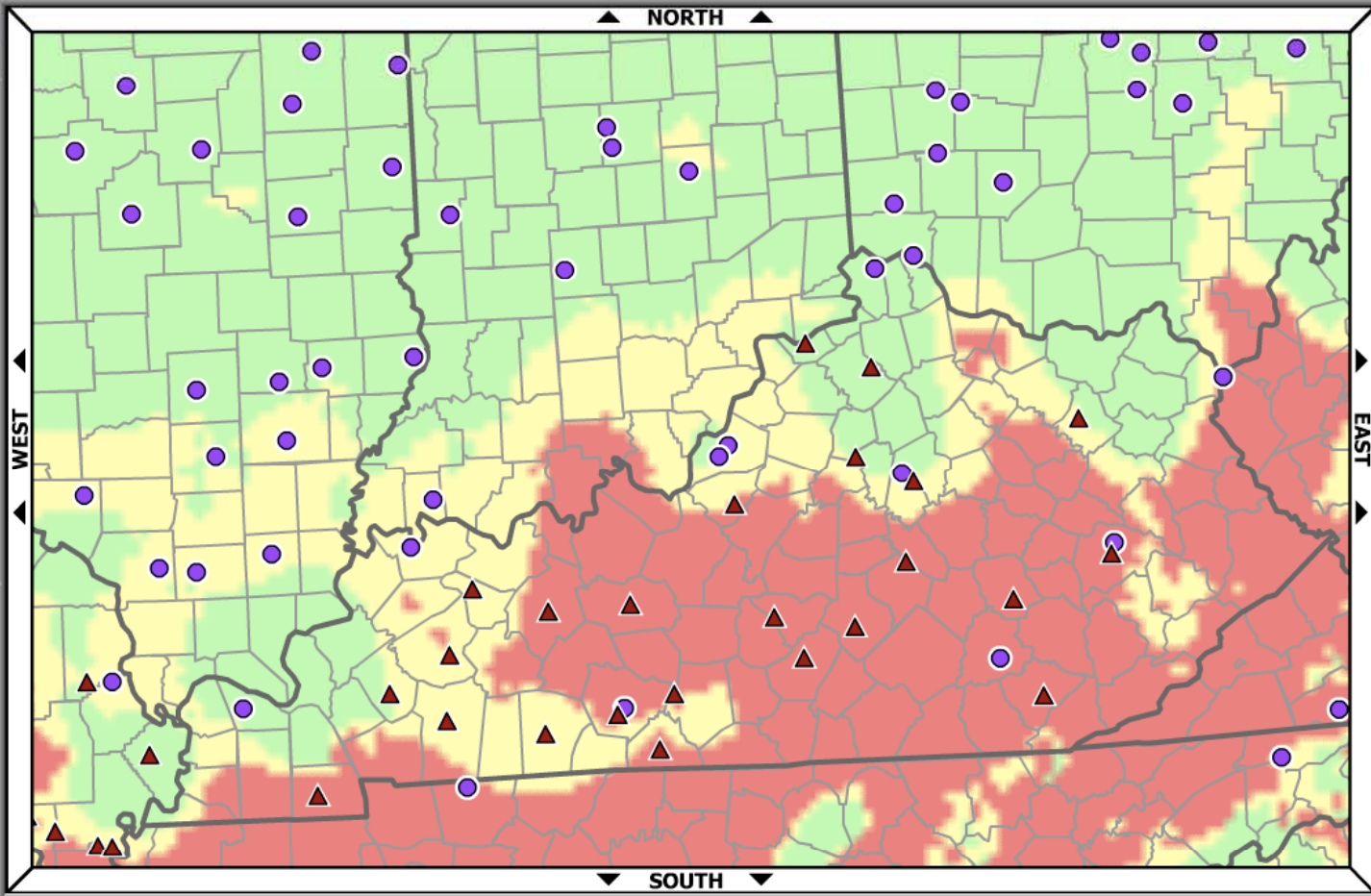
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Assessment Date

	S	M	T	W	T	F	S
	19	20	21	22	23	24	25
APR	26	27	28	29	30	1	2
MAY	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	1	2	3	4	5	6
JUN	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	1	2	3	4
JUL	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25

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Kentucky Commentary

last update: 2009-05-07 05:36:13 Don Hershman, Extension Plant Pathologist, University of Kentucky

Wheat across Kentucky is in various stages of flowering. Many fields are currently at full anthesis or beyond. As we all know, it has rained a lot recently. This wet weather, as well as temperature and humidity conditions, have resulted in a moderate to high FHB risk across most of Kentucky. The windy weather before it started to rain, and now the rain, has greatly hindered fungicide applications aimed at Fusarium head blight suppression. As a result, many wheat fields in the state are highly vulnerable to FHB. However, if you have wheat that is in the early stages of flowering, it is advisable to spray a fungicide provided you can do so aerially, or by ground application. Label restrictions are very clear regarding how late you can spray, so be sure to follow all label directions. Maximum efficacy is attained when fungicides are applied at



Effect of Fungicide Treatment Averaged over 50 Wheat Varieties Princeton, Kentucky – 2009

	Rating *	FDK	DON (ppm)	Test Weight (lb/bu)	Yield (bu/A)
Not Treated	3.14a	7.12a	8.0a	47.6b	72.0b
Treated	1.57b	1.92b	4.3b	53.3a	86.9a
% Change	-50.0	-73.0	-46.3	12.0	20.7

*Rating = 0 - 9 rating of symptoms in the field

FDK = percent *Fusarium* damaged kernels by weight

Letters denote significant difference.



Kentucky 2009 Scab Economic Impact

	Acres Harvested	2009 Yield	2008 Yield
	390,000	57	71
Production (bushels)	Yield Loss	Bushel Loss	Price/ Bushel
22,230,000	14	5,460,000	\$5.00
Yield Loss \$\$\$			\$27,500,000
Quality Discounts	\$0.08 / bushel		1,778,400
Total Loss to Kentucky Net Worth			\$29,078,400



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Thank You

Any Questions??

