

Fusarium Head Blight evaluation of entries in the Maryland State Wheat Test (2007-2008)									
ENTRY	TOMB	DON	INC	SEV	Index	ISK	Height	Heading	Seed Wt.
	%	ppm	%	%	(Inc*Sev)/100	ISK*	Inches	Julian	grams/100
SS 8404	6.5 l	2.0 l	60.0 h	30.0 l	18.0 l	29.6 l	28	119	3.2
MD01W233-06-1	7.0 l	1.3 l	40.0 l	20.0 l	8.0 l	20.8 l	31	118	3.0
26R56	8.0 l	2.5 l	35.0 l	20.0 l	8.5 l	19.7 l	32	120	2.5
USG 3342	8.0 l	1.8 l	40.0 l	35.0	14.5 l	25.7 l	26	117	3.2
MD01W233-06-8	8.5 l	2.4 l	50.0 l	15.0 l	7.0 l	22.9 l	27	120	2.8
MD01W233-06-16	8.5 l	1.9 l	40.0 l	25.0 l	10.0 l	22.9 l	30	119	3.2
McCormick	8.5 l	2.5 l	60.0 h	20.0 l	12.0 l	27.4 l	31	119	3.0
SW 48	8.5 l	2.5 l	40.0 l	45.0	22.5	28.9 l	33	116	2.1
SS 8309	9.0 l	2.8 l	30.0 l	20.0 l	6.0 l	18.6 l	31	119	2.5
Vigoro V9713	11.0 l	4.1	50.0 l	20.0 l	10.0 l	25.4 l	27	119	3.1
USG 3209	11.5 l	3.1 l	60.0 h	35.0	21.0	33.1	30	119	3.5
Vigoro Tribute	11.5 l	1.6 l	65.0 h	35.0	23.0	34.6	27	116	2.4
FS 300	12.5 l	2.6 l	50.0 l	35.0	17.5 l	30.5	25	118	2.4
VA 01W-205	13.0 l	2.6 l	60.0 h	35.0	21.0	33.7	28	118	3.3
USG 3860	13.5 l	3.3 l	45.0 l	25.0 l	11.0 l	26.4 l	30	121	2.6
SS 8302	13.5 l	2.7 l	60.0 h	20.0 l	12.0 l	29.4 l	34	119	3.8
USG 3555	13.5 l	4.1	50.0 l	30.0 l	15.0 l	29.4 l	28	117	3.6
Jamestown	14.0 l	2.1 l	75.0 h	40.0	31.0	40.1	30	116	3.1
Vigoro Dominion	14.5 l	4.6	55.0	20.0 l	11.0 l	28.3 l	27	119	2.5
VA 03W-409	14.5 l	4.6	45.0 l	30.0 l	13.5 l	28.3 l	29	119	2.8
USG 3665	14.5 l	5.4	50.0 l	40.0	21.0	32.8	30	119	2.1
FS 627	14.5 l	2.7 l	70.0 h	55.0	38.5	43.3	33	118	2.3
26R15	15.0 l	4.2	45.0 l	35.0	13.5 l	30.0	29	118	2.7
Branson	15.0 l	3.9	50.0 l	30.0 l	15.0 l	30.0	29	117	2.5
VA 03W-434	15.0 l	3.6 l	55.0	40.0	22.0	34.5	26	118	2.5
MD01W233-05-1	16.0	3.5 l	50.0 l	40.0	21.0	33.4	27	118	1.8
SS 548	16.0	2.7 l	60.0 h	50.0	30.0	39.4	31	119	2.4
W-1377	16.5	4.9	60.0 h	25.0 l	15.0 l	32.1	35	120	2.9
Cooper	17.0	3.8 l	45.0 l	40.0	19.5 l	32.3	30	119	2.3
SS 560	17.0	4.4	60.0 h	45.0	27.0	38.3	28	119	2.3
Vigoro V9510	17.5	5.2	50.0 l	45.0	22.5	35.5	28	119	2.5
USG 3592	18.0	4.1	60.0 h	30.0 l	18.0 l	34.2	32	120	3.0
Chesapeake	18.0	3.7 l	65.0 h	40.0	26.0	38.7	30	116	3.7
Coker 9553	18.5	4.4	65.0 h	45.0	29.0	40.4	31	117	3.2
25R62	20.5	3.5 l	50.0 l	20.0 l	9.0 l	29.2	32	120	3.2
SS MPV57	20.5	4.8	65.0 h	40.0	26.0	39.7	31	117	3.0
SW 55	20.5	4.0	60.0 h	50.0	31.0	41.2	29	118	1.9
FS 621	20.5	5.3	80.0 h	65.0 h	52.0 h	51.7 h	34	116	3.4
SS 520	22.0	7.9 h	60.0 h	65.0 h	38.5	46.3	29	117	2.6
Renwood 3633	23.5	4.9	60.0 h	35.0	21.0	37.9	32	118	3.0
MD99W64-05-12	26.0	6.1 h	65.0 h	55.0	35.5	46.4	30	118	2.7
Vigoro (GA951231-4E25)	27.0	3.05 l	75.0 h	60.0 h	45.0 h	51.3 h	29	116	2.4
SS 8641	38.0 h	6.1 h	75.0 h	75.0 h	56.0 h	60.2 h	31	118	2.3
MEANS	15.4	3.6	55.3	36.5	21.3	33.7	30	118	2.8
LSD (0.05)	8.7	2.3	24.7	18.5	14.5	11.4	3	2	0.9
CV (%)	28.0	30.8	22.1	25.1	33.7	16.7	5.8	0.8	15.7
l and h indicate not significantly different from lowest and highest mean in the same column									
ISK*=(0.3*Inc)+(0.3*Sev)+(0.4*%Tomb)									
Data from Salisbury, MD (2007-2008 Season)									
Planted after corn crop, scabby corn kernels spread in the spring, and misting									
TOMB= % Tombstones; DON=Deoxynivalenol in grain (Courtesy of Dr. Dong, Univ. of Minnesota)									
INC=Incidence (% heads affected in plot); SEV=Severity (% of head affected)									
Heading = days from Jan 1									
Planted on 10-5-07, harvested on 6-18-08									