

Georgetown Trial 1 (with fungicide)

Variety	Company	Yield (bu./a)		Moisture %	T.W.	Rank	Rel. Yld
8415	Croplan by Winfield	107.96	a	14.2	59.7	1	113.65
MAS 65	Mid-Atlantic Seeds	107.75	a	14.15	59.2	2	113.43
MAS 61	Mid-Atlantic Seeds	103.39	ab	14.2	59.77	3	108.84
AgriMaxx 444	AgriMaxx	102.46	abc	14.15	59.8	4	107.86
USG 3316	USG	101.85	a-d	14.35	59.13	5	107.22
MAS 42	Mid-Atlantic Seeds	101.64	a-e	14.3	59.53	6	107.00
AgriMaxx 463	AgriMaxx	101.08	a-e	14.15	59.27	7	106.41
MBX 14-S-210	Eddie Mercer Seed	100.92	a-e	14.4	61.53	8	106.24
USG 3458	USG	100.42	a-f	14.1	59.27	9	105.72
FSX-871	Growmark	100.22	a-f	14.2	59.07	10	105.51
9772	Dyna-Gro	100.18	a-f	14.05	57.87	11	105.46
USG 3895	USG	100.17	a-f	14.2	59.07	12	105.45
8550	Croplan by Winfield	99.89	a-f	14.25	60.07	13	105.16
USG 3404	USG	99.62	a-f	14.45	60.3	14	104.87
SY 007	Syngenta	99	a-g	14.2	59.5	15	104.22
WX16722	Dyna-Gro	98.54	a-h	14.1	58.93	16	103.74
USG 3228	USG	98.52	a-h	14.1	59.3	17	103.72
USG 3197	USG	98.26	a-h	14	57.47	18	103.44
SRW 9606	Croplan by Winfield	98.02	a-h	14.35	58.73	19	103.19
USG 3536	USG	97.75	a-h	14.2	59.93	20	102.91
MAS 716	Mid-Atlantic Seeds	97.45	a-i	14.1	59.03	21	102.59
25R25	Pioneer	96.77	a-i	14.45	58.43	22	101.87
MAS 67	Mid-Atlantic Seeds	96.44	a-i	14.2	58.9	23	101.53
9862	Dyna-Gro	96.34	a-j	14.45	60.9	24	101.42
MBX 17-M-245	Eddie Mercer Seed	96.32	a-j	14.15	59.17	25	101.40
AgriMaxx 474	AgriMaxx	95.03	b-j	14.2	58.9	26	100.04
MAS 316	Mid-Atlantic Seeds	94.89	b-j	14.2	58.9	27	99.89
MBX 17-P-275	Eddie Mercer Seed	94.44	b-j	14.1	58.77	28	99.42
AgriMaxx 415	AgriMaxx	94.06	b-j	14.4	61.33	29	99.02
9750	Dyna-Gro	93.91	b-j	14.2	59.5	30	98.86
AgriMaxx Exp. 1786	AgriMaxx	93.32	b-k	14.05	58.7	31	98.24
Syngenta SY100	Syngenta	93.04	b-k	14.35	58.13	32	97.95

9701	Dyna-Gro	92.05	b-k	14.3	59.83	33	96.90
MAS 69	Mid-Atlantic Seeds	91.9	b-k	14.3	61.93	34	96.75
MAS 7	Mid-Atlantic Seeds	91.88	b-k	14.35	59.97	35	96.73
Shirley	Dyna-Gro	91.69	b-l	14.3	59.2	36	96.53
MDA 14MW 117	MDA	91.61	b-l	14.5	61.1	37	96.44
MAS 116	Mid-Atlantic Seeds	91.54	b-l	14.15	59.9	38	96.37
MBX 16-B-203	Eddie Mercer Seed	91.01	b-l	14.25	58.63	39	95.81
FSX-872	Growmark	90.42	c-l	14.15	59.1	40	95.19
AgriMaxx 464	AgriMaxx	90.39	c-l	14.15	57.97	41	95.16
AgriMaxx 446	AgriMaxx	89.21	d-l	14.25	60.3	42	93.92
MAS 816	Mid-Atlantic Seeds	89.07	e-l	14.35	61.83	43	93.77
AgriMaxx Exp. 1785	AgriMaxx	87.91	f-l	14.35	60.43	44	92.55
AgriMaxx 473	AgriMaxx	86.4	g-l	14.15	59.4	45	90.96
MAS 6	Mid-Atlantic Seeds	86.08	h-l	14.25	58.83	46	90.62
USG 3549	USG	85.02	i-l	14.55	59.3	47	89.50
FS-860	Growmark	83.68	jkl	14.1	58.13	48	88.09
Syngenta SY547	Syngenta	80.87	kl	14.2	60.43	49	85.14
MAS-35	Mid-Atlantic Seeds	79.13	l	14.3	60.5	50	83.30

LSD P=.05	12.679
Standard Deviation	7.825
CV	8.24
Grand Mean	94.99

same letter following indicates no statistical difference between varieties

Georgetown Trial 2 (no fungicide)

Variety	Company	Yield (bu/a)		Moisture %	T.W.	Heading Date	Height (in)	Rel Yld
AgriMaxx Exp. 1786	AgriMaxx	96.8	a	14.1	58.55	4/27/2017	31.3	116.42
8415	Croplan by Winfield	94.86	ab	14.1	58.75	4/25/2017	31.7	114.08
USG 3228	USG	94.03	abc	14.15	58.1	4/24/2017	29	113.09
USG 3316	USG	93.68	abc	14.2	59.5	4/26/2017	30	112.67
AgriMaxx 464	AgriMaxx	91.67	a-d	14.05	56.05	4/25/2017	31.7	110.25
AgriMaxx 444	AgriMaxx	91.16	a-e	14.25	58.95	4/28/2017	29.3	109.63
MBX 16-B-203	Eddie Mercer Seed	91.08	a-e	14.4	58.6	4/26/2017	29.3	109.54
MAS 65	Mid-Atlantic Seeds	90.89	a-e	14.2	59.4	4/26/2017	29	109.31
USG 3404	USG	90.47	a-f	14.15	58.55	4/28/2017	29.3	108.80
AgriMaxx 474	AgriMaxx	90.46	a-f	14.35	58.7	4/25/2017	29.3	108.79
SRW 9606	Croplan by Winfield	90.42	a-f	14.15	58	4/26/2017	29.3	108.74
FSX-872	Growmark	90.02	a-g	14.05	57.9	4/25/2017	28.7	108.26
MBX 17-M-245	Eddie Mercer Seed	90	a-g	14.15	58.45	4/26/2017	30	108.24
Hilliard/VA11W-108	Va Tech	89.92	a-g	14.35	60.25	4/25/2017	29.3	108.14
9772	Dyna-Gro	89.37	a-g	14	57.25	4/25/2017	30.3	107.48
MAS 316	Mid-Atlantic Seeds	89.27	a-g	14	59	4/27/2017	32	107.36
WX16722	Dyna-Gro	89.15	a-h	14.1	58.85	4/25/2017	28.7	107.22
FSX-871	Growmark	88.55	a-h	14.05	58.35	4/24/2017	26.7	106.50
MAS 116	Mid-Atlantic Seeds	87.99	a-h	14.2	58.9	4/25/2017	30.3	105.82
USG 3536	USG	87.93	a-h	14.25	59.05	4/26/2017	29.7	105.75
SY 007	Syngenta	87.65	a-h	14.2	59.2	4/24/2017	30	105.41
AgriMaxx 473	AgriMaxx	87.54	a-h	14.3	59.1	4/26/2017	30.3	105.28
MAS 716	Mid-Atlantic Seeds	86.95	a-i	14.1	58.35	4/27/2017	28.3	104.57
MAS 7	Mid-Atlantic Seeds	86.8	a-j	14.35	59.3	4/26/2017	30.7	104.39
AgriMaxx 415	AgriMaxx	86.72	a-j	14.4	60.35	4/25/2017	30.7	104.29
MAS 61	Mid-Atlantic Seeds	86	a-k	14.2	59.4	4/25/2017	27.7	103.43
Shirley	Dyna-Gro	85.98	a-k	14.3	59.1	4/25/2017	27.7	103.40
AgriMaxx 463	AgriMaxx	85.78	a-k	14.15	58.3	4/25/2017	28.3	103.16
MAS 816	Mid-Atlantic Seeds	85.67	a-k	14.4	61.7	4/24/2017	31	103.03
AgriMaxx 446	AgriMaxx	85.59	a-k	14.3	59.5	4/28/2017	29	102.94
USG 3895	USG	85.4	b-k	14	58.3	4/26/2017	28.7	102.71
MBX 17-P-275	Eddie Mercer Seed	84.29	b-l	14.15	58.95	4/25/2017	27.7	101.37

USG 3458	USG	84.27	b-l	14.3	58.9	4/26/2017	28.3	101.35
MAS 67	Mid-Atlantic Seeds	84.06	b-l	14.2	58.2	4/24/2017	28	101.10
MAS 42	Mid-Atlantic Seeds	83.73	b-l	14.3	58.7	4/27/2017	28.7	100.70
Agrimaxx Exp. 1785	AgriMaxx	83.47	c-l	14.35	59.6	4/27/2017	28.7	100.39
VA12W-68	Va Tech	83.1	c-l	14.25	59.9	4/24/2017	28	99.94
USG 3197	USG	82.02	d-m	13.95	57.2	4/25/2017	30.3	98.64
25R25	Pioneer	81.54	d-m	14.4	59.2	4/28/2017	27.7	98.06
VA11W-108PA	Va Tech	81.38	d-m	14.4	59	4/25/2017	28	97.87
9862	Dyna-Gro	80.99	d-n	14.25	59.2	4/28/2017	29	97.40
9750	Dyna-Gro	80.6	d-n	14.25	58.25	4/24/2017	28.7	96.93
MBX 14-S-210	Eddie Mercer Seed	80.52	d-n	14.35	60.4	4/26/2017	30	96.84
9701	Dyna-Gro	80.46	d-n	14.1	59	4/26/2017	30	96.77
FS-860	Growmark	80.03	e-n	14.05	58.05	4/25/2017	29.3	96.25
USG 3549	USG	79.34	f-n	14.4	59.35	4/26/2017	30.7	95.42
MAS 6	Mid-Atlantic Seeds	78.88	g-n	14	58.55	4/26/2017	28	94.87
MAS 69	Mid-Atlantic Seeds	77.83	h-n	14.35	60.4	4/25/2017	29.7	93.60
Syngenta SY100	Syngenta	75.95	i-o	14.3	58.05	4/27/2017	26.7	91.34
MAS-35	Mid-Atlantic Seeds	75.52	j-o	14.4	60.1	4/27/2017	27.7	90.82
MDA 14MW 117	MDA	74.92	k-o	14.35	60.4	4/25/2017	30	90.10
VA11W-279	Va Tech	74.76	k-o	14.5	58.45	4/24/2017	26	89.91
8550	Croplan by Winfield	73.47	l-p	14.15	59	4/25/2017	29	88.36
15 MDX 17	UMD	71.57	m-p	14.55	59.5	4/26/2017	27.7	86.07
15 MDX 1	UMD	71.22	m-p	14.4	59.75	4/26/2017	30	85.65
15 MDX 2	UMD	69.8	nop	15.35	60.25	4/26/2017	30	83.95
Syngenta SY547	Syngenta	65.69	opq	14.45	58.75	4/25/2017	29	79.00
15 MDX 133	UMD	62.88	pq	14.6	59.1	4/27/2017	26.7	75.62
15 MDX 4	UMD	62.64	pq	14.65	58.8	4/27/2017	26	75.33
15 MDX 18	UMD	56.2	q	14.6	59.3	4/27/2017	24	67.59

LSD P=.05	11.335
Standard Deviation	7.01
CV	8.43
Grand Mean	83.149

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

Comparison of Georgetown trials, with and without fungicide (sorted by Company name)

Variety	Company	Georgetown Trial 2 (no fungicide) Yield	Georgetown Trial 1 (with fungicide) Yield
AgriMaxx 444	AgriMaxx	91.16	102.46
AgriMaxx 446	AgriMaxx	85.59	89.21
AgriMaxx 473	AgriMaxx	87.54	86.4
AgriMaxx 464	AgriMaxx	91.67	90.39
AgriMaxx 463	AgriMaxx	85.78	101.08
AgriMaxx 474	AgriMaxx	90.46	95.03
AgriMaxx 415	AgriMaxx	86.72	94.06
AgriMaxx Exp. 1786	AgriMaxx	96.8	93.32
AgriMaxx Exp. 1785	AgriMaxx	83.47	87.91
8550	Croplan by Winfield	73.47	99.89
8415	Croplan by Winfield	94.86	107.96
SRW 9606	Croplan by Winfield	90.42	98.02
Shirley	Dyna-Gro	85.98	91.69
9772	Dyna-Gro	89.37	100.18
9750	Dyna-Gro	80.6	93.91
9862	Dyna-Gro	80.99	96.34
9701	Dyna-Gro	80.46	92.05
WX16722	Dyna-Gro	89.15	98.54
MBX 17-M-245	Eddie Mercer Seed	90	96.32
MBX 16-B-203	Eddie Mercer Seed	91.08	91.01
MBX 17-P-275	Eddie Mercer Seed	84.29	94.44
MBX 14-S-210	Eddie Mercer Seed	80.52	100.92
FS-860	Growmark	80.03	83.68
FSX-871	Growmark	88.55	100.22
FSX-872	Growmark	90.02	90.42
MDA 14MW 117	MDA	74.92	91.61
MAS 6	Mid-Atlantic Seeds	78.88	86.08
MAS 7	Mid-Atlantic Seeds	86.8	91.88
MAS 42	Mid-Atlantic Seeds	83.73	101.64
MAS 65	Mid-Atlantic Seeds	90.89	107.75
MAS 67	Mid-Atlantic Seeds	84.06	96.44
MAS 61	Mid-Atlantic Seeds	86	103.39
MAS 116	Mid-Atlantic Seeds	87.99	91.54
MAS 316	Mid-Atlantic Seeds	89.27	94.89
MAS-35	Mid-Atlantic Seeds	75.52	79.13
MAS 69	Mid-Atlantic Seeds	77.83	91.9
MAS 716	Mid-Atlantic Seeds	86.95	97.45
MAS 816	Mid-Atlantic Seeds	85.67	89.07
25R25	Pioneer	81.54	96.77

SY 007	Syngenta	87.65	99
Syngenta SY547	Syngenta	65.69	80.87
Syngenta SY100	Syngenta	75.95	93.04
15 MDX 1	UMD	71.22	Not in trial
15 MDX 2	UMD	69.8	Not in trial
15 MDX 17	UMD	71.57	Not in trial
15 MDX 18	UMD	56.2	Not in trial
15 MDX 4	UMD	62.64	Not in trial
15 MDX 133	UMD	62.88	Not in trial
USG 3536	USG	87.93	97.75
USG 3404	USG	90.47	99.62
USG 3549	USG	79.34	85.02
USG 3197	USG	82.02	98.26
USG 3228	USG	94.03	98.52
USG 3316	USG	93.68	101.85
USG 3458	USG	84.27	100.42
USG 3895	USG	85.4	100.17
Hilliard/VA11W-108	Va Tech	89.92	Not in trial
VA11W-108PA	Va Tech	81.38	Not in trial
VA11W-279	Va Tech	74.76	Not in trial
VA12W-68	Va Tech	83.1	Not in trial

Kent County (sorted by yield)

Variety	Company	Yield		Moisture	T.W.	Rank	Rel. Yld.
MBX 17-M-245	Eddie Mercer Seed	120.55	a	14.15	57.93	1	111.71
MAS 716	Mid-Atlantic Seeds	119.03	ab	13.95	57.43	2	110.30
AgriMaxx 446	AgriMaxx	117.07	abc	14.25	59.33	3	108.48
MAS 67	Mid-Atlantic Seeds	116.58	a-d	14.15	57.97	4	108.03
8415	Croplan by Winfield	116.49	a-d	13.85	58.4	5	107.94
WX16722	Dyna-Gro	116.45	a-d	14.03	57.77	6	107.91
USG 3536	USG	116.28	a-e	14.18	59.7	7	107.75
8550	Croplan by Winfield	115.66	a-f	14.18	58.4	8	107.17
AgriMaxx Exp. 1785	AgriMaxx	115.45	a-f	14.55	60.13	9	106.98
MAS 316	Mid-Atlantic Seeds	115.28	a-f	14.23	59.9	10	106.82
AgriMaxx Exp. 1786	AgriMaxx	114.8	a-g	14.23	59.7	11	106.38
AgriMaxx 473	AgriMaxx	114.67	a-g	14.38	58.8	12	106.26
AgriMaxx 474	AgriMaxx	114.42	a-h	14.18	57.93	13	106.02
MBX 17-P-275	Eddie Mercer Seed	113.89	a-i	14.18	58	14	105.53
9701	Dyna-Gro	113.8	a-i	14.33	59.3	15	105.45
MAS 61	Mid-Atlantic Seeds	113.08	a-j	14.18	59.1	16	104.78
25R25	Pioneer	113.03	a-j	14.2	58.43	17	104.74
USG 3458	USG	112.67	a-k	14.05	57.83	18	104.40
MBX 14-S-210	Eddie Mercer Seed	112.04	a-l	14.45	59.57	19	103.82
SY 007	Syngenta	111.94	a-m	14.13	58.17	20	103.73
FSX-872	Growmark	111.94	a-m	14.03	57.5	21	103.73
MAS 42	Mid-Atlantic Seeds	111.17	b-m	14.1	57.83	22	103.01
MAS 116	Mid-Atlantic Seeds	110.78	b-m	14.33	59.23	23	102.65
SRW 9606	Croplan by Winfield	110.46	b-m	14.2	58.03	24	102.36
MAS 6	Mid-Atlantic Seeds	110.07	c-n	14.03	58.3	25	101.99
AgriMaxx 464	AgriMaxx	109.96	c-n	13.9	57.63	26	101.89
9750	Dyna-Gro	109.53	c-n	14.2	57.8	27	101.49
MAS 65	Mid-Atlantic Seeds	109.47	c-n	14.15	57.83	28	101.44
USG 3228	USG	108.98	c-n	14.05	58.07	29	100.98
Syngenta SY100	Syngenta	108.38	c-n	13.7	56.3	30	100.43
AgriMaxx 444	AgriMaxx	108.32	c-n	14.18	59	31	100.37
AgriMaxx 463	AgriMaxx	107.98	d-n	14.4	58.03	32	100.06

MBX 16-B-203	Eddie Mercer Seed	107.55	e-n	14.23	58.43	33	99.66
FSX-871	Growmark	107.5	e-n	14.23	58	34	99.61
VA11W-108PA	Va Tech	107.34	f-n	14.05	57.5	35	99.46
VA12W-68	Va Tech	106.42	g-o	13.93	57.33	36	98.61
9772	Dyna-Gro	106.42	g-o	13.8	57.2	37	98.61
Shirley	Dyna-Gro	106.25	g-o	13.63	57.5	38	98.45
9862	Dyna-Gro	105.81	h-o	14.4	59.47	39	98.05
USG 3549	USG	105.47	i-p	14.48	59.43	40	97.73
USG 3895	USG	104.72	j-p	13.78	56.47	41	97.04
Hilliard/VA11W-108	Va Tech	104.44	j-p	14.08	58.47	42	96.78
USG 3404	USG	104.31	j-p	14.2	58.13	43	96.66
FS-860	Growmark	104.08	k-p	13.88	56.73	44	96.44
USG 3316	USG	104.06	k-p	14.13	58.07	45	96.43
USG 3197	USG	103.38	l-p	13.98	57.27	46	95.79
MAS 7	Mid-Atlantic Seeds	103.21	m-p	14.48	59.03	47	95.64
AgriMaxx 415	AgriMaxx	103.11	m-p	14.23	59.27	48	95.54
MAS-35	Mid-Atlantic Seeds	101.43	nop	14.13	57.67	49	93.99
MAS 816	Mid-Atlantic Seeds	98.49	opq	13.88	58.23	50	91.26
MAS 69	Mid-Atlantic Seeds	96.8	pqr	14.3	59.83	51	89.70
VA11W-279	Va Tech	92.59	qrs	13.55	56.37	52	85.80
MDA 14MW 117	MDA	91.35	qrs	14.1	58.83	53	84.65
15 MDX 1	UMD	88.23	rs	14.2	59.13	54	81.76
15 MDX 2	UMD	85.89	s	14.6	61.4	55	79.59
Syngenta SY547	Syngenta	84.34	s	14.03	58.1	56	78.15

LSD P=.05 8.83
Standard Deviation 5.456
CV 5.06
Grand Mean 107.918

'Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

Middletown Wheat 2017 (sorted by yield)

Variety	Company	Yield (bu/a)		Moisture %	T.W.	Height (in)	Rel Yld.
SRW 9606	Croplan by Winfield	123.83	a	14.5	59.3	28	110.13
MBX 17-P-275	Eddie Mercer Seed	123.62	ab	14.4	58.4	29	109.94
25R25	Pioneer	121.91	abc	14.3	58.4	28	108.42
FSX-871	Growmark	121.61	a-d	14.3	58.3	29	108.15
USG 3228	USG	121.33	a-e	14.1	58.4	29	107.90
Syngenta SY100	Syngenta	119.17	a-f	14.3	56.9	28	105.98
USG 3316	USG	119.07	a-f	14.6	59.9	30	105.89
VA12W-68	Va Tech	118.96	a-f	14.4	59.2	29	105.80
FSX-872	Growmark	118.61	a-f	14.4	58.1	28	105.49
AgriMaxx 474	AgriMaxx	118.59	a-f	14.5	58.4	26	105.47
FS-860	Growmark	118.55	a-f	14.3	57.8	30	105.43
MAS 67	Mid-Atlantic Seeds	118.51	a-f	14.3	58.4	29	105.40
MAS 7	Mid-Atlantic Seeds	118.08	a-f	14.4	58.7	30	105.01
AgriMaxx 463	AgriMaxx	118.01	a-f	14.2	57.9	29	104.95
MAS 116	Mid-Atlantic Seeds	117.41	a-f	14.4	59.7	29	104.42
USG 3458	USG	116.51	a-g	14.4	58.5	27	103.62
8550	Croplan by Winfield	116.11	a-g	14.3	59.5	30	103.26
Hilliard/VA11W-108	Va Tech	115.7	a-h	14.5	59.7	30	102.90
9772	Dyna-Gro	115.56	a-h	14.3	58.3	28	102.77
AgriMaxx 464	AgriMaxx	115.35	a-h	14.1	57.9	28	102.59
WX16722	Dyna-Gro	115.27	a-i	14.3	58.0	27	102.52
Shirley	Dyna-Gro	115.16	a-j	14.3	58.5	27	102.42
MAS 316	Mid-Atlantic Seeds	114.92	a-j	14.3	59.7	30	102.20
MAS 65	Mid-Atlantic Seeds	114.42	a-k	14.6	58.1	27	101.76
9701	Dyna-Gro	114.17	a-l	14.3	59.3	31	101.54
USG 3536	USG	113.78	a-m	14.5	59.6	30	101.19
VA11W-108PA	Va Tech	113.76	a-m	14.4	59.7	30	101.17
AgriMaxx 415	AgriMaxx	113.6	a-m	14.5	60.2	29	101.03
AgriMaxx 473	AgriMaxx	113.43	a-m	14.4	59.4	31	100.88
AgriMaxx 446	AgriMaxx	113	a-n	14.6	59.8	28	100.50
MBX 17-M-245	Eddie Mercer Seed	112.98	a-n	14.4	58.1	26	100.48

USG 3549	USG	112.55	a-n	14.6	60.2	29	100.10
MAS 716	Mid-Atlantic Seeds	112.47	a-n	14.2	58.0	28	100.02
USG 3197	USG	112.45	a-n	14.3	58.2	28	100.01
Agrimaxx Exp. 1785	AgriMaxx	112.44	a-n	14.5	60.0	27	100.00
AgriMaxx 444	AgriMaxx	112.31	a-n	14.3	58.8	28	99.88
Agrimaxx Exp. 1786	AgriMaxx	112.02	a-n	14.3	59.0	30	99.62
MAS 42	Mid-Atlantic Seeds	111.92	a-n	14.5	59.6	28	99.54
MAS 61	Mid-Atlantic Seeds	111.69	a-n	14.3	58.7	27	99.33
9750	Dyna-Gro	111.37	b-n	14.3	58.3	29	99.05
MBX 16-B-203	Eddie Mercer Seed	111.23	c-n	14.4	59.4	30	98.92
USG 3404	USG	111.03	c-n	14.4	59.2	29	98.74
MAS 6	Mid-Atlantic Seeds	110.54	c-n	14.3	58.4	26	98.31
MAS-35	Mid-Atlantic Seeds	110.21	c-o	14.3	58.1	27	98.01
USG 3895	USG	109.76	c-o	14.5	57.7	27	97.61
MAS 69	Mid-Atlantic Seeds	109.55	d-o	14.6	61.2	28	97.43
8415	Croplan by Winfield	109.51	d-o	14.3	59.2	28	97.39
VA11W-279	Va Tech	109.08	e-o	14.4	59.8	26	97.01
9862	Dyna-Gro	107.98	f-o	14.5	59.8	27	96.03
15 MDX 18	UMD	104.95	g-p	14.4	60.3	27	93.34
Syngenta SY547	Syngenta	104.75	g-p	14.4	58.8	29	93.16
SY 007	Syngenta	103.43	h-p	14.5	59.2	28	91.99
15 MDX 17	UMD	103.02	i-p	14.4	59.3	28	91.62
15 MDX 4	UMD	102.88	j-p	14.4	60.0	26	91.50
MAS 816	Mid-Atlantic Seeds	102.29	k-p	14.3	60.5	28	90.97
MBX 14-S-210	Eddie Mercer Seed	102.06	l-p	14.6	60.3	28	90.77
15 MDX 133	UMD	101.64	m-p	14.3	59.1	27	90.39
15 MDX 2	UMD	100.81	nop	14.6	61.1	31	89.66
MDA 14MW 117	MDA	98.14	op	14.6	60.4	31	87.28
15 MDX 1	UMD	93.46	p	14.5	60.2	31	83.12

LSD P=.05 12.309
Standard Deviation 7.613
CV 6.77
Grand Mean 112.442

Selbyville Wheat 2017 (sorted by yield)

Variety	Company	Yield (bu/a)		Moisture %	T.W.	Height (in)	Rel. Yld.
8415	Croplan by Winfield	93.25	a	14.0	56.3	30	113.73
FSX-871	Growmark	91.53	ab	13.8	54.0	30	111.63
MAS 65	Mid-Atlantic Seeds	90.21	abc	13.9	54.9	30	110.02
MBX 17-M-245	Eddie Mercer Seed	89.75	abc	14.0	55.0	29	109.46
SY 007	Syngenta	89.61	abc	14.1	55.7	32	109.29
25R25	Pioneer	89.28	a-d	14.1	55.6	29	108.89
MAS 61	Mid-Atlantic Seeds	89.23	a-d	14.0	55.2	29	108.83
Hilliard/VA11W-108	Va Tech	88.96	a-e	14.2	55.7	31	108.50
MAS 316	Mid-Atlantic Seeds	87.42	a-f	13.8	54.4	33	106.62
USG 3316	USG	87.1	a-g	13.9	55.6	30	106.23
MBX 16-B-203	Eddie Mercer Seed	86.83	a-h	13.8	55.4	31	105.90
USG 3895	USG	86.75	a-h	14.0	54.5	29	105.80
VA12W-68	Va Tech	86.71	a-h	14.1	55.8	28	105.76
AgriMaxx Exp. 1786	AgriMaxx	86.45	a-h	13.8	55.2	33	105.44
AgriMaxx 463	AgriMaxx	85.41	a-i	13.9	53.8	29	104.17
AgriMaxx 415	AgriMaxx	85.32	a-j	14.2	56.5	30	104.06
MAS 67	Mid-Atlantic Seeds	85.03	a-k	13.8	53.4	30	103.71
MAS 716	Mid-Atlantic Seeds	85.03	a-k	13.9	54.6	32	103.71
USG 3228	USG	84.96	a-k	14.0	53.7	30	103.62
Syngenta SY100	Syngenta	84.25	b-k	13.3	53.5	28	102.76
USG 3458	USG	84.12	b-k	13.9	54.6	31	102.60
VA11W-108PA	Va Tech	84	b-k	14.0	55.9	32	102.45
MAS 816	Mid-Atlantic Seeds	83.84	b-k	14.4	58.4	33	102.26
9750	Dyna-Gro	83.81	b-k	13.8	53.9	30	102.22
9772	Dyna-Gro	83.52	b-l	13.7	54.3	31	101.86
SRW 9606	Croplan by Winfield	83.4	b-l	13.9	54.9	29	101.72
MAS-35	Mid-Atlantic Seeds	83.38	b-l	14.1	56.2	30	101.69
FS-860	Growmark	83.22	b-m	13.6	53.9	32	101.50
WX16722	Dyna-Gro	82.99	b-m	13.9	54.6	30	101.22
MAS 7	Mid-Atlantic Seeds	82.86	b-m	14.0	56.5	33	101.06
FSX-872	Growmark	82.71	b-m	14.0	54.8	30	100.88

MBX 14-S-210	Eddie Mercer Seed	82.67	b-m	13.9	55.4	33	100.83
MAS 69	Mid-Atlantic Seeds	82.65	b-m	14.2	56.2	30	100.80
Shirley	Dyna-Gro	82.19	c-m	13.7	54.8	29	100.24
Syngenta SY547	Syngenta	82.05	c-m	14.2	55.5	34	100.07
AgriMaxx 474	AgriMaxx	81.61	c-n	14.0	54.8	30	99.54
MBX 17-P-275	Eddie Mercer Seed	81.47	c-n	13.9	54.2	30	99.36
9701	Dyna-Gro	80.48	d-o	13.8	54.7	33	98.16
AgriMaxx 464	AgriMaxx	80.34	d-o	13.8	54.6	31	97.99
MDA 14MW 117	MDA	80.11	e-o	14.3	56.8	32	97.71
AgriMaxx 446	AgriMaxx	79.51	f-p	13.9	55.3	29	96.97
MAS 116	Mid-Atlantic Seeds	79.27	f-p	14.1	54.5	32	96.68
MAS 42	Mid-Atlantic Seeds	79.12	f-p	14.0	54.8	30	96.50
AgriMaxx Exp. 1785	AgriMaxx	79.11	f-p	14.2	56.4	29	96.49
8550	Croplan by Winfield	78.37	g-p	13.8	55.7	33	95.58
9862	Dyna-Gro	77.95	h-p	14.2	57.1	31	95.07
USG 3197	USG	77.44	i-p	13.7	54.3	31	94.45
USG 3404	USG	77.36	i-p	13.9	55.2	30	94.35
MAS 6	Mid-Atlantic Seeds	77.27	i-p	13.3	54.0	29	94.24
AgriMaxx 473	AgriMaxx	76.78	i-p	13.9	54.7	33	93.64
USG 3536	USG	76.65	i-p	14.0	55.2	32	93.49
USG 3549	USG	76.35	j-p	14.3	57.4	32	93.12
AgriMaxx 444	AgriMaxx	76.2	k-p	13.9	55.1	29	92.94
VA11W-279	Va Tech	74.73	l-q	14.1	55.8	26	91.14
15 MDX 1	UMD	74.34	m-q	14.3	57.4	30	90.67
15 MDX 133	UMD	73.02	n-q	14.3	57.6	30	89.06
15 MDX 18	UMD	72.09	opq	14.0	56.7	27	87.92
15 MDX 2	UMD	71.71	opq	14.4	59.0	32	87.46
15 MDX 17	UMD	71.01	pq	13.9	56.0	30	86.61
15 MDX 4	UMD	66.64	q	14.1	56.7	28	81.28

LSD P=.05 9.005
Standard Deviation 6.453
CV 7.87
Grand Mean 81.991

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

Rank and Relative Yield x all locations (sorted by company/institute)

		Georgetown 1 (fungicide)		Georgetown 2 (without fung.)		Selbyville		Middletown		Kent		Avg. Rank across all locations*	Avg. Relative Yield across all locations**
Variety	Company	Rank	Rel Yld.	Rank	Rel Yld	Rank	Rel. Yld.	Rank	Rel Yld.	Rank	Rel Yld.		
AgriMaxx 415	AgriMaxx	29	99	25	104	16	104	28	101.03	48	96	29	101
AgriMaxx 444	AgriMaxx	4	108	6	110	53	93	36	99.88	31	100	26	102
AgriMaxx 446	AgriMaxx	42	94	30	103	41	97	30	100.50	3	108	29	101
AgriMaxx 463	AgriMaxx	7	106	28	103	15	104	14	104.95	32	100	19	104
AgriMaxx 464	AgriMaxx	41	95	5	110	39	98	20	102.59	26	102	26	102
AgriMaxx 473	AgriMaxx	45	91	22	105	50	94	29	100.88	12	106	32	99
AgriMaxx 474	AgriMaxx	26	100	10	109	36	100	10	105.47	13	106	19	104
AgriMaxx Exp. 1785	AgriMaxx	44	93	36	100	44	96	35	100.00	9	107	34	99
AgriMaxx Exp. 1786	AgriMaxx	31	98	1	116	14	105	37	99.62	11	106	19	105
SRW 9606	Croplan by Winfield	19	103	11	109	26	102	1	110.13	24	102	16	105
8415	Croplan by Winfield	1	114	2	114	1	114	47	97.39	5	108	11	109
8550	Croplan by Winfield	13	105	53	88	45	96	17	103.26	8	107	27	100
WX16722	Dyna-Gro	16	104	17	107	29	101	21	102.52	6	108	18	105
9701	Dyna-Gro	33	97	44	97	38	98	25	101.54	15	105	31	100
9750	Dyna-Gro	30	99	42	97	24	102	40	99.05	27	101	33	100
9772	Dyna-Gro	11	105	15	107	25	102	19	102.77	37	99	21	103
9862	Dyna-Gro	24	101	41	97	46	95	49	96.03	39	98	40	98
Shirley	Dyna-Gro	36	97	27	103	34	100	22	102.42	38	98	31	100

MBX 14-S-210	Eddie Mercer Seed	8	106	43	97	32	101	56	90.77	19	104	32	100
MBX 16-B-203	Eddie Mercer Seed	39	96	7	110	11	106	41	98.92	33	100	26	102
MBX 17-M-245	Eddie Mercer Seed	25	101	13	108	4	109	31	100.48	1	112	15	106
MBX 17-P-275	Eddie Mercer Seed	28	99	32	101	37	99	2	109.94	14	106	23	103
FS-860	Growmark	48	88	45	96	28	101	11	105.43	44	96	35	98
FSX-871	Growmark	10	106	18	106	2	112	4	108.15	34	100	14	106
FSX-872	Growmark	40	95	12	108	31	101	9	105.49	21	104	23	103
MDA 14MW 117	MDA	37	96	51	90	40	98	59	87.28	53	85	48	91
MAS 116	Mid-Atlantic Seeds	38	96	19	106	42	97	15	104.42	23	103	27	101
MAS 316	Mid-Atlantic Seeds	27	100	16	107	9	107	23	102.20	10	107	17	105
MAS 42	Mid-Atlantic Seeds	6	107	35	101	43	96	38	99.54	22	103	29	101
MAS 6	Mid-Atlantic Seeds	46	91	47	95	49	94	43	98.31	25	102	42	96
MAS 61	Mid-Atlantic Seeds	3	109	26	103	7	109	39	99.33	16	105	18	105
MAS 65	Mid-Atlantic Seeds	2	113	8	109	3	110	24	101.76	28	101	13	107
MAS 67	Mid-Atlantic Seeds	23	102	34	101	17	104	12	105.40	4	108	18	104
MAS 69	Mid-Atlantic Seeds	34	97	48	94	33	101	46	97.43	51	90	42	96
MAS 7	Mid-Atlantic Seeds	35	97	24	104	30	101	13	105.01	47	96	30	101
MAS 716	Mid-Atlantic Seeds	21	103	23	105	18	104	33	100.02	2	110	19	104
MAS 816	Mid-Atlantic Seeds	43	94	29	103	23	102	55	90.97	50	91	40	96
MAS-35	Mid-Atlantic Seeds	50	83	50	91	27	102	44	98.01	49	94	44	94
25R25	Pioneer	22	102	39	98	6	109	3	108.42	17	105	17	104
SY 007	Syngenta	15	104	21	105	5	109	52	91.99	20	104	23	103
Syngenta SY100	Syngenta	32	98	49	91	20	103	6	105.98	30	100	27	100
Syngenta SY547	Syngenta	49	85	57	79	35	100	51	93.16	56	78	50	87
15 MDX 1	UMD	NA	NA	55	86	55	91	60	83.12	54	82	56	85
15 MDX 133	UMD	NA	NA	58	76	56	89	57	90.39	NA	NA	57	85
15 MDX 17	UMD	NA	NA	54	86	59	87	53	91.62	NA	NA	55	88
15 MDX 18	UMD	NA	NA	60	68	57	88	50	93.34	NA	NA	56	83
15 MDX 2	UMD	NA	NA	56	84	58	87	58	89.66	55	80	57	85
15 MDX 4	UMD	NA	NA	59	75	60	81	54	91.50	NA	NA	58	83
USG 3197	USG	18	103	38	99	47	94	34	100.01	46	96	37	98
USG 3228	USG	17	104	3	113	19	104	5	107.90	29	101	15	106
USG 3316	USG	5	107	4	113	10	106	7	105.89	45	96	14	106
USG 3404	USG	14	105	9	109	48	94	42	98.74	43	97	31	101

USG 3458	USG	9	106	33	101	21	103	16	103.62	18	104	19	104
USG 3536	USG	20	103	20	106	51	93	26	101.19	7	108	25	102
USG 3549	USG	47	90	46	95	52	93	32	100.10	40	98	43	95
USG 3895	USG	12	105	31	103	12	106	45	97.61	41	97	28	102
Hilliard/VA11W-108	Va Tech	NA	NA	14	108	8	108	18	102.90	42	97	21	104
VA11W-108PA	Va Tech	NA	NA	40	98	22	102	27	101.17	35	99	31	100
VA11W-279	Va Tech	NA	NA	52	90	54	91	48	97.01	52	86	52	91
VA12W-68	Va Tech	NA	NA	37	100	13	106	8	105.80	36	99	24	103

*Lower score indicates better ranking across all locations. Calculated by adding all rankings and dividing by number of locations.

**Higher relative yield score reflects consistent yield performance above the average.

Relative Yield= (Avg yield of variety/Avg yield of location)*100