

**2013 GRIN Triticale Mount Vernon**

Name	yield (lbs/ac)	T. wt. (lbs/bu)	Protein (%)	Days to heading (Julian)	plant ht (inches)	Lodging (%)
LT123/79	<b>6134.4</b>	<b>51.0</b>	10.8	167	53	0
H7090-44	<b>5985.9</b>	<b>50.3</b>	9.8	165	49	0
H7089-1-46-3	<b>5885.5</b>	49.3	<b>12.6</b>	167	36	0
Topo	<b>5761.6</b>	49.0	<b>12.1</b>	159	49	0
Ram 'S'	<b>5547.0</b>	47.6	11.1	155	43	0
H7089-1-64-3	<b>5525.3</b>	<b>50.5</b>	11.9	167	42	0
6TA10-8	<b>5488.8</b>	48.9	9.9	167	58	0
M86-7539	<b>5426.2</b>	<b>50.4</b>	<b>13.1</b>	167	40	0
M86-7610	<b>5326.1</b>	<b>50.2</b>	<b>12.6</b>	167	38	0
M86-7687	<b>5307.6</b>	49.1	10.5	167	54	0
H7089-1-64-1	<b>5289.0</b>	<b>51.1</b>	<b>12.5</b>	167	42	0
H7089-1-522	<b>5180.0</b>	<b>49.7</b>	<b>12.8</b>	167	40	0
H7090-1-68-6	<b>5075.1</b>	<b>50.8</b>	<b>12.6</b>	167	40	0
H7090-64	<b>4924.3</b>	<b>50.5</b>	<b>12.7</b>	167	41	0
H7090-28	<b>4915.8</b>	45.5	11.2	167	38	0
H7089-1-9-5	<b>4798.8</b>	<b>49.7</b>	11.3	167	45	0
H7090-1-22-4	4550.4	47.8	<b>13.2</b>	167	35	0
H7089-52	3914.4	48.6	<b>12.7</b>	167	31	0
C.V.%	17.2	2.0	6.6			
LSD (.10)	1503.5	1.6	1.3			
Average	5279.8	49.45	11.9			
Highest	6134.4	51.1	13.2			
Lowest	3914.5	45.5	9.8			

**2013 Progene Triticale Mount Vernon**

Name	yield (lbs/ac)	T. wt. (lbs/bu)	Protein (%)	Days to heading (Julian)	plant ht (inches)	Lodging (%)
Mah 2601	<b>6623.1</b>	<b>48.1</b>	<b>11.7</b>	155	47	0
Bolt	<b>5790.7</b>	<b>49.5</b>	10.2	163	57	50
Gabo	<b>5281.1</b>	<b>47.5</b>	<b>11.9</b>	155	46	0
1596	<b>5219.8</b>	<b>47.4</b>	<b>11.9</b>	154	49	0
Logo	<b>4798.9</b>	<b>47.3</b>	11.0	161	48	0
Mah 20555-8/7	<b>4761.7</b>	<b>45.5</b>	11.5	159	50	0
37812	<b>4715.5</b>	<b>48.6</b>	<b>12.3</b>	149	33	0
Mah 28246	<b>4670.3</b>	<b>46.4</b>	11.3	154	49	0
175476	3962.2	45.0	<b>12.4</b>	159	46	0
FL00062-H6	3408.4	49.4	11.5	163	54	0
C.V.%	23.3	3.9	4.0			
LSD (.10)	1954.9	3.1	0.8			
Average	4923.2	47.5	11.6			
Highest	6623.0	49.5	12.4			
Lowest	3408.3	45.0	10.2			

- All values within the 10% LSD range of the highest are shown in bold.
- The triticale nurseries was seeded on 27 March 2013.
- Seed was placed at 100#/ac seeding rate with a double disc drill set on 6-inch spacing.
- 90 lbs N, 21 P, 32 K, and 28 S were applied preplant.
- No fungicides were applied for stripe rust control.
- The GRIN and Progene nurseries were harvested on 19 September 2013 averaging 5280 lbs/ac and 4923 lbs/ac respectively. These were 2440 and 749 lbs/ac greater than last year.
- Test Weight averaged 49.5 and 47.5 lbs/bu for GRIN and Progene respectively.
- Grain protein averaged 11.9 % and 11.6 % for GRIN and Progene respectively.

For additional information contact Steve Lyon (slyon@wsu.edu).  
 For additional variety testing results visit: <http://plantbreeding.wsu.edu>

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