

2007 Roundup Ready Corn Trial - Continuously Cropped - No-till, Regent

Cooperators: August and Perry Kirschmann

Brand	Hybrid	GDU's	Relative Maturity	Ear Height	Test Weight	Harvest Moisture	Grain Yield
		*	days	inches	lbs/bu	%	bu/Ac
Integra Seed	6780R	1930	80	30	58.4	20.4	78.8
	6385R	2060	85	30	57.0	21.9	78.0
Mycogen	2J272	2240	87	33	55.6	24.9	73.1
	2D326	2370	92	34	48.6	28.0	71.0
	2P174	2220	85	28	55.4	21.1	62.5
Peterson Farms	34M83	2030	83	30	52.3	23.6	77.0
	25F84	2080	84	29	55.2	21.0	74.2
Proseed	787RRCRW	2030	87	29	55.3	21.0	76.2
	781RR	1900	81	33	50.6	21.0	71.8
	581RRBtCRW	2000	83	35	53.6	22.6	64.0
Trial Mean				31	54.2	22.6	72.7
C.V. %				6.4	3.7	6.4	8.2
LSD 5%				3	2.9	3.7	8.7
LSD 1%				4	4.0	4.9	11.7

*Growing Degree Units to Black Layer.

Planting Date: May 3, 2007

Harvest Date: October 3, 2007

Seeding Rate: 26,500 seeds / acre, thinned to 24,000 plants / acre.

Row Spacing: 28"

Previous Crop: HRSW

Note: Yields are adjusted to 13.5% moisture.

2007 Skip Row Corn Trial - No-till**Hettinger**

Row Configuration	Days to Silk	Ear Height	Test Weight	Harvest Moisture	- Grain Yield -		Avg. Yield
		inches	lbs/bu	%	2005	2007	-- bushes per acre --
Conventional 28" rows	83	29	55.7	15.1	32.2	34.3	33.2
1 planted x 1 skipped	82	30	57.4	15.8	40.6	72.2	56.1
2 planted x 1 skipped	84	31	56.8	15.8	44.9	72.0	58.4
2 planted x 2 skipped	83	31	55.5	15.8	22.8	66.9	44.8
Trial Mean	83	30	56.4	15.6	35.1	61.4	--
C.V. %	0.7	11.2	1.6	2.1	16.3	10.9	--
LSD 5%	NS	NS	NS	NS	10.9	21.3	--

Planting Date: May 3, 2007

Harvest Date: October 3, 2007

Hybrid = Mycogen 2P174

Plant Population: 18,000 plants / acre.

Note: Yields are adjusted to 13.5% moisture.

NS = no statistical difference between planting configurations.

2007 Roundup Ready Corn Trial - Continuously Cropped - No-till, Hettinger

Brand	Hybrid	GDU's	Relative Maturity	Days to Silk	Ear Height	Test Weight	Harvest Moisture	Grain Yield
		*	days		inches	lbs/bu	%	bu/Ac
IntegraSeed	6780R	1930	80	76	31	58.4	16.1	82.4
	6385R	2060	85	80	33	58.1	15.0	78.8
Mycogen	2J272	2240	87	80	36	56.7	16.6	78.5
	2D326	2370	92	81	38	56.6	16.6	68.6
Proseed	781RR	1900	81	78	33	54.2	15.4	87.7
	581RRBtCRW	2000	83	81	36	61.0	16.0	59.8
	787RRCRW	2030	87	78	31	57.8	14.4	64.7
Trial Mean				79	34	57.6	15.7	74.4
C.V. %				3.2	6.1	1.7	5.8	7.5
LSD 5%				1	3	1.5	1.3	8.3
LSD 1%				1	4	2.0	NS	11.4

*Growing Degree Units to Black Layer.

NS = no statistical difference between hybrids.

Planting Date: May 3, 2007

Harvest Date: October 3, 2007

Seeding Rate: 26,500 seeds / acre, thinned to 24,000 plants / acre.

Row Spacing: 28"

Previous Crop: HRSW

Note: Yields are adjusted to 13.5% moisture.