

289.TC

Non-GMO Soybean Variety

Food Feed **Commodity** Oil



Maturity 2.8

- Proven performer across wide range of conditions
- Resistant to SCN, R3 & MR14
- Tall plant type, handles stress well
- Excellent tolerance to SDS

Variety Characteristics*	
Plant Height	Tall
Plant Type	Bushy
Row Width	All
Standability	2.2
Flower Color	White
Pubescence	Light Tawny
Pod Color	Brown
Hilum Color	Black
Approx. seeds/lb.	2,800

Disease & Pest Ratings*	
Phytophthora Gene	Rps1c
Phytophthora Tolerance	2.2
Soybean Cyst Nematode	R3, MR14
Brown Stem Rot	1.5
Sudden Death Syndrome	1.5
Iron Deficiency Chlorosis	1.8
White Mold	2.0

*1 - 5 rating with 1 being Excellent; R = resistant; MR = moderately resistant; S = susceptible

Value Added Characteristics**	
Protein	42.5%
Oil	22.4%

**Protein and oil values are reported on a dry weight basis (DWB). Environmental conditions may cause protein and oil composition to fluctuate.

2010 Yield Data					
Variety	NE	IA	IL	IN/OH	All LOCS
eMerge 289.TC	44.7	54.5	48.4	55.2	51.7
Pioneer P93M11	49.5	61.5	51.6	51.7	55.3
Pioneer P92M61	50.6	56.4	46.1	51.4	52.4
Pioneer P92M72	48.9	55.7	46.6	52.2	51.7
Pioneer P92Y80	45.4	54.7	46.5	53.2	51.4
Asgrow AG2839	47.6	57.4	43.5	52.1	51.9
Syngenta NKS27-C4	44.9	55.6	35.5	50.5	51.6

Iowa Crop Improvement, Central region, 2010 conventional, LibertyLink, RoundupReady2Yield, and specialty lines, MG 2.1-3.2.

Brand	Entry	IST	District Means			Single Location Yield		
			Yield Bu/A	Yield % of Mn	Mat. Date	Missouri Valley	Ames	Walker
Merschman	Mohawk 1128RR2Y	TX6K	54.7	110	30	62.8	53.0	48.1
Merschman	Arthur 1030RR2Y	TX6K	54.3	110	31	59.6	51.2	51.4
Merschman	Cherokee 1029RR2Y	TX6K	53.6	108	30	59.3	49.9	51.4
BRT	2920	CM	52.3	106	27	55.8	49.3	51.6
eMerge	289.TC	CM	51.8	105	26	53.5	49.9	52.7
NuTech	309CN	CM	51.7	104	27	55.8	48.8	50.8
eMerge	3005		51.7	104	27	56.2	52.5	46.5
NuTech	315	CM	51.3	104	31	58.5	49.8	46.3
Merschman	Mohave 1128LL	TX6K	50.7	102	30	54.8	50.5	47.2
Merschman	Jefferson 1131RR2Y	TX6K	50.6	102	34	57.4	48.1	46.0
BRT	2620N	CM	50.4	102	21	52.9	48.1	50.3
NuTech	270CN	CM	50.4	102	25	53.3	46.5	51.2
LG Seeds	C3069LL	TX6K	50.2	101	31	52.8	51.5	46.3
Titan Pro	26B40	ACL	50.0	101	28	52.8	52.5	44.9
LG Seeds	C2525LL	TX6K	50.0	101	27	53.2	51.6	44.3
Public	IA3044		49.7	100	32	53.3	50.8	44.6
NuTech	3280L	CM	49.6	100	31	53.5	48.8	46.7
Merschman	McKinley 1130LL	TX6K	49.2	99	31	51.7	48.9	47.0
NuTech	259CN	CM	49.1	99	15	48.7	48.5	49.9
LG Seeds	C2665LL	TX6K	48.6	98	26	53.5	47.2	46.1
Epley	ESB240NLL		48.6	98	24	52.1	47.7	44.9
Experiment Mean			49.5	.	27	53.4	49.0	46.2
Minimum Mean			45.5	.	15	48.7	43.4	36.3
Maximum Mean			54.7	.	34	62.8	53.4	52.7
LSD(0.25)			2.4	.	2	3.3	2.6	3.5
Coefficient of Variability			6.2	.	.	7.5	6.4	9.1