

2010 Barley Variety Trial - Continuously Cropped - No-till**New Leipzig**

Cooperator: Jan Sprecher, New Leipzig

Variety	Plant	Test	%	Grain	---- Grain Yield ----			Average Yield	
	Height	Weight	Plump	Protein	2007	2008	2010	2 yr	3 yr
	inches	lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types									
Pinnacle	31	47.4	92	13.4	63.9	28.6	68.9	48.8	53.8
Rawson	33	46.1	92	12.9	59.0	30.4	58.0	44.2	49.1
Conlon	32	46.6	91	14.0	45.9	25.6	54.5	40.0	42.0
6 Row Types									
Stellar-ND	33	42.6	79	13.4	66.8	33.3	52.8	43.0	51.0
Celebration	30	43.0	83	14.6			55.9		
Tradition	32	43.9	78	14.4			54.1		
Trial Mean	32	44.9	86	13.8	64.4	30.0	57.4	--	--
C.V. %	6.4	1.4	5.3	2.5	4.7	9.8	5.0	--	--
LSD .05	NS	0.9	7	0.5	4.4	4.4	4.4	--	--
LSD .01	NS	1.3	9	0.7	6.0	6.1	6.0	--	--

NS = no statistical difference between varieties.

Planting Date: April 22

Harvest Date: August 17

Seeding Rate: 750,000 live seeds / acre (approx. 1.4 bu/A).

Previous Crop: 2006 = hrww, 2007 & 2009 = hrsw.

Note: The 2008 trial sustained severe heat and moisture stress.

The 2010 trial sustained moderate hail damage.