

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Onion - Dryland, Organic	Carrington
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Hybrid/Variety ¹	Days to Emergence	Seedling Wilt ² 1-5	Days to 75% down from May 18-19	Harvest Date	Total Bulbs per acre	Yield ³ cwt/ac					Culls	Total
						3 to 4"	2 1/4 to 3"	1 to 2 1/4"	< 1"			
Clear Dawn	13.5	3	96.0	Aug 19	53910	0.0	48.5	45.2	0.1	1.5	95.3	
Copra	13.5	3	100.3	Aug 22	60717	2.3	66.8	49.1	0.0	0.7	119.0	
Cortland	14.0	3	96.8	Aug 29	59083	30.4	123.2	19.1	0.1	2.0	174.8	
Dakota Tears	14.0	4	108.8	Sept 12	56088	102.6	73.2	27.5	0.1	12.4	215.9	
New York Early	14.3	4	94.8	Aug 22	59355	3.8	55.1	46.2	0.5	0.0	105.6	
Patterson	14.8	5	93.8	Aug 22	65073	21.8	56.5	54.5	0.4	1.5	134.6	
Pontiac	15.5	2	101.8	Sept 7	57722	110.3	96.4	15.9	0.1	0.5	223.3	
Sedona	17.0	2	103.0	Sept 7	59083	197.9	81.4	8.6	0.0	0.0	287.9	
Talon	13.3	3	102.3	Sept 1	58538	61.8	101.1	20.1	0.5	1.0	184.6	
Trailblazer	15.0	1	101.8	Aug 19	55271	14.3	20.0	52.4	0.5	1.2	88.5	
Mean	14.5	*	99.9	*	58484	54.5	72.2	33.8	0.3	2.0	163.0	
C.V. (%)	5.3	*	11.2	*	6.3	44.5	44.5	37.4	116.5	126.7	16.6	
LSD 0.10	0.9	*	13.5	*	4431	29.2	29.2	15.3	0.4	3.2	32.6	

Planted in Greenhouse = March 7; Over planted and thinned = March 23; Transplanted in Field = May 18-19; Previous Crop = Radish Cover Crop

Row spacing/arrangement, single 24" row with 4" bulb spacing

¹ All entries are F1 hybrid with the exception of Dakota Tears which is an OP (open pollinated) variety

² Seedling wilt score: seedlings were overwatered in greenhouse, entries were rated on March 28 (2-leaf stage) with 1 = worst and 5 = best

³ Bulbs >4" not reported; Dakota Tears only entry that had >4" with a 2.2 cwt/ac yield