

## Dryland confection sunflower variety performance trial at Akron<sup>1</sup> in 2006.

Hybrid	Yield	Moisture	Test Weight	Plant Height	Density	Lodging	Seed Size		
							Percent below 20/64	Percent above 20/64	Percent above 22/64
	lb/ac	%	lb/bu	in	plants/ac	%	20/64	20/64	22/64
Triumph 777C	714	11.2	21.6	48	3724	19.7	13.4	12.7	73.9
Triumph 767C	707	7.6	22.2	45	4286	17.1	18.9	17.0	64.1
<b>Average</b>	<b>710</b>	<b>9.4</b>	<b>21.9</b>	<b>46</b>	<b>4005</b>	<b>18.4</b>			

<sup>1</sup>Trial conducted at the Central Great Plains Research Station; seeded 6/14 and harvested 10/27.

\*Note that dry soil at planting time caused extremely poor germination. Drought and daily high temperatures continued throughout July and part of August. Due to very high variation in yield from plot to plot, no statistical interpretation was possible and yield results can only be considered as yield trends.

### Site Information

Plot Size: 5' x 31' with 30' row spacing; no-till  
 Experimental Design: randomized complete block, 4 replications  
 Seeding Rate: approximately 15,000 seeds/acre  
 Previous Crop: canola/juncea  
 Precipitation: May 4 - September 30, 11.69 inches, 84 % of normal.  
 Soil Type: Weld silt loam  
 Fertilization: none  
 Herbicide: Round up  
 Bactericide: none  
 Insecticide: none

## 2-yr average dryland confection sunflower variety performance trial at Akron in 2005-06.

Hybrid	Yield	Moisture	Test Weight	Plant Height	Density	Lodging	Seed Size		
							Percent below 20/64	Percent above 20/64	Percent above 22/64
	lb/ac	%	lb/bu	in	plants/ac	%	20/64	20/64	22/64
Triumph 777C	710	8.6	20.9	40	7512	10.7	46.0	14.7	39.4
Triumph 767C	647	6.7	21.0	38	6972	9.8	52.2	14.3	33.5
<b>Average</b>	<b>679</b>	<b>7.7</b>	<b>21.0</b>	<b>39</b>	<b>7242</b>	<b>10.3</b>			