

Onion - Strip-Till vs. Conventional

Dickey County - Oakes Irrigation Research Site

Tillage Treatment	Date Half Down ¹	Onion Yield by Bulb Size					Culls	Total	Single Center ²	Total Bulbs
		>4"	3 to 4"	3"	1 to 2 1/4"					
		-----cwt/ac-----							%	1000/ac
Conventional Tillage	9/16	176	573	105	13	34	867	80	128	
Strip Tillage	9/7	76	661	234	31	12	1002	78	182	
MEAN	11	126	617	169	22	23	934	79	155	
C.V. (%)	19	39	4	21	18	45	3	19	7	
LSD 0.05	5	NS	55	80	9	NS	58	NS	26	

Planting date = May 4; Harvest date = September 21; Previous crop = HRSW.

Fertilizer Rate lb/ac: N = 150, P₂O₅ = 43, K₂O = 54 and Sulfur = 22.

Hybrid = Sedona.

¹Date when half the onion tops have fallen over. This is an indication of maturity.

²Percent of onions with single centers from ten large onions selected at random