

**NDSU Carrington Research Extension Center
2010 Variety Trial Data**

Energy Beet - Syngenta Collaboration

Variety Entry ID	Carrington Dryland			Carrington Irrigated			Oakes Irrigated		
	Sugar Content %	Root Yield ton/ac	Sugar Yield lb/ac	Sugar Content %	Root Yield ton/ac	Sugar Yield lb/ac	Sugar Content %	Root Yield ton/ac	Sugar Yield lb/ac
1	19.6	28.3	11,084	18.6	43.1	16,044	17.9	39.2	14,035
2	19.9	24.8	9,887	19.1	36.7	14,022	18.5	35.0	12,938
3	19.0	23.3	8,847	18.6	37.6	13,970	17.9	35.4	12,678
4	18.8	28.0	10,531	18.0	38.5	13,856	17.4	36.7	12,758
5	19.6	24.8	9,703	18.5	34.9	12,905	18.2	39.1	14,238
6	18.9	26.6	10,048	17.2	43.3	14,882	16.8	43.3	14,536
7	19.8	21.7	8,601	19.3	33.4	12,877	18.7	33.2	12,410
8	19.1	29.0	11,091	18.7	39.4	14,729	18.0	37.9	13,632
9	19.0	26.1	9,915	18.0	39.7	14,290	17.6	38.6	13,580
10	18.3	24.2	8,864	17.8	34.9	12,416	17.1	37.3	12,752
11	19.5	22.7	8,836	19.1	34.6	13,204	18.4	37.3	13,738
12	19.5	25.7	10,036	18.8	38.5	14,489	17.6	38.8	13,658
13	19.9	24.7	9,816	19.0	34.7	13,169	18.2	35.3	12,858
14	19.4	23.0	8,912	18.6	35.9	13,373	18.3	34.5	12,618
15	18.7	23.8	8,891	17.8	38.7	13,766	17.3	38.1	13,194
16	18.8	26.4	9,911	18.1	41.5	15,031	17.6	39.1	13,752
MEAN	19.2	25.2	9,686	18.5	37.8	13,939	17.8	37.4	13,336

Carrington - Planting Date = April 15; Harvest Date = October 21.

The trial at Oakes was conducted at the CREC's Oakes Irrigation Research Site by Walt Albus, lead investigator.