

**NDSU Carrington Research Extension Center  
2014 Variety Trial Data**

**Table 1. Energy/Industrial Beet**

Brand	Hybrid	Carrington Dryland <sup>1</sup>		Carrington Irrigated	
		Sugar Content	Root Yield	Sugar Content	Root Yield
		%	ton/ac	%	ton/ac
Syngenta	HM 173RR	23.3	19.0	21.4	28.0
Syngenta	HM4300RR	22.7	20.7	21.6	30.2
Syngenta	HM9036RR	22.4	18.7	20.1	25.3
Syngenta	HM4022RR	22.0	19.0	22.7	25.4
SES Vanderhave	SV RR1141E	22.3	20.5	20.9	29.6
SES Vanderhave	SV RR1142E	23.0	21.9	21.4	29.6
SES Vanderhave	SV RR1143E	21.5	18.6	21.7	29.9
SES Vanderhave	SV RR1144E	22.6	19.1	22.3	28.8
Betaseed	X401	22.7	21.3	22.4	28.5
Betaseed	X402	20.0	20.4	22.6	28.7
Betaseed	X403	21.9	20.0	22.1	29.0
Betaseed	X406	21.4	22.3	21.8	30.3
MEAN		22.1	20.1	21.7	28.6
C.V. (%)		na	15.1	3.5	11.2
LSD 0.10		na	NS	NS	NS
LSD 0.05		na	NS	NS	NS

**Planting Date = June 17;  
Harvest Date = October 17;  
Previous Crop = Spring Wheat**

**Planting Date = May 23;  
Harvest Date = October 14;  
Previous Crop = Spring Wheat**

<sup>1</sup> These data represent the second planting of the dryland trial. The initial planting on May 23 resulted in poor stands. Trial was replanted on June 17. Stand establishment in some areas again was poor, an unanticipated residual herbicide was determined.

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2014 Variety Trial Data**

**Table 2. Energy/Industrial Beet**

Brand	Hybrid	Barnes County - Litchville		Stutsman County	
		Sugar Content	Root Yield	Sugar Content	Root Yield
		%	ton/ac	%	ton/ac
Syngenta	HM 173RR	18.1	20.1	22.6	23.3
Syngenta	HM4300RR	17.0	23.3	21.9	23.3
Syngenta	HM9036RR	16.8	21.2	21.5	26.1
Syngenta	HM4022RR	17.3	24.0	22.2	25.3
SES Vanderhave	SV RR1141E	15.7	23.9	20.6	30.3
SES Vanderhave	SV RR1142E	16.9	23.0	22.2	26.8
SES Vanderhave	SV RR1143E	18.1	24.7	22.0	28.0
SES Vanderhave	SV RR1144E	17.7	23.0	22.6	27.5
Betaseed	X401	18.4	19.9	23.6	21.9
Betaseed	X402	17.6	22.1	23.1	27.7
Betaseed	X403	17.1	21.2	22.9	30.5
Betaseed	X406	17.1	26.0	22.6	26.0
	MEAN	17.3	22.7	22.3	26.4
	C.V. (%)	2.1	6.1	2.5	8.7
	LSD 0.10	0.66	1.7	1.0	2.7
	LSD 0.05	0.81	2.0	1.2	3.3

**Planting Date = May 29;  
Harvest Date = October 23;  
Previous Crop = Spring Wheat**

**Planting Date = May 30;  
Harvest Date = October 20;  
Previous Crop = Corn**