

**NDSU:Carrington Research Extension Center
2003 Variety Trial Data**

Brassica Forage	Carrington
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Harvest 1		Harvest 2					Turnip Leaf	Turnip Root			
Variety	Type	Plant Height	Harvest Moisture	Yield @ 15%	Yield Dry Wt.	Regrowth Score	Plant Height	Harvest Moisture	Yield@ 15%	Yield Dry Wt.	Yield Dry Wt.
		inch	%	ton/ac	ton/ac	1-9	inch	%	ton/ac	ton/ac	ton/ac
Barkant	Turnip	18.2	85.5	1.75	1.49	4	6.7	67.1	0.25	0.21	0.17
Barnapoli	Rape	23.8	81.9	2.23	1.89	0.5	5.7	--	--	--	--
Dwarf Essex	Rape	17.2	79.2	1.62	1.38	2	5.9	--	--	--	--
Green Globe	Turnip	17.0	83.5	1.86	1.58	6	8.0	63.7	0.68	0.58	0.35
Purple Top	Turnip	14.3	80.8	1.96	1.67	9	7.3	71.8	0.76	0.65	1.02
Rangiora	Rape	19.8	83.1	1.67	1.42	0.5	4.6	--	--	--	--
York Globe	Turnip	14.5	83.7	1.60	1.36	7	7.7	66.1	0.74	0.63	1.23
	Mean	17.8	82.5	1.81	1.54	4.1	6.6	67.2	0.61	0.52	0.69
	C.V.%	13.6	3.2	24.3	24.3	29.2	16.7	7.4	24.9	24.9	24.6
	LSD.05	3.6	NS	NS	NS	1.8	1.9	NS	0.3	0.26	0.34
	#Reps	4	4	4	4	4	4	3	3	3	3

Planting Date: May 13; Previous Crop: Spring Wheat

Harvest Date 1: August 6; Harvest Date 2: October 6

Regrowth score: 0=no regrowth, 1= worst, 9= best

Flea beetle pressure was severe from emergence on, no insecticides were used

Comparison ranking of brassicas planted (order of greatest tolerance to flea beetle): Crambe-Mustard-Kale-Turnip-Rape