

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

Warm-Season Forages **Carrington**

Variety	Type	Harvest 1		-- Yield --										Days to Harvest	Harvest Date
		Plant Lodging	Plant Height	Legume Height	Harvest Moisture	Dry 15%	Dry wt.	CP	ADF	NDF	TDN	RFV	Harvest Stage		
		0-9	inch	inch	%	-- ton/ac --	----- % DM -----								
Cerise	red proso millet	0.5	52.1	.	80.3	3.65	3.11	10.9	36.4	56.4	60.6	100	Fully headed	58	30-Jul
Crown	grey proso millet	0.0	52.0	.	77.9	3.49	2.97	10.5	36.3	58.4	60.6	97	Fully headed	58	30-Jul
Derry	forage soybean	0.3	40.4	.	81.4	2.18	1.85	20.3	35.2	46.9	61.5	122	Vegetative	79	20-Aug
Highland Sweet	sorghum-sudan	0.0	67.0	.	79.6	4.15	3.53	12.2	39.1	58.2	58.5	94	Vegetative	56	28-Jul
Japanese Millet	common	0.0	44.8	.	80.8	2.80	2.38	15.3	38.1	58.4	59.3	94	Boot	63	4-Aug
Millstar	pearl millet	0.0	57.0	.	83.3	3.66	3.11	12.2	38.3	60.1	59.0	91	Vegetative	63	4-Aug
Mor-For	sorghum-sudan	0.0	70.6	.	78.1	4.60	3.91	14.3	38.1	58.2	59.2	95	Vegetative	56	28-Jul
Mor-For/Octa	sorg-sud/foragesoy	0.0	71.1	29.9	78.0	4.50	3.82	16.6	38.3	56.0	59.1	98	Vegetative/Vegetative	56	28-Jul
Nutri Plus BMR	sorghum-sudan	0.0	61.1	.	76.5	5.07	4.31	14.4	36.2	55.0	60.7	103	Vegetative	56	28-Jul
Nutri Plus/Derry	sorg-sud/foragesoy	0.0	60.6	30.0	77.6	4.13	3.51	14.5	36.8	55.7	60.0	101	Vegetative/Vegetative	56	28-Jul
Octa	forage soybean	0.0	38.7	.	81.2	1.89	1.61	17.0	44.6	52.4	54.1	96	Vegetative	79	20-Aug
Paul	naked oat	1.0	51.6	.	80.0	3.95	3.36	14.9	38.8	57.8	58.7	94	Early Milk	60	1-Aug
Piper	sudangrass	0.0	75.9	.	80.2	4.20	3.57	14.5	41.1	60.9	56.8	87	Vegetative	56	28-Jul
Spineless Safflower	forage safflower	0.5	36.7	.	84.4	2.74	2.33	18.5	39.9	47.9	57.8	112	Bud	56	28-Jul
Mean		0.2	55.6	30.0	80.0	3.64	3.10	14.7	38.4	55.8	59.0	99			
C.V.%		249.0	6.0	8.6	2.5	14.2	14.2	11.9	4.6	2.8	2.3	4.5			
LSD.05		0.6	4.8	NS	2.9	0.75	0.63	2.9	3.0	2.6	2.3	8			

Trial Planted: June 2; Previous Crop: Soybeans; Fall 2002 soil test: 45 lb/ac N; NH3 fall applied = 100 lb/ac

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2003 Variety Trial Data**

Warm-Season Forages **Carrington**

Variety	Type	Harvest 2		Harvest Moisture	-- Yield --		Harvest Stage	Harvest Date	-- Combined Yield --	
		Plant Lodging	Plant Height		15%	Dry wt.			15% Dry wt.	
		inch	inch		-- ton/ac --				-- ton/ac --	
Cerise	red proso millet	.	.	.	.	.			3.7	3.1
Crown	grey proso millet	.	.	.	.	.			3.5	3.0
Derry	forage soybean	.	.	.	.	.			2.2	1.9
Highland Sweet	sorghum-sudan	0	63.8	74.0	5.05	4.29	Vegetative	22-Sep	9.2	7.9
Japanese Millet	common	0	36.2	74.1	2.48	2.11	Soft dough	22-Sep	5.3	4.5
Millstar	pearl millet	0	28.0	78.9	1.67	1.42	Boot-10 % heading	22-Sep	5.5	4.6
Mor-For	sorghum-sudan	0	74.9	72.6	6.13	5.21	Vegetative	22-Sep	10.8	9.2
Mor-For/Octa	sorg-sud/foragesoy	0	80.1	71.9	6.54	5.56	Vegetative	22-Sep	11.0	9.4
Nutri Plus BMR	sorghum-sudan	0	61.0	69.9	6.20	5.27	Vegetative	22-Sep	11.4	9.7
Nutri Plus/Derry	sorg-sud/foragesoy	0	68.5	69.7	6.82	5.80	Vegetative	22-Sep	11.4	9.7
Octa	forage soybean	.	.	.	.	.			1.9	1.6
Paul	naked oat	.	.	.	.	.			4.0	3.4
Piper	sudangrass	0	72.2	73	4.8	4.08	Boot-heading	22-Sep	9.0	7.6
Spineless Safflower	forage safflower	.	.	.	.	.			2.7	2.3
Mean		0	61.6	72.9	5.07	4.31			6.1	5.2
C.V.%		.	5.0	2.8	11.4	11.4			12.6	12.6
LSD.05		.	5.4	3.6	1.02	0.87			1.2	1.0

**Trial Planted: June 2; Previous Crop:
Soybeans; Fall 2002 soil test: 45 lb/ac N;
NH3 fall applied = 100 lb/ac**