

Expt.	Plot	Rep	Growth Stage	Variety	Var #	Cut Date	Forage Harvest					DM	Moisture	Protein Fractions					Fiber Fractions				Carbs and Fats			Energy Calculations; NRC, 2001							Minerals					
							Plot Wet		Yield (tons/acre)	Milk/acre (lbs)	CP			RDP	ADF-CP	NDF-CP	Est HDP	Adj CP	ADF	aNDF	ADL	ADL	NDFD 48	NFC	Fat	TDN 1x	NEI 3x	NEm	NEg	ME	RFQ	Milk/ton	P	Ca	K	Mg	Ash	
							Weight(lbs)	%Moisture																														%DM
18089	101	1	10.1	Trical 815	4	29-May	48.05	82.76	17.24	2.58	8044	91.90	8.10	16.19	100	0.69	4.92	0.69	16.19	34.35	58.38	5.27	9.03	67.02	16.12	3.22	64.52	0.66	0.70	0.43	1.10	139.83	3121	0.33	0.42	2.55	0.28	11.02
18089	102	1	10.1	KWS Daniello	3	23-May	55.80	83.59	16.41	2.85	8805	91.48	8.52	15.5	100	0.67	4.98	0.67	15.50	35.53	60.39	5.79	9.59	66.21	15.49	3.25	64.19	0.66	0.69	0.42	1.09	134.36	3090	0.32	0.41	2.39	0.29	10.35
18089	103	1	10.1	KWS Progas	1	23-May	54.50	83.62	16.38	2.78	8459	91.04	8.96	14.94	100	0.71	5.03	0.71	14.94	35.75	62.01	6.02	9.70	65.33	15.11	3.17	63.67	0.65	0.68	0.41	1.08	129.33	3046	0.32	0.38	2.25	0.29	9.80
18089	104	1	10.1	KWS Propower	2	23-May	58.55	83.67	16.33	2.98	8357	90.40	9.60	13.37	100	0.87	4.41	0.87	13.37	38.18	61.35	6.00	9.78	62.22	15.33	3.21	60.71	0.62	0.63	0.37	1.02	120.10	2809	0.32	0.43	2.30	0.32	11.16
18089	201	2	10.1	KWS Daniello	3	23-May	59.60	84.65	15.35	2.85	9340	90.72	9.28	17.38	100	0.67	5.29	0.67	17.38	33.26	58.19	5.43	9.33	67.14	17.06	3.46	66.77	0.69	0.74	0.46	1.14	145.23	3282	0.34	0.45	2.27	0.29	9.19
18089	202	2	10.1	KWS Propower	2	23-May	60.55	83.99	16.01	3.02	8873	90.55	9.45	14.17	100	0.77	4.74	0.77	14.17	37.41	61.79	5.91	9.57	65.17	14.18	3.28	62.22	0.64	0.66	0.39	1.05	126.51	2941	0.32	0.40	2.35	0.30	11.33
18089	203	2	10.1	Trical 815	4	29-May	52.10	82.84	17.16	2.78	8363	90.50	9.50	15.68	100	0.73	4.98	0.73	15.68	34.19	60.00	5.90	9.83	64.19	15.33	3.45	63.25	0.65	0.68	0.41	1.07	130.19	3007	0.34	0.40	2.32	0.27	10.53
18089	204	2	10.1	KWS Progas	1	23-May	56.95	81.34	18.66	3.31	10311	91.11	8.89	15.61	100	0.72	4.97	0.72	15.61	34.89	60.10	5.58	9.29	65.86	16.20	3.25	64.61	0.66	0.70	0.43	1.10	135.24	3118	0.33	0.40	2.33	0.29	9.82
18089	301	3	11.1	KWS Progas	1	22-Jun	48.15	63.60	36.40	5.45	15090	94.38	5.62	7.73	100	0.50	1.75	0.50	7.73	32.70	55.74	7.87	14.12	51.02	32.50	1.90	61.55	0.63	0.64	0.38	1.04	116.08	2767	0.19	0.18	1.31	0.09	3.88
18089	302	3	11.1	KWS Propower	2	22-Jun	54.35	65.81	34.19	5.78	15890	93.79	6.21	7.15	100	0.53	1.77	0.53	7.15	33.52	57.22	7.84	13.71	52.36	30.71	2.07	61.11	0.62	0.64	0.37	1.03	114.31	2748	0.20	0.16	1.28	0.09	4.62
18089	303	3	11.1	Trical 815	4	22-Jun	44.70	68.47	31.53	4.39	11114	93.78	6.22	8.84	100	0.67	2.77	0.67	8.84	35.96	60.34	6.96	11.54	52.13	24.71	2.24	58.15	0.59	0.58	0.32	0.97	103.35	2534	0.22	0.19	1.49	0.14	6.65
18089	304	3	11.1	KWS Daniello	3	22-Jun	53.55	66.27	33.73	5.62	14482	93.74	6.26	6.95	100	0.55	2.01	0.55	6.95	35.52	59.33	7.98	13.45	51.93	27.63	2.13	58.78	0.60	0.59	0.33	0.98	105.83	2577	0.20	0.17	1.43	0.09	5.96
18089	401	4	11.1	Trical 815	4	22-Jun	44.80	67.73	32.27	4.50	10727	93.39	6.61	8.15	100	0.68	2.98	0.68	8.15	38.23	63.38	7.44	11.75	51.28	22.38	2.24	56.19	0.57	0.54	0.29	0.93	94.43	2385	0.22	0.23	1.58	0.14	6.83
18089	402	4	11.1	KWS Progas	1	22-Jun	53.90	64.59	35.41	5.94	15625	93.8	6.2	7.36	100	0.56	2.43	0.56	7.36	36.75	61.33	7.50	12.23	52.39	26.93	2.09	59.47	0.61	0.61	0.34	1.00	104.51	2631	0.20	0.23	1.36	0.11	4.72
18089	403	4	11.1	KWS Daniello	3	22-Jun	51.65	66.95	33.05	5.31	13030	93.71	6.29	6.92	100	0.63	2.64	0.63	6.92	37.69	63.82	8.01	12.55	50.89	24.94	2.00	57.19	0.58	0.56	0.31	0.95	95.02	2453	0.21	0.17	1.49	0.10	4.96
18089	404	4	11.1	KWS Propower	2	22-Jun	55.70	66.00	34.00	5.89	15155	93.56	6.44	7.04	100	0.55	2.27	0.55	7.04	36.46	60.93	7.99	13.12	52.02	26.81	2.08	58.70	0.60	0.59	0.33	0.98	103.28	2572	0.21	0.19	1.40	0.10	5.40

Variety	Cut Date	Milk/acre (lbs)	Tons/acre
Trical 815	29-May	8204	2.679
KWS Daniello	23-May	9073	2.848
KWS Propower	23-May	8615	2.996
KWS Progas	23-May		3.042
KWS Propower	22-Jun	15523	5.837
Trical 815	22-Jun	10920	4.442
KWS Daniello	22-Jun	13756	5.466
KWS Progas	22-Jun		5.696

8044	8363
8805	9340
8357	8873
15890	15155
11114	10727
14482	13030

Variety	Cut Date
Triticale	29-May
KWS Daniello	23-May
KWS Propower	23-May
KWS Progas	23-May
KWS Propower	22-Jun
Trical 815	22-Jun
KWS Daniello	22-Jun
KWS Progas	22-Jun

	DM	Ash	Fat	CP	NDF	ADF	Lignin	ME	Nem	Neg	
KWS Progas	10.1	17.52	9.81	3.21	15.28	61.06	35.32	5.80	1.09	0.69	0.42
KWS Propower	10.1	16.17	11.25	3.25	13.77	61.57	37.80	5.96	1.04	0.65	0.38
KWS Progas	11.1	35.91	4.30	2.00	5.91	58.54	34.73	7.69	1.02	0.63	0.36
KWS Propower	11.1	34.10	5.01	2.08	7.10	59.08	34.99	7.92	1.01	0.62	0.35
		16.85	10.53	3.23	14.52	61.31	36.56	5.88	1.06	0.67	0.40

Variety	Cut Date	Milk/ton (lbs)
Triticale	29-May	3064
KWS Daniello	23-May	3186
KWS Propower	23-May	2875
KWS Progas	23-May	3082
Triticale	22-Jun	2460
KWS Propower	22-Jun	2660
KWS Daniello	22-Jun	2515
KWS Progas	22-Jun	2699