

2012 Kewaunee County Scissors Cutting Project Sites

Lincoln Site

Farm: Pagel's Ponderosa
Year of Establishment: May 2011
Variety: Dairyland HybriForce-2420

Casco Site

Farm: Pagel's Ponderosa
Year of Establishment: May 2010
Variety: Dairyland HybriForce-2400

Western Site

Farm: Buresh Farms
Year of Establishment: May 2011
Variety: PIP 459

Northwest Site

Farm: Cornette Dairy
Year of Establishment: May 2010
Variety: WL343HQ

Lakeshore Site

Farm: Augustian Farms, LLC
Year of Establishment: May 2011
Variety: Magnum 5 Wet

Franklin Site

Farm: Gaedtke's Rolling Hills Dairy
Year of Establishment: May 2010
Variety: Dairyland HybriForce-2400

Support for the 2012 Scissors Cutting Project is provided by:

**Baylake Bank • Dairyland Veterinary Services
Dairyland Seed – Kevin Naze • GreenStone Farm Credit Service
Partners In Production • Rio Creek Feed Mill
Tisch Mills Farm Center**





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Date: May 7, 2012
To: Dairy Producers and Agri-Business Reps
From: Aerica Bjurstrom, Agriculture Agent
Kewaunee County UW-Extension
Re: 2012 Alfalfa Scissor Cutting Project

Alfalfa fields will be sampled every Monday and Thursday morning beginning May 7 and continuing through 1st crop harvest. Results will air every Tuesday and Friday on WTAQ Radio. Results are also sent to WCUB, WDOR, and WBDK, results are often read on air, but not always. Results can be faxed or emailed directly to you.

If you have questions or need more information contact the Kewaunee County UW-Extension Office at 920-388-7141.

Interpreting Scissors Cutting Results

- 1) Set harvesting goals.** Match forage quality to animal needs. We recommend that alfalfa forage quality be 150 RFV for milking dairy herds and 120 to 130 for heifers.
- 2) Make adjustments for field losses.** Under the best of conditions 15% (points) of the dry matter will be lost during harvesting. Therefore it is necessary to cut a field at 165 to 170 RFV to end up with harvested forage of 150 RFV.
- 3) Make adjustment for total harvesting time.** We have to begin even earlier to average 150 for all fields. For planning purposes we can use the average first cutting forage quality rate of change of 3 to 4 RFV per day. Thus, if it takes two weeks to harvest first cutting and we want to average 150 RFV, we must begin harvesting one week before RFV 170 (from #2). Seven days times 3 or 4 RFV change per day equals 21 to 28 points RFV. Harvesting for this farm should begin when the scissors clip results indicate standing forage quality is 191 to 198 (170 plus 21 or 28).
- 4) Make adjustments for local field conditions.** The scissors clip results are generally for alfalfa forage quality. This means that grassy fields will reach the stated forage quality earlier than pure alfalfa. Stands on lighter soils will tend to begin growing earlier and mature faster unless conditions are droughty. South slopes will also mature earlier than north slopes. Further, if you have planted some of the newer, high quality varieties, these should reach the desired forage quality two to three days later than standard varieties.

2012 Kewaunee County Scissor Cutting Project

Monday, May 14, 2012

**** The next sampling will occur on **Thursday, May 17**

Farm	Maturity	Height Inches	Crude Protein	ADF	NDF	Actual FRV	RFV with 15% Harvest Loss	PEAQ NDF	PEAQ FRV
Pagel's Ponderosa - Lincoln	Veg/Bud	27	23	24	29	220	187	36.1	175
Pagel's Ponderosa - Casco	Bud	23	25	26	32	199	169	34.6	185
Cornette Dairy	Bud	27	23	25	31	206	175	37.3	168
Augustian Farms	Veg	19	21	24	30	220	187	30.6	217
Buresh Farms	Bud	24	21	25	31	209	178	34	190
Gaedtke's Rolling Hills	Veg	18	22	20	25	278	236	29.9	224

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Partners In Production

Rio Creek Feed Mill

Tisch Mills Farm Center



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2012 Kewaunee County Scissor Cutting Project

Thursday, May 10, 2012

**** The next sampling will occur on **Monday, May 14**

Farm	Maturity	Height Inches	Crude Protein	ADF	NDF	Actual FRV	RFV with 15% Harvest Loss	PEAQ NDF	PEAQ FRV
Pagel's Ponderosa - Lincoln	Veg	24	24	27	33	195	166	34	190
Pagel's Ponderosa - Casco	Veg	21	24	23	28	234	199	32	205
Cornette Dairy	Veg/Bud	23	22	23	29	227	193	33.4	195
Augustian Farms	Veg	17	21	22	29	235	200	29.2	230
Buresh Farms	Veg/Bud	21	27	25	31	207	176	32	205
Gaedtke's Rolling Hills	Veg	14	24	21	26	263	224	**	**

*** Crop must be at least 16" tall to register a PEAQ reading*

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2012 Kewaunee County Scissor Cutting Project

Monday, May 7, 2012

**** The next sampling will occur on **Thursday, May 10**

Farm	Maturity	Height Inches	Crude Protein	ADF	NDF	RFV	RFV with 15% Harvest Loss	PEAQ NDF	PEAQ FRV
Pagel's Ponderosa - Lincoln	Veg	22	25	27	32	196	167	32.7	200
Pagel's Ponderosa - Casco	Veg	20	28	22	28	240	204	31.3	211
Cornette Dairy	Veg	21	23	24	30	220	187	32	205
Augustian Farms	Veg	14	25	22	29	234	190	**	**
Buresh Farms	Veg	20	27	25	32	203	173	31.3	211
Gaedtke's Rolling Hills	Veg	12	26	20	25	272	231	**	**

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