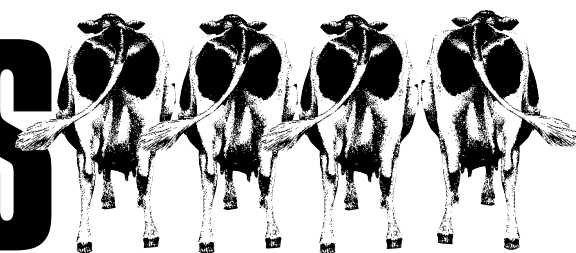


January 1998

Dairy Lines



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DAIRY RESEARCH & EXTENSION NEWS

http://www.oznet.ksu.edu/dp_ansi/dairylin.htm

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Upcoming Events Kansas

Area DHIA Meetings

January 26

Franklin County
K-State Research and Extension Office, Ottawa, Kansas

January 27

Valentino's, Seneca, Kansas

February 3

Holidome, Hays, Kansas

February 4

Amish Community Bldg.,
Whiteside, Kansas



The Nutrition Program

Planning the Feeding Program

by J. R. Dunham

Now is a good time to plan and set goals for 1998. The feeding program should receive special attention because it impacts productivity and profitability more than any other program.

The nutrition program should be built around quality forages, especially for early lactation cows. Therefore, make a goal to produce or procure high quality forages and allocate them to the high producing cows. If less than optimum alfalfa is available, find storage where it can be fed to late lactation cows and replacement heifers.

The next goal is to test the forages and balance the rations from the test results. Many dollars in protein and mineral supplement costs can be saved by balancing the grain mix according to the forage analysis.

Dry cow feeding and management should receive special attention. The next lactation will be affected by the body condition score, mastitis control and dry cow transition rations—don't overlook the dry cows. A comparison of the 1st and 2nd lactation Summit Milk Yield can tell a lot about the success of the dry cow program.

Another goal is to feed balanced rations for high production. Income over feed cost is higher in high producing herds even with high priced feeds.

Don't forget to feed the replacement heifers for adequate size and development to freshen at about 24 months of age. Heifers should gain about 1.75 pounds per day for large breeds, and 1.4 to 1.5 pounds per day for the smaller breeds. Don't guess about the heifers' rations, balance according to the forage program.

Another goal should be to shop around when selecting ration ingredients. Feed costs can be reduced without affecting the nutrition program by selecting some ingredients that have a price advantage.

The most important goal for 1998 is to feed and manage the herd for high milk production because there is a greater opportunity for profit.

The nutrition program has more impact on the success of a dairy than any other component. Now is a good time to plan and set goals for the nutrition program for 1998.

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Heart of America Dairy Herd Improvement Summary (December)

	Quartiles				Your Herd
	1	2	3	4	
Ayrshire					
Rolling Herd Average	16,796	14,676	13,773	11,432	
Peak Milk Yield 1st	60.0	52.0	51.0	47.0	
Peak Milk Yield 2nd	76.5	69.0	57.5	52.6	
Peak Milk Yield 3rd	81.5	73.5	64.5	59.6	
Peak Milk Yield Avg.	72.5	63.5	59.0	54.3	
Income/Feed Cost	944	792	1023.5	584	
SCC Average	284.5	350.5	138	369	
Days to 1st Service	77	66	63.5	120	
Days Open	139.5	130.5	129.5	186.3	
Projected Calving Interval	13.8	13.5	13.5	15.3	

Brown Swiss					
Rolling Herd Average	20,029	15,461	14,434	13,333	
Peak Milk Yield 1st	69.2	54.5	52.1	50.5	
Peak Milk Yield 2nd	84.8	71.1	64.4	63.1	
Peak Milk Yield 3rd	92.6	77.6	69.6	67.6	
Peak Milk Yield Avg.	85.0	69.3	62.1	61.6	
Income/Feed Cost	1,280	1,184	990	789	
SCC Average	316	295	354	272	
Days to 1st Service	81	94	82	69.5	
Days Open	140	147	174	168	
Projected Calving Interval	13.8	14.0	14.9	14.7	

Guernsey					
Rolling Herd Average	15,721	14,553	13,122	12,266	
Peak Milk Yield 1st	62.0	59.5	52.5	46.0	
Peak Milk Yield 2nd	72.0	64.5	54.0	61.0	
Peak Milk Yield 3rd	73.5	65.5	70.0	54.0	
Peak Milk Yield Avg.	69.5	63.5	60	52.0	
Income/Feed Cost	1,308	803	1,067	740	
SCC Average	225	130	375	319	
Days to 1st Service	79	96	71.5	48	
Days Open	146	160	180.5	259	
Projected Calving Interval	14.0	14.5	15.1	17.7	

Holstein					
Rolling Herd Average	22,294	19,430	17,269	13,904	
Peak Milk Yield 1st	76.9	68.5	63.4	53.6	
Peak Milk Yield 2nd	95.0	84.9	76.6	65.0	
Peak Milk Yield 3rd	100.9	90.7	83.0	69.8	
Peak Milk Yield Avg.	90.4	81.5	74.9	64.1	
Income/Feed Cost	1,612	1,349	1,147	874	
SCC Average	323	362	396	478	
Days to 1st Service	88	91	85	83	
Days Open	158	156	163	184	
Projected Calving Interval	14.4	14.3	14.5	15.2	

Jersey					
Rolling Herd Average	15,707	13,253	12,168	9,986	
Peak Milk Yield 1st	53.9	47.0	42.9	44.5	
Peak Milk Yield 2nd	65.7	57.5	54.8	50.4	
Peak Milk Yield 3rd	72.4	61.8	60.2	52.8	
Peak Milk Yield Avg.	63.9	56.3	53.1	49.4	
Income/Feed Cost	1,436	946	921	627	
SCC Average	329	284	247	358	
Days to 1st Service	96	83	86	88	
Days Open	134	124	147	139	
Projected Calving Interval	13.6	13.2	14.0	13.7	

Hay Prices*—Kansas

	Location	Quality	Price (\$/ton)
Alfalfa	Southwestern Kansas	Premium	105–130
Alfalfa	Southwestern Kansas	Good	100–105
Alfalfa	South Central Kansas	Premium	100–120
Alfalfa	South Central Kansas	Good	90–100
Alfalfa	Southeastern Kansas	Premium	100–110
Alfalfa	Southeastern Kansas	Good	90–100
Alfalfa	Northwestern Kansas	Premium	85–90
Alfalfa	Northwestern Kansas	Good	70–80
Alfalfa	North Central Kansas	Premium	80–100
Alfalfa	North Central Kansas	Good	60–65

Source: USDA Weekly Hay Report, *Week ending January 6, 1998*

*Premium Hay RFV = 170–200

Good Hay RFV = 150–170

Hay Prices—Oklahoma

	Location	Quality	Price (\$/ton)
Alfalfa	Central/Western, OK	Premium	100–120
Alfalfa	Central/Western, OK	Good	75–100
Alfalfa	Panhandle, OK	Premium	100–120
Alfalfa	Panhandle, OK	Good	75–100

Source: Oklahoma Department of Agriculture, *December 18, 1997*

Feed Stuffs Prices

	Location	Price (\$/ton)
SBM 48%	Kansas City	215–218
Cotton Seed Meal	Kansas City	204
Whole Cottonseed	Memphis	155
Blood Meal	Central United States	460
Corn Hominy	Kansas City	100–110
Corn Gluten Feed	Kansas City	87–95
Corn Gluten Meal 60%	Kansas City	355–360
Distillers Dried Grain	Central Illinois	115–120
Brewers Dried Grain	St. Louis	108
Wheat Middlings	Kansas City	85–87

Source: USDA Weekly Feed Stuffs Report, *Week ending January 6, 1998*

Area DHIA Meetings (continued)

February 5
Sedgwick County
K-State Research and Extension Office, Wichita, Kansas

February 6
United Methodist Church,
Hillsboro, Kansas

OSU Dairy Days
April 22, Pryor, Oklahoma
April 23, Chickasha, Oklahoma

You are encouraged to attend one of the Kansas Area DHIA Meetings at one of the locations listed.

At these meetings, time will be allowed for your association to conduct its annual business. Heart of America DHIA is sponsoring the meeting and noon meal.

January 26
K-State Research & Extension Office
OTTAWA

January 27
Valentino's
SENECA

February 3
Holidome
HAYS

February 4
Amish Community Building
WHITESIDE

February 5
K-State Research & Extension Office
WICHITA

February 6
Methodist Church
HILLSBORO

A G E N D A

10:30 a.m.	Refreshments
11:00 a.m.	Local Association Business Meetings
Noon	Lunch sponsored by Heart of America DHIA
1:00 p.m.	DHIA and Dairy update
	Report from Heart of America DHIA
	Report from Kansas Dairy Association (KDA)
2:30 p.m.	Ajourn

In order to plan for food, we need your reservation by January 23. Please clip and return the reservation slip or call one of the following K-State Research and Extension Offices:

Joe Wary
Ellis County Agent
601 Main, Suite A
Hays, KS 67601
785-628-9430

Greg McCormack
Reno County Agent
2 W. 10th
South Hutchinson,
KS 67505
316-662-2371

Steve Westfahl
Sedgwick County
Agent
7001 W. 21st St. N.
Wichita, KS 67205
316-722-7721

David Key
Nemaha County Agent
604 Nemaha, Ste. 201
Seneca, KS 66538
785-336-2184

Steve Tonn
Marion County Agent
Box 178
Marion, KS 66861
785-382-2325

Darren Hibdon
Franklin County Agent
1418 S. Main, Suite 2
Ottawa, KS 66067
785-229-3520

Clip and send to one of the addresses to the left.

Please reserve (No.) ____ meals for the Area DHIA Meeting.

Name: _____



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KANSAS STATE UNIVERSITY
MANHATTAN, KANSAS 66506-3403

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For more information or questions, please contact 913.532.5654 (K-State) or 405.744.6058 (OSU).

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