

Report Card Time

Dairy Project Skill: Using records to make management decisions
Life Skill: Making decisions and analyzing alternatives
Success Indicator: Identifies parts of the DHIA Herd Summary Sheet.
Educational Standard: NM-NUM.3-5.1 Understand numbers, ways of representing numbers, relationships among numbers, and number systems.

Taking On the Challenge

DHIA Records are valuable management tools for dairy producers. By belonging to a Dairy Herd Improvement Association, progressive dairy farmers have access to detailed information on individual cows and the whole herd. There are a variety of options for producers who want DHIA information. The most common process is

for a DHIA Supervisor to visit the dairy monthly, collect milk samples, record animal information and then send samples to a lab for evaluation. Updated electronic information is available almost immediately. Some dairy farmers still get a computer printout of information in the mail a few days after testing.

HERD SUMMARY DHI-202									
FARM DATA				DATE TESTED			P A G E		
ST.	CD.	IND. NO.	MO.	DAY	YEAR				
14	12	0347	9	7	05				1
DHIR									

REPRODUCTIVE SUMMARY OF CURRENT BREEDING HERD									
TOTAL COWS IN BREEDING HERD		COWS WITH NO SERVICE DATA OR DIAG. OPEN		COWS BRED BUT NOT DIAG. PREG.		DAYS OPEN AT LAST SERVICE		DAYS TO 1ST SERVICE	
BR UP HERD	H	OPEN VWR TO 100 DAYS	OPEN UVR TO 100 DAYS	NUMBER DIAG. OPEN	NUMBER PREG.	NEW TO 100 DAYS	OPEN 100-150 DAYS	OPEN 150-180 DAYS	TO 1ST SERVICE
	36	9	3		5	4	11	15	92
VOLUNTARY WAITING PERIOD (VWP)		NUMBER COWS % OF BREEDING HERD							
60		25		8					

REPRODUCTIVE SUMMARY OF TOTAL HERD									
DAYS OPEN AT 1ST SERVICE				SERVICES PER PREGNANCY				PROJECTED MINIMUM	
NUMBER WITH VWP	NUMBER FROM VWR TO 100 DAYS	NUMBER FROM 100 TO 150 DAYS	AVG. DAYS	1ST COWS	ALL COWS	CALVING INTERVAL	DAYS OPEN	SERVICE OR HEAT INTERVALS	SERVICES FOR PAST 12 MONTHS
1	9	7	101	2.0	2.2	13.5	129	INDIVIDUAL	NUMBER
2	15	3	85	2.1	2.6	13.4	176	INTERVALS	NUMBER
3	19	10	92	2.1	2.8	14.0	146	1ST	90
4	43	20	92	2.0	2.6	13.7	135	2ND	46
5	64	30	92	CURRENT ACTUAL CALVING INTERVAL		14.1		3RD	47
								TOTAL	183
								% SUC. CROSSFUL	49
								SERVICE SIRE MERIT \$	+259
								ABORTIONS THIS MONTH	
								ABORTIONS PAST YEAR	12
								APPARENT	2

BIRTH SUMMARY									
OFFSPRING BORN									
LACT. FACT	MILLS		FEMALES		CALVING DIFFICULTY SCORE				
	ALIVE	DEAD	ALIVE	DEAD	1	2	3	4	5
1	17	12	23						
2	48	26	55						
TOTAL	65	38	78						

COWS TO BE MILKING, DRY, CALVING, BY MONTH									
MONTH	OCT	NOV	DEC	JAN	FEB	MAR			
* MILKING	83	87	88	87	86	82			
DRY COWS TO CALVE	13	11	7	10	13	16			
HEIFERS TO CALVE	8	8	6	4	3	9			
HEIFERS TO CALVE	3	4	1	4	4	1			

YEARLY REPRODUCTIVE SUMMARY									
DATE OF TEST	% REAL DRS.	% SUCC. LBS. FULL	PRG. RATE	NUMBER SERVICES	NUMBER COWS IMM. PREG.	NUMBER CALVING	TOTAL PREGNANT COWS		
MONTH DROPPED	25	70	17	10	11	6	45		
9-30-04	47	50	20	18	10	13	48		
10-27-04	52	50	22	12	12	11	51		
11-30-04	55	56	22	18	7	8	49		
12-31-04	55	53	26	19	3	7	46		
1-31-05	70	41	24	22	2	11	38		
2-23-05	73	42	22	12		5	32		
3-31-05	58	33	14	18	19	10	42		
5-05-05	44	33	11	12	13	7	44		
6-03-05	52	42	3	12	10	3	49		
7-07-05	59	59	20	17	4	13	43		
8-04-05	63			15	1	4	39		
9-07-05	32			10	11	9	43		
AVERAGES	55	48	19	15	8	8	44		
TOTALS				185		101			

MISCELLANEOUS HERD INFORMATION									
SHEPHERD TEST DAY COMPARISON		ASSOC.		SAMPING		DRP.			
TEST DAY	YEARLY AVERAGE	SURV.	MIN.	MAX.	DAY	MIN.	MAX.	DAY	
SUM OF TEST DAY WTS. IN RSH	5377	131						9	10
BY PORT IS AV. DAILY MILK TANK WTS. (LBS)	4953								
% DEVIATION	+8.6								

BULK TANK FAT = 3.6% PROT. = 3.1%									
MILKING TIMES		MILKING TIMES		MILKING TIMES		MILKING TIMES			
1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH
4:45	PM	Y	Y						
6:05	AM	Y	Y						

Answer the following questions by studying the herd summary sheet on pages eight and nine. You may also want to obtain a copy of an individual cow record and see how much information is available on that record sheet.

What is the...	
Average daily milk production for milking cows	
Average days in milk for entire milking herd	
Average days dry from previous lactation	
Cows expected to calve next February	
Annual percent days in milk (whole herd)	
Average days in milk for peak milk production	
Average days in milk at first breeding	
Average days open for whole herd	
Average number of services per conception	
Monthly calving interval next month	
Number of cows leaving the herd	
Age of heifers at first calving	
Service sire Merit \$	

