

TYPE OF RECORD AND HERD CODE			SCHED ULING DAY	DATE TESTED	
ST.	CO.	HERD NO.	MO.	DAY	
52					

PAGE

8-2020 SUMMARY (MSC0991) STATE AVERAGE

NO. HERDS= 128

PRODUCTION, INCOME, AND FEED COST SUMMARY

DESCRIPTION	DAILY AVERAGE PER COW ON TEST DAY		ROLLING YEARLY HERD AVERAGES			
	NUMBER	%	NUMBER	%		
TOTAL COWS	251		252.1			
COWS IN MILK	215	86	221.8	88		
MILK LBS. (ALL COWS)	63.1		24,825			
B'FAT LBS. (ALL COWS)	2.39		916			
B'FAT PERCENT	3.8		3.7			
PROTEIN LBS.(ALL COWS)	1.89		736			
PROTEIN PERCENT	3.0		3.0			
MILK LBS.(MILKING COWS)	73.7					
SILAGE	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	68	63	22,856			
OTHER SUCCULENTS OR BLENDED RATIONS	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	15	14	5,658			
DRY FORAGE	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	3	4	1,603			
OTHER FEEDS	LBS. CONSUMED		LBS. CONSUMED	%ENE		
PASTURE	PASTURE (YRS OR NO)		DAYS	%ENE		
	N	N				
CONCENTRATES	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	19	18	6,290			
VALUE OF PRODUCT \$	13.12	10.96	4,340			
COST OF CONCENTRATES \$	2.92	2.76	582			
TOTAL FEED COST \$	5.61	5.31	1,154			
INCOME OVER FEED COST \$	7.51	5.65	3,186			
FEED COST PER CWT. MILK \$	7.61	8.40	4.66			
MILK BLEND PRICE	PER CWT	%FAT	%PROT	PER CWT	%FAT	%PROT
	17.10	3.6	3.0	17.48	3.6	3.0

SUMMARY OF CURRENT BREEDING HERD

TOTAL COWS IN BREEDING HERD	75
COWS WITH NO SERVICE DATES OR DIAG. OPEN	
OPEN VWP TO 100 DAYS	14
OPEN OVER 100 DAYS	15
NUMBER DIAG. OPEN	5
DAYS OPEN AT LAST SERVICE	
FEWER THAN VWP	2
VWP TO 100 DAYS	15
OPEN 100 TO 130 DAYS	9
OPEN OVER 130 DAYS	20
DAYS TO 1ST SERVICE	91
VOLUNTARY WAITING PERIOD (VWP)	62
NUMBER COWS % OF BREEDING HERD	

YEARLY REPRODUCTIVE SUMMARY

DATE OF TEST	% HEATS OBS.	NUMBER SERVICES	% SUCCESSFUL	NUMBER CONFIRM. PREG.	NUMBER CALVING	TOTAL PREGNANT COWS
9-1-19	49	46	31	12	31	100
10-1-19	46	65	33	18	38	106
11-1-19	48	46	40	15	24	84
12-1-19	52	72	41	26	36	103
1-20	48	55	43	26	28	95
2-20	47	54	42	26	25	107
3-20	48	46	42	22	22	108
4-20	47	55	40	27	26	117
5-20	48	40	40	19	16	112
6-20	46	45	34	22	27	127
7-20	42	47		22	28	118
8-20	42	44		17	34	119
AVERAGES	47	51	38	21	28	108
TOTALS		615		252	335	

REPRODUCTIVE SUMMARY OF TOTAL HERD

STAGE OF LACTATION PROFILE	STAGE OF LACTATION (DAYS)					AVG. DAYS TO 1ST SERVICE	SERVICES PER PREGNANCY				PROJECTED MINIMUM	SERVICE OR HEAT INTERVALS		SERVICES FOR PAST 12 MONTHS			
	1-40	41-100	101-199	200-305	306 +		PREG. COWS	ALL COWS	CALVING INTERVAL	DAYS OPEN		INTERVAL LENGTH	NUMBER INTERVALS	SERVICE NUMBER	NUMBER SERVICE	% SUC-CESSFUL	SERVICE SIRE PTA \$
1ST LACT	7	50	12	93	2.0	2.5	13.8	141	18-24	70	1ST	223	40	694			
2ND LACT	7	36	9	92	2.0	2.6	13.9	144	36-48	64	2ND	127	38	694			
3 + LACTS	7	40	10	92	2.1	2.8	14.1	150	OTHER	96	3RD +	164	35	685			
ALL LACTS	21	126	30	92	2.0	2.6	13.9	144	TOTAL			514	38	690			
% OF ALL 1ST SERVICES	12	71	17						ABORTIONS					2			

GENERAL MANAGEMENT INFORMATION

COWS TO BE MILKING, DRY, CALVING, BY MONTH						
SEPT	OCT	NOV	DEC	JAN	FEB	
225	235	244	257	264	265	
37	36	34	33	32	36	
19	19	18	18	16	16	
8	8	8	9	7	6	
* ASSUMES 3.1 % PER MONTH CULLING RATE						
HERD PTA \$ OPTION						
GENETIC PROFILE OF SERVICE SIRE						
PROVEN A.I. SIRE		A.I. YOUNG SIRE		ALL OTHER SIRE		
22		78				
% OF HERD BRED TO:						
7		1		5		
NUMBER OF BULLS USED						
+478		+546		+523		
AVERAGE PTA \$ OR PA\$						
AV. PERCENTILE RANK (NET MERIT)						

STAGE OF LACTATION PROFILE	STAGE OF LACTATION (DAYS)					AV. DAILY MILK PRODUCTION	DRY COW PROFILE				BODY WEIGHT	AIPL PTA \$		IDENTIFICATION SUMMARY			
	1-40	41-100	101-199	200-305	306 +		NUMBER DRY PERIODS	DAYS DRY	NUMBER DRY FEWER THAN 40 DAYS	NUMBER DRY 40-70 DAYS		NUMBER DRY OVER 70 DAYS	COWS	SIRE	% SIRE ID	% DAM ID	% USABLE BY AIPL
1ST LACT.	11	15	23	24	13	65	78	74	68	60	1190	+82	284	91	96	88	1
2ND LACT.	18	21	30	40	22	85	97	88	73	58	1330	+50	209	91	95	88	4
3 + LACTS.	1	1	1	1	1	8	8	8	8	8	1430	-80	92	90	95	88	4
ALL LACTATIONS	2.8	2.3	2.3	2.2	2.5	151	62	11	113	26	1310	+18	194	91	96	88	3

STAGE OF LACTATION PROFILE	NUMBER OF COWS	AGE	PEAK TEST DAY PROD.	PROJECTED ME 305 DAY			SOMATIC CELL COUNT FOR CURRENT MONTH					YEARLY SUMMARY OF COWS ENTERING AND LEAVING THE HERD										
				MILK	FAT	PROTEIN	% COWS SCC SCORE					COWS ENTERING HERD		COWS LEFT HERD		NUMBER OF COWS LEAVING THE HERD						
				142,000	142,000	285,000	284,000	566,000	565,000	1,130,000	1,130,000	NUMBER	%	NUMBER	%	DAIRY	LOW PROD.	REPO.	DISEASE INJURY	DIED	MAST. OR UDDER	FEET & LEGS
1ST LACT.	99	25	78	24060	920	727	73	12	6	4	5	104	41	28	11	5	6	5	5	3	3	1
2ND LACT.	69	39	97	25165	954	753	73	11	7	4	5	3	1	23	9	2	4	5	4	3	4	1
3 + LACTS.	83	62	107	24467	921	733	61	12	11	8	8	2	1	44	17	1	6	6	7	9	10	5
ALL LACTATIONS	251	41	93	24509	930	736	70	11	8	5	6	109	43	95	38	8	16	16	16	15	17	7

YEARLY PRODUCTION AND MASTITIS SUMMARY

DATE OF TEST	DAYS IN TEST PERIOD	NUMBER COWS IN HERD ON TEST DAY	TEST DAY AVERAGES (MILKING COWS)		STANDARD-IZED 150 DAY MILK	TEST PERIOD PERSIST. INDEX	TEST DAY AVERAGES (ALL COWS)				ROLLING YEAR HERD AVERAGE			SOMATIC CELL COUNT SUMMARY					SCC	NUMBER LEFT HERD	
			DAYS IN MILK	MILK			% IN MILK	MILK	% FAT	% PROT.	MILK	FAT	PROT.	% COWS SCC SCORE						DIED	SOLD
			0,1,2,3	4			5	6	7,8,9	BELOW 142,000	142,000-285,000	284,000-566,000	565,000-1,130,000	1,130,000	1.13 M	1.13 M	1.13 M				
9-1-19	32	222	177	72.9	80.1	102	85	62.0	3.8	3.1	2389	2	722	71	12	8	5	5	2.5	2	9
10-1-19	38	253	171	75.4	81.6	103	87	65.0	3.9	3.1	2449	8	724	70	12	8	5	5	2.6	2	12
11-1-19	34	206	169	72.3	77.3	103	86	62.4	4.0	3.2	2318	8	708	71	12	8	5	4	2.6	1	7
12-1-19	37	251	164	79.0	83.2	104	88	69.0	4.0	3.1	2483	3	733	75	11	7	4	3	2.4	1	9
1-20	37	223	167	77.4	81.0	105	89	69.0	4.0	3.0	2370	6	719	73	12	7	4	4	2.5	2	9
2-20	34	233	172	81.2	84.4	104	90	72.0	4.0	3.1	2463	9	726	76	10	4	3	2.3	1	11	
3-20	36	226	177	79.1	82.8	103	91	72.0	4.0	3.1	2410	11	728	74	11	6	4	4	2.4	1	11
4-20	38	233	184	82.1	86.6	106	90	73.8	3.9	3.1	2475	5	731	76	11	6	4	4	2.3	1	10
5-20	35	211	191	78.8	84.2	102	89	70.0	4.0	3.0	2419	3	727	75	11	7	4	4	2.3	1	6
6-20	37	238	191	79.1	85.5	103	87	69.0	4.0	3.0	2477	9	733	73	11	7	4	4	2.4	2	9
7-20	40	223	191	74.0	81.7	102	86	63.5	4.0	3.0	2364	7	716	72	11	8	5	5	2.5	2	8
8-20	39	240	182	76.1	83.5	102	85	64.8	4.0	3.0	2482	5	738	70	11	8	5	6	2.6	2	9
AVERAGES	36	230	178	77.3	82.7	103	88	67.7	3.9	3.1	2482	9	736	74	11	7	4	4	2.5	18	109

REMARKS:

ASSOC.	MILK LAB		PROCESSING CENTER					
	RECEIVED	MAILED	BARN SHEETS RECEIVED	LAB RESULTS RECEIVED	MAILED			
SUPV.	MO.	DAY	MO.	DAY	MO.	DAY	MO.	DAY

TEST PERIOD AV. MILK LBS. ADDED 60.5 TEST PERIOD AV. MILK LBS. DROPPED 58.9
 SCC HERDS= 122 COWS= 24353
 RAW SCC THIS MONTH= 274000
 RAW SCC THIS YEAR= 210000

TYPE OF RECORD AND HERD CODE			SCHED ULING DAY	DATE TESTED	
ST.	CO.	HERD NO.	MO.	DAY	
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8-2020 SUMMARY (MSC0991)
STATE AVERAGE (PRIVATE HERDS)

NO. HERDS= 48

PRODUCTION, INCOME, AND FEED COST SUMMARY

DESCRIPTION	DAILY AVERAGE PER COW ON TEST DAY		ROLLING YEARLY HERD AVERAGES			
	NUMBER	%	NUMBER	%		
TOTAL COWS	148		146.1			
COWS IN MILK	127	86	127.1	87		
MILK LBS. (ALL COWS)	59.9		22,719			
B'FAT LBS. (ALL COWS)	2.11		855			
B'FAT PERCENT	3.5		3.8			
PROTEIN LBS.(ALL COWS)	1.73		695			
PROTEIN PERCENT	2.9		3.1			
MILK LBS.(MILKING COWS)	69.8					
SILAGE	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	77	76	23,295			
OTHER SUCCULENTS OR BLENDED RATIONS	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	6	6	3,959			
DRY FORAGE	LBS. CONSUMED		LBS. CONSUMED	%ENE		
			1,545			
OTHER FEEDS	LBS. CONSUMED		LBS. CONSUMED	%ENE		
PASTURE	PASTURE (YES OR NO)	DAYS	%ENE			
	N	N				
CONCENTRATES	LBS. CONSUMED		LBS. CONSUMED	%ENE		
	22	20	10,783			
VALUE OF PRODUCT \$	11.90	10.04	3,991			
COST OF CONCENTRATES \$	2.35	2.24	829			
TOTAL FEED COST \$	5.42	5.40	1,665			
INCOME OVER FEED COST \$	6.48	4.64	2,326			
FEED COST PER CWT. MILK \$	7.75	9.00	7.35			
MILK BLEND PRICE	PER CWT	%FAT	%PROT	PER CWT	%FAT	%PROT
	16.83	3.6	3.1	17.56	3.7	3.1

REMARKS:

ASSOC.	MILK LAB		PROCESSING CENTER			
	RECEIVED	MAILED	BARN SHEETS RECEIVED	LAB RESULTS RECEIVED	MAILED	
SUPV.	MO.	DAY	MO.	DAY	MO.	DAY

SUMMARY OF CURRENT BREEDING HERD

TOTAL COWS IN BREEDING HERD	COWS WITH NO SERVICE DATES OR DIAG. OPEN			DAYS OPEN AT LAST SERVICE				DAYS TO 1ST SERVICE
51	OPEN VWP TO 100 DAYS	OPEN OVER 100 DAYS	NUMBER DIAG. OPEN	FEWER THAN VWP	VWP TO 100 DAYS	OPEN 100 TO 130 DAYS	OPEN OVER 130 DAYS	
	11	15	6	1	8	5	11	91
VOLUNTARY WAITING PERIOD (VWP)	NUMBER COWS % OF BREEDING HERD			ABORTIONS				
63				THIS MONTH				PAST YEAR
				2				10
				2				16
				10				9

YEARLY REPRODUCTIVE SUMMARY

DATE OF TEST	% HEATS OBS.	NUMBER SERVICES	% SUCCESSFUL	NUMBER CONFIRM. PREG.	NUMBER CALVING	TOTAL PREGNANT COWS
9-1-19	37	24	35	8	18	57
10-1-19	29	21	47	11	17	51
11-1-19	38	29	45	10	18	56
12-1-19	41	39	33	14	21	55
1-20	40	28	50	11	17	53
2-20	36	22	50	11	15	56
3-20	40	22	50	11	14	56
4-20	36	33	39	17	21	67
5-20	35	25	45	14	14	64
6-20	34	15	35	9	11	55
7-20	28	18		10	17	67
8-20	35	31		17	28	64
AVERAGES	36	26	41	12	18	59
TOTALS		307		143	211	

REPRODUCTIVE SUMMARY OF TOTAL HERD

STAGE OF LACTATION PROFILE	STAGE OF LACTATION (DAYS)					AVG. DAYS TO 1ST SERVICE	SERVICES PER PREGNANCY		PROJECTED MINIMUM	SERVICE OR HEAT INTERVALS		SERVICES FOR PAST 12 MONTHS			
	1-40	41-100	101-199	200-305	306 +		PREG. COWS	ALL COWS		CALVING INTERVAL	DAYS OPEN	INTERVAL LENGTH	NUMBER INTERVALS	SERVICE NUMBER	NUMBER SERVICE
1ST LACT	5	21	11	94	1.9	2.3	13.8	139	18-24	28		123	45	683	
2ND LACT	4	15	9	96	1.8	2.4	13.8	140	36-48	19		58	37	688	
3 + LACTS	4	17	12	99	1.9	2.5	14.1	150	OTHER	41		65	35	670	
ALL LACTS	12	53	32	96	1.9	2.3	13.9	142	TOTAL			246	41	684	
% OF ALL 1ST SERVICES	12	55	33						ABORTIONS						

GENERAL MANAGEMENT INFORMATION

COWS TO BE MILKING, DRY, CALVING, BY MONTH							BR OF HERD
SEPT	OCT	NOV	DEC	JAN	FEB		
MILKING	122	122	123	124	124	122	
DRY	22	21	19	18	18	20	
COWS TO CALVE	10	11	10	11	9	8	
TO CALVE	1	2	2	2	2	2	
* ASSUMES 3.2 % PER MONTH CULLING RATE							

STAGE OF LACTATION PROFILE	DRY COW PROFILE				BODY WEIGHT	AIPL PTA \$		IDENTIFICATION SUMMARY			
	NUMBER DRY PERIODS	DAYS DRY	NUMBER DRY FEWER THAN 40 DAYS	NUMBER DRY 40-70 DAYS		NUMBER DRY OVER 70 DAYS	COWS	SIRE	% SIRE ID	% DAM ID	% USABLE BY AIPL
1ST LACT.					1190	+85	270	69	80	40	
2ND LACT.	39	58	5	27	7	1320	+7	171	68	79	39
3 + LACTS.	49	65	5	30	14	1430	-205	84	63	79	42
ALL LACTATIONS	88	62	10	57	21	1310	-67	174	67	80	41

STAGE OF LACTATION PROFILE	NUMBER OF COWS	AGE	PEAK TEST DAY PROD.	PROJECTED ME 305 DAY	MILK	FAT	PROTEIN	SOMATIC CELL COUNT FOR CURRENT MONTH					YEARLY SUMMARY OF COWS ENTERING AND LEAVING THE HERD									
								% COWS SCC SCORE					COWS ENTERING HERD		COWS LEFT HERD		NUMBER OF COWS LEAVING THE HERD					
								0,1,2,3	4	5	6	7,8,9	NUMBER	%	NUMBER	%	DAIRY	LOW PROD.	REPO.	DISEASE INJURY	DIED	MAST. OR UDDER
1ST LACT.	56	27	77	24090	882	712	74	11	7	4	4	58	40	15	10	1	2	4	3	2	2	1
2ND LACT.	42	40	95	24837	914	732	78	10	6	3	3	2	1	12	8	1	1	3	2	2	2	1
3 + LACTS.	50	64	104	24475	888	717	68	11	8	5	8	1	1	23	16	1	4	4	5	3	4	2
ALL LACTATIONS	148	43	91	24432	893	719	73	11	7	4	5	61	42	50	34	3	7	11	10	7	8	4

YEARLY PRODUCTION AND MASTITIS SUMMARY

DATE OF TEST	DAYS IN TEST PERIOD	NUMBER COWS IN HERD ON TEST DAY	TEST DAY AVERAGES (MILKING COWS)		STANDARD-IZED 150 DAY MILK	TEST PERIOD PERSIST. INDEX	TEST DAY AVERAGES (ALL COWS)				ROLLING YEAR HERD AVERAGE			SOMATIC CELL COUNT SUMMARY					NUMBER LEFT HERD			
			DAYS IN MILK	MILK			% IN MILK	MILK	% FAT	% PROT.	MILK	FAT	PROT.	% COWS SCC SCORE					SCC	DIED	SOLD	
														0,1,2,3	4	5	6	7,8,9	BELOW 142,000	142,000-283,000	284,000-565,000	566,000-1,130,000
9-1-19	34	127	177	66.0	72.7	104	84	55	3	3	6	21056	806	665	72	12	7	5	4	2.4	1	4
10-1-19	40	116	181	66.2	72.9	104	86	55	3	3	7	21157	802	664	71	12	7	5	5	2.5	1	4
11-1-19	38	140	172	67.0	73.5	103	85	57	3	3	2	21460	811	676	74	11	7	5	4	2.4	1	4
12-1-19	43	133	165	73.0	78.0	105	89	60	3	3	1	22516	855	699	76	11	6	3	3	2.4	1	4
1-20	39	130	171	71.2	74.9	105	87	60	3	3	1	21540	822	679	73	11	7	4	4	2.4	1	4
2-20	35	130	174	71.7	74.7	101	89	60	3	3	1	21732	813	675	77	10	7	3	3	2.2	1	4
3-20	34	130	176	70.0	74.1	103	90	63	3	3	1	21356	824	673	75	10	6	4	4	2.3	1	4
4-20	44	146	180	74.0	78.1	102	88	65	2	3	7	22217	815	679	76	10	6	4	4	2.3	1	4
5-20	39	138	183	72.2	76.8	104	88	63	2	3	0	21775	837	681	77	10	6	3	4	2.2	1	4
6-20	35	118	180	70.0	76.3	103	86	61	2	3	0	21610	825	679	76	10	6	4	4	2.2	1	4
7-20	40	142	186	65.3	71.8	100	86	65	2	3	0	21413	803	677	74	9	7	4	5	2.3	1	4
8-20	54	139	179	74.3	81.4	103	86	65	2	3	0	22719	855	695	73	11	7	4	5	2.4	1	4
AVERAGES	40	132	178	70.3	75.4	103	87	60.9	3.7	3.0		22719	855	695	74	11	7	4	4	2.3	11	67

TEST PERIOD AV. MILK LBS. ADDED 60.4 TEST PERIOD AV. MILK LBS. DROPPED 59.6 SCC HERDS= 43 COWS= 4512 RAW SCC THIS MONTH= 206000 RAW SCC THIS YEAR= 204000

TYPE OF RECORD AND HERD CODE			SCHED ULING DAY	DATE TESTED	
ST.	CO.	HERD NO.	MO.	DAY	
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8-2020 SUMMARY (MSC0991)
STATE AVERAGE (PRIVATE HERDS)

NO. HERDS= 2

PRODUCTION, INCOME, AND FEED COST SUMMARY

DESCRIPTION	DAILY AVERAGE PER COW ON TEST DAY		ROLLING YEARLY HERD AVERAGES	
	NUMBER	%	NUMBER	%
TOTAL COWS	608		621.5	
COWS IN MILK	529	87	546.9	88
MILK LBS. (ALL COWS)	41.6		16,974	
B'FAT LBS. (ALL COWS)	1.67		773	
B'FAT PERCENT	4.0		4.6	
PROTEIN LBS.(ALL COWS)	1.36		573	
PROTEIN PERCENT	3.3		3.4	
MILK LBS.(MILKING COWS)	47.8			
	MILKING COWS	ALL COWS		
SILAGE	LBS. CONSUMED	LBS. CONSUMED	%ENE	
OTHER SUCCULENTS OR BLENDED RATIONS	LBS. CONSUMED	LBS. CONSUMED	%ENE	
DRY FORAGE	LBS. CONSUMED	LBS. CONSUMED	%ENE	
OTHER FEEDS	LBS. CONSUMED	LBS. CONSUMED	%ENE	
PASTURE	PASTURE (YES OR NO)	DAYS	%ENE	
CONCENTRATES	LBS. CONSUMED	LBS. CONSUMED	%ENE	
VALUE OF PRODUCT \$	9.53	8.24	3,441	
COST OF CONCENTRATES \$				
TOTAL FEED COST \$				
INCOME OVER FEED COST \$				
FEED COST PER CWT. MILK \$				
MILK BLEND PRICE	PER CWT	%FAT	%PROT	
	19.56	3.93	3.6	20.27 3.93 3.6

REPRODUCTIVE SUMMARY

SUMMARY OF CURRENT BREEDING HERD

TOTAL COWS IN BREEDING HERD	COWS WITH NO SERVICE DATES OR DIAG. OPEN			DAYS OPEN AT LAST SERVICE			DAYS TO 1ST SERVICE
264	OPEN VWP TO 100 DAYS	OPEN OVER 100 DAYS	NUMBER DIAG. OPEN	FEWER THAN VWP	VWP TO 100 DAYS	OPEN 100 TO 130 DAYS	
	55	208	25				2
VOLUNTARY WAITING PERIOD (VWP)	NUMBER COWS		% OF BREEDING HERD	ABORTIONS			
57	21		79	THIS MONTH PAST YEAR			
	9			1			

YEARLY REPRODUCTIVE SUMMARY

DATE OF TEST	% HEATS OBS.	NUMBER SERVICES	% SUCCESSFUL	NUMBER CONFIRM. PREG.	NUMBER CALVING	TOTAL PREGNANT COWS
MONTH DROPPED						
9-19	5	17	71	15	120	266
10-19	37	34	49	2	98	211
11-19	17	46	71	23	88	157
12-19	23	41	78	11	55	119
1-20	16	63	85	34	63	120
2-20	11	65	84	44	41	143
3-20		74	99	61	93	263
4-20		85	99	103	114	330
5-20	24	58	63	83	34	258
6-20	27	16	88	29	39	206
7-20				58	123	465
8-20	4	2		16	65	257
AVERAGES	18	42	80	40	78	238
TOTALS		501		479	933	

REPRODUCTIVE SUMMARY OF TOTAL HERD

	DAYS OPEN AT 1ST SERVICE			AVG. DAYS TO 1ST SERVICE	SERVICES PER PREGNANCY		PROJECTED MINIMUM CALVING INTERVAL	DAYS OPEN	SERVICE OR HEAT INTERVALS		SERVICES FOR PAST 12 MONTHS					
	NUMBER FEWER THAN VWP	NUMBER FROM VWP TO 100 DAYS	NUMBER OVER 100 DAYS		PREG. COWS	ALL COWS			INTERVAL LENGTH	NUMBER INTERVALS	SERVICE NUMBER	NUMBER SERVICE	% SUC-CESSFUL	SERVICE SIRE PTA \$	1ST	2ND
1ST LACT	18	31	75	11.3	1.7	1.8	14.8	169	18-24	14			342	86	482	
2ND LACT	12	18	49	12.0	1.6	1.9	15.2	183	36-48	15			66	59	437	
3 + LACTS	13	22	45	12.4	1.7	1.9	15.7	198	OTHER	60			44	56	407	
ALL LACTS	43	71	169	11.7	1.7	1.9	15.2	183					451	80	456	
% OF ALL 1ST SERVICES	15	25	60													

GENERAL MANAGEMENT INFORMATION

COWS TO BE MILKING, DRY, CALVING, BY MONTH							BR OF HERD
SEPT	OCT	NOV	DEC	JAN	FEB		
491	480	484	479	486	497		
102	96	80	73	50	17		
36	44	49	40	31	34		
7	5	7	6	4			

* ASSUMES 3.6 % PER MONTH CULLING RATE

STAGE OF LACTATION PROFILE	STAGE OF LACTATION (DAYS)				
	1-40	41-100	101-199	200-305	306 +
NUMBER	1ST LACT. 34	61	34	86	84
	2ND & LATER 21	20	26	68	93
% OF MILKING HERD	1ST LACT. 6	12	6	16	16
	2ND & LATER 4	4	5	13	18
AV.DAILY MILK PRODUCTION	1ST LACT. 47	53	52	49	43
	2ND & LATER 54	61	61	48	40
SCC	1ST LACT. 4.4	2.9	2.1	3.5	3.2
	2ND & LATER 3.7	3.9	2.9	3.2	4.2

	DRY COW PROFILE					BODY WEIGHT	IDENTIFICATION SUMMARY				
	NUMBER DRY PERIODS	DAYS DRY	NUMBER DRY FEWER THAN 40 DAYS	NUMBER DRY 40-70 DAYS	NUMBER DRY OVER 70 DAYS		AIRL PTA \$	% SIRE ID	% DAM ID	% USABLE BY AIRL.	% ID CHG
1ST LACT.						1010	+61	7	24	7	
2ND LACT.	117	63	14	83	20	1060	+20	13	33	12	2
3 + LACTS.	133	64	10	93	31	1060		25	44	21	5
ALL LACTATIONS	250	63	24	176	51	1040	+14	13	31	12	2

	NUMBER OF COWS	AGE	PEAK TEST DAY PROD.	PROJECTED ME 305 DAY	MILK	FAT	PROTEIN	SOMATIC CELL COUNT FOR CURRENT MONTH					YEARLY SUMMARY OF COWS ENTERING AND LEAVING THE HERD									
								% COWS SCC SCORE					COWS ENTERING HERD		COWS LEFT HERD		NUMBER OF COWS LEAVING THE HERD					
								0,1,2,3	4	5	6	7,8,9	NUMBER	%	NUMBER	%	DAIRY	LOW PROD.	REPO.	DISEASE INJURY	DIED	MAST. OR UDDER
1ST LACT.	329	27	67	19122	837	612	58	14	10	7	11	483	78	20	3	13	1	1	1	2	2	
2ND LACT.	138	42	77	19212	850	632	52	19	13	7	9	17	3	16	3	13						
3 + LACTS.	141	67	82	18884	856	626	52	14	14	6	14	20	3	16	3							
ALL LACTATIONS	608	39	75	19087	844	620	55	15	12	7	11	520	84	52	8	26	1	5	3	10	7	

YEARLY PRODUCTION AND MASTITIS SUMMARY

DATE OF TEST	DAYS IN TEST PERIOD	NUMBER COWS IN HERD ON TEST DAY	TEST DAY AVERAGES (MILKING COWS)		STANDARD-IZED 150 DAY MILK	TEST PERIOD PERSIST. INDEX	TEST DAY AVERAGES (ALL COWS)				ROLLING YEAR HERD AVERAGE			SOMATIC CELL COUNT SUMMARY					NUMBER LEFT HERD				
			DAYS IN MILK	MILK			% IN MILK	MILK	% FAT	% PROT.	MILK	FAT	PROT.	% COWS SCC SCORE									
														0,1,2,3	4	5	6	7,8,9		SCC	DIED	SOLD	
MONTH DROPPED																							
9-19	28	648	188	46.0	52.9	97	79	35.6	4.1	3.2	16919	793	575	52	15	12	8	13	3.6	1	30		
10-19	31	660	175	52.6	57.3	112	81	42.4	4.2	3.3	16785	787	570	53	15	12	8	12	3.6	1	37		
11-19	32	602	176	53.4	57.7	102	88	46.9	4.6	3.5	16776	789	571	53	18	12	8	13	3.8	1	105		
12-19	25	571	165	54.4	56.4	102	91	43.9	4.4	3.4	16812	794	573	53	14	12	8	14	3.7	1	68		
1-20	34	564	170	58.1	60.6	109	93	53.9	4.9	3.2	16824	799	573	54	14	10	9	13	3.7	2	45		
2-20	33	569	195	57.1	61.5	103	95	56.0	4.4	3.3	16875	801	572	55	13	11	7	13	3.5	2	27		
3-20	29	1016	213	60.7	66.6	110	94	56.6	4.2	3.2	16956	707	547	55	14	11	8	12	3.4	2	74		
4-20	36	1068	233	53.1	60.8	95	94	50.0	4.3	3.2	16898	703	545	56	14	9	8	13	3.4	2	50		
5-20	53	588	237	55.3	63.2	108	93	51.4	4.2	3.3	16778	775	568	56	13	13	7	11	3.4	2	33		
6-20	36	592	248	51.5	61.1	99	91	46.8	4.1	3.2	16806	767	568	57	14	12	6	11	3.5	3	28		
7-20	30	1101	247	45.1	54.9	93	90	40.6	4.0	3.0	16887	703	544	64	11	8	7	10	3.0	7	70		
8-20	49	608	242	48.2	58.3	112	87	41.9	4.0	3.2	16974	773	573	55	15	12	7	11	3.5	1	51		
AVERAGES	35	716	208	53.0	59.3	104	88	47.5	4.2	3.2	16974	773	573	55	14	11	8	12	3.5	13	613		

TEST PERIOD AV. MILK LBS. ADDED 38.5 TEST PERIOD AV. MILK LBS. DROPPED 35.7
SCC HERDS= 2 COWS= 1215
RAW SCC THIS MONTH= 433000
RAW SCC THIS YEAR= 464000

REMARKS:

1ST OR PRIOR AP	MILKING TIMES	WGH	SPL	SHIPPED-TEST DAY COMPARISON		TEST DAY	YEARLY AV.
				SUM OF TEST DAY WTS (LBS)	25286		
2ND				REPORTED AV. DAILY BULK TANK WTS (LBS)	23366	26704	
3RD (GX)				% DEVIATION	+8.2	+4.7	

ASSOC.	MILK LAB		PROCESSING CENTER			
	RECEIVED	MAILED	BARN SHEETS RECEIVED	LAB RESULTS RECEIVED	MAILED	
SUPV.	MO.	DAY	MO.	DAY	MO.	DAY

TYPE OF RECORD AND HERD CODE			SCHED ULING DAY	DATE TESTED	
ST.	CO.	HERD NO.	MO.	DAY	
56					

PAGE

8-2020 SUMMARY (MSC0991)
STATE AVERAGE

NO. HERDS= 17

PRODUCTION, INCOME, AND FEED COST SUMMARY

DESCRIPTION	DAILY AVERAGE PER COW ON TEST DAY		ROLLING YEARLY HERD AVERAGES	
	NUMBER	%	NUMBER	%
TOTAL COWS	209		209.3	
COWS IN MILK	174	83	182.0	87
MILK LBS. (ALL COWS)	47.1		19,396	
B'FAT LBS. (ALL COWS)	1.79		784	
B'FAT PERCENT	3.8		4.0	
PROTEIN LBS.(ALL COWS)	1.51		633	
PROTEIN PERCENT	3.2		3.3	
MILK LBS.(MILKING COWS)	56.6			
SILAGE	LBS. CONSUMED		LBS. CONSUMED	%ENE
	38	36	11,979	
OTHER SUCCULENTS OR BLENDED RATIONS	LBS. CONSUMED		LBS. CONSUMED	%ENE
	28	30	10,852	
DRY FORAGE	LBS. CONSUMED		LBS. CONSUMED	%ENE
	4	4	1,545	
OTHER FEEDS	LBS. CONSUMED		LBS. CONSUMED	%ENE
PASTURE	PASTURE (YES OR NO)		DAYS	%ENE
	Y	Y	76	
CONCENTRATES	LBS. CONSUMED		LBS. CONSUMED	%ENE
	20	18	6,430	
VALUE OF PRODUCT \$	9.34	7.65	3,636	
COST OF CONCENTRATES \$	3.19	3.00	1,168	
TOTAL FEED COST \$	7.16	7.06	2,805	
INCOME OVER FEED COST \$	2.18	.59	831	
FEED COST PER CWT. MILK \$	PER CWT	%FAT	PER CWT	%FAT
	12.65	14.96	14.49	
MILK BLEND PRICE	PER CWT	%FAT	PER CWT	%FAT
	17.27	4.03	18.74	4.03

IST OR PRIOR AP	MILKING TIMES	WGH	SPL	SHIPPED-TEST DAY COMPARISON		TEST DAY	YEARLY AV.
				SUM OF TEST DAY WTS (LBS)	REPORTED AV. DAILY BULK TANK WTS (LBS)		
						9845	10945
2ND						9898	10718
3RD (GX)						-.5	+2.1

REMARKS:

ASSOC.	MILK LAB		PROCESSING CENTER			
	RECEIVED	MAILED	BARN SHEETS RECEIVED	LAB RESULTS RECEIVED	MAILED	
	MO. DAY	MO. DAY	MO. DAY	MO. DAY	MO. DAY	MO. DAY

REPRODUCTIVE SUMMARY

SUMMARY OF CURRENT BREEDING HERD

TOTAL COWS IN BREEDING HERD	COWS WITH NO SERVICE DATES OR DIAG. OPEN			DAYS OPEN AT LAST SERVICE				DAYS TO 1ST SERVICE
67	OPEN VWP TO 100 DAYS	OPEN OVER 100 DAYS	NUMBER DIAG. OPEN	FEWER THAN VWP	VWP TO 100 DAYS	OPEN 100 TO 130 DAYS	OPEN OVER 130 DAYS	
56	10	32	11	1	10	3	11	111

YEARLY REPRODUCTIVE SUMMARY

DATE OF TEST	% HEATS OBS.	NUMBER SERVICES	% SUCCESSFUL	NUMBER CONFIRM. PREG.	NUMBER CALVING	TOTAL PREGNANT COWS
9-19	19	26	43	6	32	104
10-19	25	28	34	7	29	85
11-19	34	53	37	10	30	88
12-19	37	43	43	6	23	73
1-20	40	51	47	17	26	65
2-20	45	46	46	21	20	85
3-20	36	37	50	15	22	81
4-20	41	44	44	26	20	91
5-20	38	34	44	14	16	112
6-20	42	34	30	15	17	117
7-20	26	19		13	14	113
8-20	11	21		10	27	113
AVERAGES	33	36	41	13	23	94
TOTALS		436		160	276	

REPRODUCTIVE SUMMARY OF TOTAL HERD

STAGE OF LACTATION PROFILE	STAGE OF LACTATION (DAYS)					AVG. DAYS TO 1ST SERVICE	SERVICES PER PREGNANCY		PROJECTED MINIMUM CALVING INTERVAL	DAYS OPEN	SERVICE OR HEAT INTERVALS		SERVICES FOR PAST 12 MONTHS			
	1-40	41-100	101-199	200-305	306+		PREG. COWS	ALL COWS			INTERVAL LENGTH	NUMBER INTERVALS	SERVICE NUMBER	NUMBER SERVICE	% SUC-CESSFUL	SERVICE SIRE PTA \$
1ST LACT	9	34	18	106	2.0	2.6	14.8	169	18-24	59	1ST	166	50	580		
2ND LACT	6	25	9	97	2.0	2.5	15.4	188	36-48	30	2ND	84	37	566		
3+ LACTS	8	28	10	98	1.9	2.7	15.0	177	OTHER	80	3RD +	136	32	567		
ALL LACTS	23	87	37	99	2.0	2.6	14.7	167	TOTAL	386	41	578				
% OF ALL 1ST SERVICES	16	59	25						ABORTIONS		THIS MONTH	PAST YEAR				

GENERAL MANAGEMENT INFORMATION

COWS TO BE MILKING, DRY, CALVING, BY MONTH							BR OF HERD	HERD PTA \$ OPTION	GENETIC PROFILE OF SERVICE SIRE		
SEPT	OCT	NOV	DEC	JAN	FEB	% OF HERD BRED TO:		PROVEN A.I. SIRE	A.I. YOUNG SIRE	ALL OTHER SIRE	
168	169	171	173	177	183	31		1	68		
39	38	36	34	31	28	NUMBER OF BULLS USED		10	1	3	
15	18	17	17	15	15	AVERAGE PTA \$ OR PA \$		+324	+311		

* ASSUMES 3.5 % PER MONTH CULLING RATE

STAGE OF LACTATION	DRY COW PROFILE				BODY WEIGHT	AIPL PTA \$		IDENTIFICATION SUMMARY			
	NUMBER DRY PERIODS	DAYS DRY	NUMBER DRY FEWER THAN 40 DAYS	NUMBER DRY 40-70 DAYS		NUMBER DRY OVER 70 DAYS	% SIRE ID	% DAM ID	% USABLE BY AIPL	% ID CHG	
1ST LACT.					1110	+19	170	64	73	62	3
2ND LACT.	52	65	4	38	9	1240	208	115	71	82	5
3+ LACTS.	59	75	4	42	12	1290	263	54	74	88	4
ALL LACTATIONS	111	71	9	80	21	1200	224	128	69	80	4

STAGE OF LACTATION	NUMBER OF COWS	AGE	PEAK TEST DAY PROD.	PROJECTED ME 305 DAY			SOMATIC CELL COUNT FOR CURRENT MONTH					YEARLY SUMMARY OF COWS ENTERING AND LEAVING THE HERD										
				MILK	FAT	PROTEIN	% COWS SCC SCORE					COWS ENTERING HERD		COWS LEFT HERD		NUMBER OF COWS LEAVING THE HERD						
				1,42,000	142,000-283,000	284,000-565,000	566,000-1,130,000	OVER 1,130,000	NUMBER	%	NUMBER	%	DAIRY	LOW PROD.	REPO.	DISEASE INJURY	DIED	MAST. OR UDDER	FEET & LEGS			
1ST LACT.	92	26	65	20160	794	630	64	14	8	7	7	96	46	27	13	4	4	4	4	5	3	3
2ND LACT.	56	40	77	21004	840	661	69	12	9	5	5	2	1	19	9	1	2	4	2	4	3	3
3+ LACTS.	61	63	83	20953	838	662	62	14	10	6	8	1		33	16	1	5	5	6	8	4	4
ALL LACTATIONS	209	41	77	20618	819	648	65	13	9	6	7	99	47	79	38	6	11	13	12	17	10	10

YEARLY PRODUCTION AND MASTITIS SUMMARY

DATE OF TEST	DAYS IN TEST PERIOD	NUMBER COWS IN HERD ON TEST DAY	TEST DAY AVERAGES (MILKING COWS)		STANDARD-IZED 150 DAY MILK	TEST PERIOD PERSIST. INDEX	TEST DAY AVERAGES (ALL COWS)				ROLLING YEAR HERD AVERAGE			SOMATIC CELL COUNT SUMMARY						NUMBER LEFT HERD	
			DAYS IN MILK	MILK			% IN MILK	MILK	% FAT	% PROT.	MILK	FAT	PROT.	% COWS SCC SCORE						DIED	SOLD
			0,1,2,3	4			5	6	7,8,9	BELOW 142,000	142,000-283,000	284,000-565,000	566,000-1,130,000	OVER 1,130,000	1.13 M	1.13 M					
9-19	29	236	205	54.2	64.2	101	86	46.6	3.8	3.2	19554	765	624	59	16	11	7	8	3.1	4	11
10-19	41	202	194	57.1	64.8	105	84	48.0	4.1	3.3	19667	790	636	60	17	10	7	7	3.1	2	9
11-19	36	234	179	63.5	69.3	107	85	54.1	4.1	3.4	20402	808	660	60	16	10	8	6	3.2	1	8
12-19	33	216	175	62.2	67.0	104	83	51.1	4.2	3.4	19331	765	602	59	12	9	7	6	3.3	2	7
1-20	36	207	174	64.0	67.6	102	87	55.1	4.2	3.3	19617	776	603	60	15	9	7	6	3.0	2	7
2-20	32	219	176	63.9	72.4	106	90	53.1	4.0	3.2	20698	821	605	60	13	9	5	5	2.8	2	7
3-20	33	209	177	63.7	70.3	104	91	61.1	4.1	3.2	19634	784	637	60	13	10	7	7	3.0	1	7
4-20	37	208	188	67.1	71.2	106	92	61.6	3.9	3.2	19375	781	629	60	13	9	6	6	2.8	2	10
5-20	31	227	197	65.9	71.1	100	92	60.4	3.9	3.2	20256	795	649	60	13	8	5	5	2.7	1	6
6-20	35	218	203	64.1	70.9	100	88	49.3	3.3	3.2	20188	815	658	60	14	8	6	6	2.7	1	5
7-20	35	211	209	65.7	65.5	98	85	49.0	3.3	3.1	18527	768	603	60	14	9	5	7	3.0	1	5
8-20	75	209	213	64.4	62.3	103	84	45.4	3.0	3.2	19396	784	632	60	13	9	6	7	2.8	3	8
AVERAGES	38	216	191	62.3	68.1	103	87	54.5	4.0	3.2	19396	784	633	63	14	10	6	7	3.0	21	98

TEST PERIOD AV. MILK LBS. ADDED 46.6 TEST PERIOD AV. MILK LBS. DROPPED 46.5 SCC HERDS= 17 COWS= 2087 RAW SCC THIS MONTH= 311000 RAW SCC THIS YEAR= 297000