

Rolling Herd Average: 14,000-16,000 Pounds (1119 Herds)

L#	SCC	LS	Days Open	PTA Milk	PTA Fat	PTA Protein
1	2.8		129	+187	+7	+6
2	2.9		121	+93	+4	+3
>2	3.7		129	-179	-4	-3

Lactation 1				Lactation 2				Lactation 3 or Greater							
Test#	Milk	Fat	Pro F\$/CWT	SCC	Milk	Fat	Pro F\$/CWT	SCC	Milk	Fat	Pro F\$/CWT	SCC			
1	48.0	3.7	3.0	5.38	269	64.0	3.7	3.0	4.52	259	68.8	3.7	3.0	4.33	460
2	51.4	3.4	2.9	5.21	208	65.1	3.4	2.9	4.61	255	70.9	3.4	2.8	4.39	441
3	49.8	3.4	3.0	5.30	212	61.1	3.4	3.0	4.82	282	66.5	3.3	2.9	4.60	479
4	47.9	3.5	3.0	5.33	225	57.3	3.4	3.0	4.98	296	61.9	3.4	3.0	4.78	510
5	45.8	3.5	3.1	5.39	230	53.4	3.5	3.1	5.12	312	57.4	3.4	3.0	4.95	538
6	44.2	3.6	3.1	5.46	237	49.9	3.6	3.2	5.26	320	52.9	3.5	3.1	5.13	552
7	42.1	3.7	3.2	5.57	246	45.8	3.6	3.2	5.44	345	48.3	3.5	3.2	5.36	555
8	39.7	3.7	3.2	5.72	245	41.2	3.7	3.3	5.78	344	43.1	3.6	3.2	5.70	584
9	36.4	3.8	3.3	5.96	245	35.6	3.8	3.4	6.28	387	36.8	3.7	3.3	6.20	609
10	31.8	3.9	3.4	6.44	273	28.5	3.9	3.4	7.14	405	29.6	3.7	3.4	7.01	631
11	26.8	3.9	3.4	7.12	282	22.4	3.9	3.5	8.31	430	23.2	3.8	3.4	8.13	670
12	21.4	4.0	3.5	8.05	320	16.5	4.0	3.5	10.32	473	17.1	3.8	3.4	9.91	702

Rolling Herd Average: Less Than 14,000 Pounds (1092 Herds)

L#	SCC	LS	Days Open	PTA Milk	PTA Fat	PTA Protein
1	2.9		129	+149	+7	+5
2	3.1		124	+86	+4	+3
>2	3.9		128	-168	-4	-3

Lactation 1				Lactation 2				Lactation 3 or Greater							
Test#	Milk	Fat	Pro F\$/CWT	SCC	Milk	Fat	Pro F\$/CWT	SCC	Milk	Fat	Pro F\$/CWT	SCC			
1	42.0	3.8	3.1	5.57	284	54.4	3.8	3.1	4.72	303	58.3	3.8	3.1	4.53	523
2	43.2	3.6	3.0	5.59	217	54.0	3.6	3.0	4.89	302	58.4	3.5	2.9	4.67	522
3	41.2	3.6	3.0	5.73	224	50.2	3.6	3.0	5.14	325	54.3	3.5	3.0	4.90	560
4	39.4	3.7	3.1	5.82	229	46.7	3.7	3.1	5.35	349	50.0	3.6	3.1	5.13	572
5	37.6	3.8	3.2	5.91	249	43.6	3.7	3.2	5.52	358	46.6	3.7	3.1	5.32	592
6	36.1	3.8	3.2	6.01	243	40.6	3.8	3.2	5.71	381	43.0	3.7	3.2	5.55	615
7	34.4	3.9	3.3	6.09	244	37.4	3.8	3.3	5.91	399	39.1	3.8	3.3	5.86	640
8	32.4	3.9	3.3	6.26	244	33.7	3.9	3.4	6.29	422	34.8	3.8	3.3	6.25	647
9	29.6	4.0	3.4	6.57	253	29.2	4.0	3.4	6.84	448	29.9	3.9	3.4	6.82	674
10	25.6	4.0	3.4	7.16	257	24.0	4.1	3.5	7.70	447	24.3	3.9	3.5	7.74	704
11	21.7	4.1	3.5	7.92	284	19.5	4.1	3.5	8.71	459	19.5	3.9	3.5	8.80	726
12	16.8	4.1	3.5	9.37	339	13.9	4.1	3.6	11.17	537	13.5	3.9	3.5	11.40	830

Rolling Herd Average: 16,000-18,000 Pounds (1923 Herds)

L#	SCC	LS	Days Open	PTA Milk	PTA Fat	PTA Protein
1	2.7		127	+258	+10	+7
2	2.7		123	+197	+7	+6
>2	3.5		129	-93	-1	-1

Lactation 1				Lactation 2				Lactation 3 or Greater							
Test#	Milk	Fat	Pro F\$/CWT	SCC	Milk	Fat	Pro F\$/CWT	SCC	Milk	Fat	Pro F\$/CWT	SCC			
1	52.4	3.7	3.0	5.17	265	70.4	3.7	3.0	4.33	240	74.8	3.7	3.0	4.18	423
2	56.7	3.4	2.9	5.00	197	72.8	3.3	2.9	4.41	226	78.2	3.3	2.8	4.23	403
3	55.7	3.4	3.0	5.08	198	68.9	3.3	2.9	4.59	249	74.1	3.3	2.9	4.42	439
4	53.9	3.4	3.0	5.15	208	64.8	3.4	3.0	4.75	267	69.2	3.4	3.0	4.59	456
5	52.0	3.5	3.1	5.20	214	60.5	3.4	3.1	4.90	276	64.4	3.4	3.0	4.75	479
6	49.8	3.5	3.1	5.23	225	56.2	3.5	3.1	5.05	295	59.5	3.5	3.1	4.92	492
7	47.7	3.6	3.2	5.30	219	51.7	3.6	3.2	5.23	305	54.2	3.5	3.1	5.13	500
8	45.1	3.7	3.2	5.44	225	46.6	3.7	3.3	5.51	317	48.4	3.6	3.2	5.42	509
9	41.5	3.7	3.3	5.64	240	40.2	3.8	3.4	5.93	339	41.6	3.7	3.3	5.86	524
10	35.7	3.8	3.4	6.10	248	32.2	3.9	3.4	6.72	348	33.3	3.7	3.4	6.62	563
11	29.7	3.9	3.4	6.73	251	24.9	3.9	3.5	7.83	373	25.9	3.8	3.4	7.66	587
12	23.5	4.0	3.5	7.78	265	19.4	4.0	3.5	9.18	402	18.9	3.8	3.5	9.40	600

Core Parameters Tables

Throughout 1987 and 1988, ten subcommittees of extension specialists representing various regions in the United States prepared fact sheets which described the fundamental core parameters deemed necessary for the elementary use of DHIA records in the following areas: Production Change Analysis, Nutrition, Reproduction, Health, SCC and Mastitis, Genetics, Business Management, Marketing, Youngstock, and Culling.

The goal of these committees was to identify the herd and individual cow measurements that were readily identifiable and easily measurable, as well as directly usable by producers and important for proper herd management.

The result of the committees' efforts was a set of standardized herd and cow management parameters that represent all of the important measures needed to manage a herd and dairy farm for the greatest profitability.

Because the goals of these extension subcommittees reflect the vision of DHIA, the Pennsyl-

vania Dairy Herd Improvement Association has incorporated the promotion, use, and refinement of these core parameters into our long term data processing development and educational efforts.

Following are two sets of tables. One, the Core Parameters for Business Management Performance, shows groupings of herd size ranges for several statistics for each breed. This table has been incorporated into DHIA's year-end reporting.

The second set of tables was new last year. These tables are grouped by rolling herd average in steps of 2000 pounds, from 14,000 pounds and under to 22,000 pounds and over. For all herds, the average number of animals leaving the herds, and the number of herds on test in each category are shown. In addition, the average PTA milk, fat, and protein also appear, as well as the lactation average somatic cell count, and the average number of days open.

Following these overall aver-

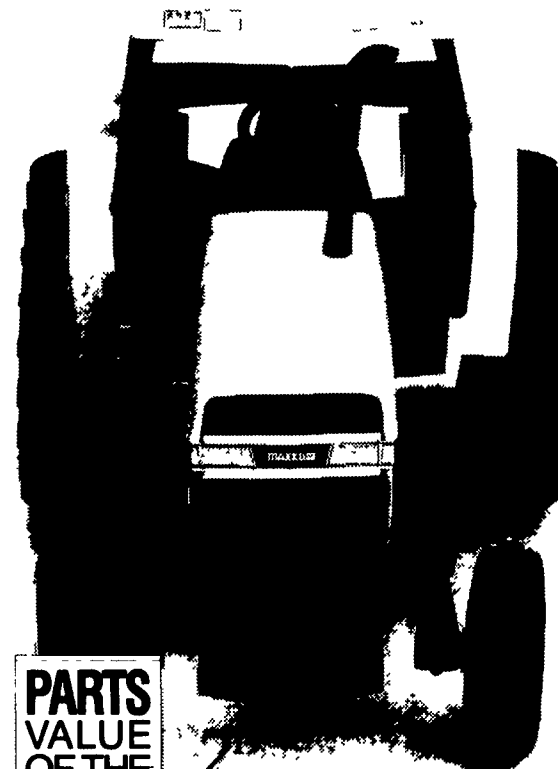
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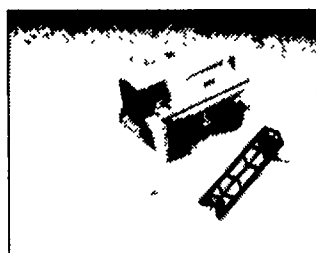
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