



TRI-COUNTY GOAT NEWSLETTER
Tulare-Kings-Fresno Counties

FEBRUARY 2005

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DHIA Dairy Goat Tester Training Session

Saturday, February 19, 2005

UCCE Kings County Multi-Purpose Room
680 N. Campus Drive, Suite F
Hanford, CA 93230

9:00 a.m. Scale drop-off (annual scale calibration required for official test)

9:30 a.m. Training Session Starts

Agenda

- **2004 DHIA Dairy Goat Review**
- **The DHIA Process**
- **What Happens on Test Day**
- **Barnsheets – the DHIA input forms**
- **DHIA Reports**
- **Types of Test Plan and Data Collection Ratings**
- **Verification Tests**
- **Miniature Breeds**

11:45 a.m. Certification Test



2004 California DHIA Dairy Goat Production Summary

Dairy goats enrolled in the DHIA program with the California DHIA produced an average of 1,932 pounds of milk in the testing year that ended in September 2004. This production increased slightly from 2003 when the average dairy goat production was 1,914 pounds of milk.

Component tests dropped slightly with butterfat averaging 3.46 % (down from 3.57 % in 2003) and protein averaging 3.00 % (down from 3.03 %). The result of higher milk and lower percent components was that the pounds of fat dropped one pound (from 68 to 67 pounds per doe per year) and the pounds of protein remained unchanged (at 58 pounds). Somatic cell counts also increased from 829,000 to 844,000.

Management data included in the summary showed an average of 24 percent of the herd dry. The does were dry an average of 84 days. Thirty-three percent of the does left the herd (culled or sold). The average age at kidding for all does in the herd was 38 months. Average peak milk for milking does was 9.8 pounds.

Seven of the California DHIA associations enrolled goat herds on test. The El Dorado association had the most does on test with 883 does in 20 herds. The Northwest Dairy Goat Improvement Association (part of the Willamette DHIA) had the most herds on test with 36 herds and 603 does.

Of the 72 herds enrolled in the program, 35 were from the state of California, 28 in Oregon, seven in Washington, and two were from Idaho.

Five out of every six herds were enrolled in the traditional DHIR program (either standard or group), while 9 herds (12.5 percent) took advantage of the "02" APCS Innovative Test Plan. The remaining three herds were owner-samplers.

Other than the experimental herd, the Toggenburgs once again were the top breed in pounds of milk per doe with 2,221, followed closely by the Saanens with 2,186 pounds of milk. The Nigerian Dwarfs produced the highest component percentages with 5.29 % butterfat and 3.52 % protein. The Nubians followed with 4.58 % butterfat and 3.63 % protein.

A few of the trends noted when the herds were analyzed by production level was that higher producing herds tended to have fewer does dry, they had more that left the herd (culling or sold), their days dry were fewer, and their peak milk was higher.

There were 2,044 does on test at the end of the 2004 testing year. The average herd size was 28 does per herd.

The accompanying table shows the details of the dairy goat summary.

CALIFORNIA DHIA PROGRAM

ALL HERD AVERAGES - DAIRY GOATS
ALL TYPES OF TESTS

YEAR ENDING 9/04

	TOTAL DOES	# OF HERDS	DOES/ HERD	% DRY	% LEFT HERD	RHA MILK POUNDS	RHA % FAT	RHA # FAT	RHA % PROTEIN	RHA # PROTEIN	RHA SCC	DAYS DRY	AGE @ KID (MONTHS)	PEAK MILK
BY ASSOCIATION														
CENTRAL COUNTIES DHIA	4	1	4	20	0	2975	3.46	103	2.82	84	636	87	33	13.7
EL DORADO	833	20	42	22	34	2266	3.37	76	3.01	68	943	84	39	11.3
FRESNO DHIA	105	8	13	33	39	2022	3.61	73	3.07	62	633	87	37	10.7
NORTHWEST DGIA	603	36	17	36	34	1693	3.72	63	3.06	52	859	103	43	9.6
SOUTHERN COUNTIES DGIA	44	5	9	47	25	1082	3.75	41	3.04	33	779	127	39	7.0
SOUTHERN COUNTIES DHIA	452	1	452	9	31	1682	3.27	55	2.85	48	700	53	30	7.0
TILLAMOOK DHIA	4	1	4	18	0	2390	2.97	71	2.80	67	660	34	41	11.8
BY STATE														
CALIFORNIA	1437	35	41	19	33	2030	3.37	68	2.97	60	838	76	36	9.8
IDAHO	38	2	19	0	18	2226	3.47	77	3.00	67	621	15	41	7.5
OREGON	443	28	16	40	36	1623	3.73	61	3.06	50	948	109	43	9.7
WASHINGTON	126	7	18	31	28	1799	3.77	68	3.07	55	613	108	43	9.8
BY TYPE OF TEST														
(02) ITP-APCS	135	9	15	35	46	1843	3.50	65	2.98	55	763	121	40	10.6
(20) DHIR	1536	60	26	24	35	1884	3.49	66	2.98	56	841	83	38	9.5
(40) OS	10	2	5	29	10	2177	2.83	62	2.70	59	528	24	59	9.9
(41) OS-AP	362	1	362	21	24	2160	3.33	72	3.06	66	892	73	38	10.7
BY BREED														
ALPINE	203	9	23	45	35	1575	3.36	53	2.88	45	1205	90	41	10.6
EXPERIMENTAL	2	1	2	0	50	3700	3.38	125	3.14	116	1558	122	62	12.3
LAMANCHA	178	12	15	39	37	1549	3.65	56	3.08	48	631	123	43	8.9
NIGERIAN DWARF	18	3	6	22	22	778	5.29	41	3.52	27	417	97	21	3.7
NUBIAN	148	11	13	36	46	1639	4.58	75	3.63	60	644	108	41	8.9
OBERHASLI	48	4	12	36	37	1866	3.53	66	2.94	55	984	155	39	13.3
SAANEN	101	8	13	33	38	2186	3.38	74	2.92	64	991	113	42	12.5
TOGGENBURG	110	9	12	21	40	2221	3.21	71	2.78	62	727	80	44	11.2
MIXED	1237	15	82	16	30	2049	3.36	69	2.97	61	837	69	36	9.4
BY HERD SIZE														
1 - 4	33	11	3	18	27	1781	3.57	64	3.01	54	577	49	39	8.6
5 - 9	111	15	7	26	43	2485	3.35	83	2.90	72	639	80	38	13.4
10 - 16	217	17	13	34	50	1696	4.07	69	3.30	56	727	133	40	9.4
17 - 30	465	23	20	32	31	1846	3.49	64	2.97	55	796	108	44	9.9
31 OR MORE	1217	6	203	19	30	1960	3.36	66	2.97	58	908	67	35	9.4
BY PRODUCTION														
0 - 999	42	6	7	40	34	732	3.81	28	3.13	23	1001	216	42	5.3
1000 - 1999	1001	33	30	28	35	1560	3.56	56	2.99	47	794	85	36	8.3
2000 - 2999	945	26	36	20	31	2301	3.41	78	3.01	69	893	78	39	11.0
OVER 3000	56	7	8	15	45	3229	3.09	100	2.78	90	794	60	45	17.1
CALIFORNIA DHIA AVERAGE	2044	72	28	24	33	1932	3.46	67	3.00	58	844	84	38	9.8

SUMMARY INCLUDES HERDS ON ALL TYPES OF TESTING PROGRAMS AND INCLUDES BOTH OFFICIAL AND UNOFFICIAL HERD AVERAGES.

SCC AVERAGES MAY NOT INCLUDE ALL HERDS.

SUMMARY INCLUDES HERDS THAT HAVE NOT BEEN ON TEST A FULL YEAR.

A FULL YEAR OF TESTING IS NECESSARY TO ACCURATELY PREDICT ANNUAL PERFORMANCE.