

22,537 cows. The figures are summarized in the following table, which, in keeping with figures quoted hereinbefore, is based on all cows in milk 100 days and over:—

Table 3.—Averages of all Cows in Milk 100 Days and over, for certain privately conducted Associations (25 Associations, 901 Herds,* 22,537 Cows), 1922-23.

Association No.	Number of Cows.	Association Average.		Highest Herd-yield in Association.		Lowest Herd-yield in Association.	
		Days.	Butterfat.	Days.	Butterfat.	Days.	Butterfat.
			lb.		lb.		lb.
1	405	248	292.52	280	424.11	239	251.14
2	313	223	233.75	265	298.14	193	181.14
3	2,500	245	266.61	272	381.22	194	137.13
4	1,400	165	171.04	278	404.06	186	155.87
5	371	182	165.53	118	205.94	120	87.49
6	275	258	269.56	256	348.06	236	196.83
7	180	213	225.26	229	255.90	204	192.58
8	494	173	174.07	231	309.67	110	69.20
9	160	211	245.66	290	490.30	180	190.20
10	1,200	231	225.00	277	446.71	209	93.88
11	1,530	234	268.60	292	488.04	236	191.59
12	1,893	222	232.36	266	390.44	205	135.12
13	316	212	217.19	225	261.71	197	178.88
14	1,989	170	159.49	145	204.87	199	125.42
15	1,100	253	242.11	279	373.42	283	197.42
16	145	225	243.71	267	317.70	182	127.87
17	1,957	259	277.80	312	373.75	203	121.22
18	208	184	176.00	244	247.00	160	105.00
19	281	240	247.85	264	362.35	189	193.71
20	432	246	256.56	278	332.62	200	151.35
21	240	207	225.25	253	282.70	106	118.00
22	563	242	291.40	266	371.37	187	220.47
23	2,220	236	242.53	275	336.52	161	149.89
24	787	246	274.54	321	488.54	239	225.35
25	1,578	216	223.14	232	418.03	256	172.22

* Number of herds in Association No. 23 estimated as 85.

	Days.	Pounds Butterfat.
Grand average of all cows	224	234.85
Highest association average	248	292.52
Lowest association average	170	159.49
Highest individual herd	290	490.30
Lowest individual herd	110	69.20
Highest individual cow	*	739.41
Lowest individual cow	120†	44.00
Average daily production of butterfat per cow ..		1.049

* Days in milk not given; second cow, 293 days, 668.81 lb. fat. 213 days, 52.3 lb. fat.

† Second lowest cow,

It may be stated that, although all dairy companies interested in this work were circularized for information regarding cow-testing returns, we have been unable to procure figures for the remaining fifty-five groups, representing 26,901 cows. It has been ascertained that many associations fail to keep adequate records, merely figuring the returns and passing them on to the members, or else forwarding the sheets with the tests included, leaving the association member to