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Wand

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1916

the cow's performance, including costs of all feeds consumed by her.

costs of all reeds consumed by her, and such other particulars as cost of producing 100 lbs, of milk, cost of pro-ducing 1 lb, of butterfat, profit over cost of feed, etc. The information af-

forded by these records gives the farmer a very close approximate of

the performance and profit or loss of each addividual cow is the herd. The benefits of this method of keep.

ing dairy records is very forcibly shown by the study of a few out-standing features of the work in the

Comox Association during the past two years. During the year 1917 there were 408 cows on test, and 203

of these finished a full lactation per-tod within the year,-the difference in

number being accounted for by the

fact that a number of cows reacted to the tuberculin test and were re-

placed by fresh animals; a number of

cows that were found to be non-pro-fitable were sent to the block; and some members dropped out of the as-

sociation, and were replaced by new

Marked Increases in Production.

members

Knowing the weight of

Some Results of Cow Testing in B. C.

One Herd Increases Its Average From 286 to 419 lbs. of Fat Per Cow-By T. A. F. Wiancko, Provincial Dairy Instructor M ANY valuable lessons have been learned from the work carried

No. of

Two Year Olds

Max 20 1910

under

 Year Olds.
 1916.
 1917.

 Milk Fat
 Milk Pat
 Bos.
 Ibs.

 Ibs.
 Ibs.
 Ibs.
 Ibs.

 ~,064
 370.9
 7.945
 143

 *,940
 293.7
 6.620
 334.6

 5,912
 287.0
 7.671
 337.4
Of the 203 cows that have finished lactation periods in T917, the average lactation periods in 1917, the average production was 5,800 thas milk and 281.5 the flat, with an average test of 4.77% flat, an explaint 4.838 the mil-and 231 flat, flat with an average test of 4.65% at in 1916. The flatures for 1917 include 37 two-year olds. One of the most gravit/ting results in the work is the vc-y considerable increase of production of ind./dual herdia, of which the following are a new examplat:

aramples:

H OWHER PLOOP		
v. milk,	Av. fat,	Anin
Ibs,	Ibs.	
5,490	278	
6,006	304	
4,858	234	
6,402	301	
6,064	.965	
7,031	313	
4,094	210	
5,679	300	
4,893	225	
7,290	365	
6,131	236	
5,538	266	
In J. M	AcMillan's	Hero

The results shown above

4.74 largely due to the increased care and attention given the cows, and indicate that the members of cow testing as that the members of cow testing as sociations through the medium of the weigh scales and record sheets, in conjunction with the Babcock test, conjunction with the Babook say soon learn that all cowe are not alla, and that they must be studied as is dividuals and fed and handled ac-constingly. They have learned that cows will not produce milk profilably unless provided with food of the right unless provided with food of the right kind, and in sufficient cunnity. This fact is strikingly apparent in the case of the herd of Mr. J. Mokilian, of Demman fistand. In 1917 the manage-ment of the herd was taken over by a Hve young herdeman, Mr. Altred tas-dall, who scon found in the herd esdail, who soon found in the nerd sp cellent material as milk producers if properly handled. He accordingly set to work to study the individuality of to work to study the international of each cow in his charge, more and be ter feeds were tried out, and water was made available to the cows at all times. A comparison of the results shows that in 1916 seventeen cows gave a total of 97,723 Hbs. of milk and 4,862 lbs. of fat, with a feed cost of \$380.00 for roughage, and \$187.00 for sature of fat, with a feed cost of \$560.00 for roughage and \$525.00 for rain, or an increase of 46,744 lbs. of milk and 7.140 for roughage and \$525.00 for grain, or an increase of 46,744 lbs. of milk and an increase of 40,144 mbs. of most and 2,262 Hbs. of fat for the additional \$518.00 spent in feed. The average fat production per cow in 1916 was 286 Ibs. as against 419 Ibs. of fat per cow in 1917. To illustrate the result of extra feed and attention given is or estima reed and attention given is this herd, especially to cows below freshening, the following Table is d special interest. Note the difference in weight of the cows in the second

A ma tion of the fol The n of fat	arked incr individua lowing co amber of c and over in 15.	ease in t l cows is mparative ows produce 1916 was	he prod shown figures ting 400 4. In 1	by this i : freshe ha. specia in we	ra feed an erd, espec ning, the i interest. ight of the	d attention ially to co following T Note the cows in f	a given wa be 'abie is differe the sec
-	Name	www.labe	400	Los Milk.	Lbd Fat		Fat, 1
Tear. 1916	of Cow.	Weight. 700	1	4,842	360.3	3.651	164.
1017	Heather	800	8	7,493 6,131	425.1	2,021	195.
1916 1917	Darkie	650		8,818	443.3	2,187	3.86.1
1916	Silver	650	1	4,801	041.7		163.1
1917	Silver	700	500 8 00 (6,708	394.0 333.4	3,497	188-
1916 1917	Polly	750		11.463	631.9	4,898	208.
1917	Famie	860	6	7,980	394.8		163.
1917	Fannie	1,000	1	I1,804 Total Inc	687.8	3,894	793.
				Average	Increase		158.
it was T	mparison	Old and	Over.	1917 Ree lustm record to sho	uits such a to the imp is for pari and furthe ow a cow's	as these at ortance of ods of two r prove the real worth	continue o years at in out
		1916.	Milk J		careful a		
	10.0	ba Iba	lbs.		eeding acco		
Highest	. cow	878 447.8	5,163 6	oo.r gutree	nemts for 1	nilk produ	ction, s
2nd "	a areals	,082 666.0	2,038 6	the sec	esisted in.		



Trade increases the VOL. XXXVII S

On Their 75 Ad

COUPLE of we pleasure of spen Tinkess Stock Co., Ont., and I must away much interested farm idea. The Tinke prises but 75 acres, 1 of a very large dairy milkers being kept employment the year they receive a comfor are not so overburden worry as to be discour -a common state of on the larger dairy on the larger dairy of the contrary they ar their work. They quit night the year round cheques coming in eve share of enjoymen' fi shall the contentment from their farming from their farming of to appear in their lab

First The first thing that kess Stock Farm is it are located right in road which Civides th tral location for the trai location for the year's farm work, and ing, for the pasture pu the cows far from the mile from the building where the .ailk is shi half mile jaunt gives "visit" with other fa work-and in that litt a whole heap of adva farm

Besides the location milk to Montreal, and this farm. It is this market ever prove sl in midsummer, there cheese factory situate a few hundred yards the Tinkess dairy milk may be market advantage. This is o ticular advantage durb busy season in summer time cannot well be a for the trip to the st and fortunately it is a season that the Mo nilk market is best su from other sources. Tinkess Stock Farm is all cleared and cult and is watered by streams without being cut up by them.

Another outstanding ture is the "small air of tidiness. The with its verandahs woodshed, as well a separate dairy are p white, and the barns white, and the barns poultry house and m ery shed are painted form red. A visitor walk around back of

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ting.

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