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The Best of Cigars, Lunch Goods and Fishing Tackle. Light Lunch Served. Coffee like mother used to make.

J. L. KIDDER, Prop.

RECORDS

> Dr. E. L. Glaisyer Gives Some Useful Information to Tillamook Dairymen

> feeding racehorses, is a business a-bout which there is much secrecy and many things are done for which is no scientific foundation by It has been proven that much of ne quackery praticed by many

> In fitting a cow for test it is retty well agreed among breeders aat, within reasonable limits the fatter the cow is before freshening the better her chances of making a record. Particularly is this true in the seven day test, as it is a proved fact that good flesh contrioutes to a high fat test for a short time after calving. The high con-

also the means of building up reserve energy for the long time yearly test. For the dry cow, feeds rich in protein and bone forming material are required, in order that the embryonic ealf may be properly nourished. Most bran, oats, cornmeal or hominy and linseed is a good one. The following are rations that have given good results in fitting the cow for test: two parts hominy, on part bran and one part oil meal, or 100 parts of each ground oats and hominy and seventy five parts of oil meal, or two parts of each bran and oil meal and one part of each hominy and ground oats, or still another ration may be made of 100 parts each bran and oil meal, 75 parts of ground oats and 25 parts of beet pulp. In the foregoing all of the mixtures are by weight. Fresh roots if they can be obtained are a very desirable supplement to the ration at this time, as they are cooling and somewhat laxative and most cows relish them. If roots are not available beet pulp is often used. It is usually soaked with water and fed wet, taking the place of roots some extent, of silage. may be fed at the rate of two to five month. The toal average for all pounds daily. Molasses is sometimes cows in the association as 793 lbs. of used ,usually in connection with the bet pulp, the latter being soaked

with molasses and water. Molasses is especially good for add- Owner No. cows mild laxative. It may be fed at the M. Holman, 11 rate of two or four pounds daily. Cows relish it and when mixed with other fed it makes them eat more. Gluten feeds and cotton seed meal Jersey Yukon Golden Glow which are to be avoided at this time be- produced 1231 pounds of milk concause of their tendency to produce taining 56.6 pounds of fat, udder trouble. Shortly before calving hree or four times a day to accustom Within ten days or two weeks of cal- pounds fat. ving the grain ration should be cut down to about five pounds per day and sold for beef. to lessen the danger of milk fever.

The fitting ration may be continu- purchased, ed for the first week after calving, then gradually changed to the test F. ration. Do not crowd the cow with grain, and make no sudden changes. as she wants. To the roughage add four or five pounds of grain daily and increase it at the rate of twotenths to three-tenths of a pound per day until she is on full feed which may not be until the end of four br

On account of too heavy grain the best production of which they are capable. The fat accuulated while the cow is dry carries her over A. Myres, Utah the first few weeks in fine condition while she is becoming accustomed to "

the testing ration. In planning the grain ration for " testing the recognized feeding stan- H. C. White, Princess . . . dards are to be used merely as a Herbert Smith, Queen ... 1316 46.0 guide, which is all that is claimed for them. In order to properly com- " " nound a ration the action of the varlous feeds must be understood. For F. Kumm, Woozie Boozie ...953 40.9 that cotton seed meal is constipating, F. L. George, Tony unpalatable and tends to make a very firm hard butter; that bran is somewhat laxative contains much mineral matter and gives bulk to the ration and so on through the list.

The feeder can determine, only by experience, the grain mixture on which the individual cow will give her best production. Good grain mixtures may be made up from so many different kids of feed and in such a variety of proportions that it makes but little difference what " " Peggy grains are used as long as bulkiness, comparative freedom from indigest- Merle Holman, Fannie 747 40.2 ible fibre and palatability are obtained. The latter is especially important since upon this point depends to a large extent the amount which the cow will eat. Some of the best feeders make up a separate mixture for each cow which they may have on J. C. Dunn, Fancy ... test. Sometimes ten or twelve grains are used in a mixture while at other times they are comparatively simple. The cow, Tilly Alcarta, which holds the world's milk record, received a very simple ration composed of ground oats and barley, cottonseed meal, soy bean meal, linseed meal and bran.

In regard to the amount of feed pratically every authority agrees that in addition to the usual amount of roughage the cow be fed one C. pound of grain for every three to four pounds of milk producd. But here again the feeder must use his own judgment in determining the a- A. W. Hess. mount to be fed. Do not increase the cow's feed above what she will clean up readily. Always keep a narrow margin between the amount the cow will eat and the amount Moistening the grain is valuable to improve the appetite and to keep the animal from going off feed. In cases the cow does go off feed slightly, delay feeding for a few hours or remove the offending ingredient from the ration. Individual cases must be handled differently. In looking over the records of the high producing cows we find that very few of them receive pasture to any great extent. It is a hard task Hurliman & Sons, to adjust the amount of other feeds "" which she should have when she is on pasture. Particularly is this true when pasture such as we have here during the summer months is at its best. Apparently if the cow does not do her best, we should remove her from the pastures earlier in the day in order to prepare her appetite for more concentrated foods latter on. Corn silage is a standard roughage but should be made from well matured corn rich in grain. Large records have been made without the

use of silage by using beets or man roots may be fed as a supplement to silage. It is claimed that 10 pounds of roots have the same feeding value as one pound of grain. Roots are Feeding dairy cows for record, like per day or even more. In season of silage. The feeding of green crops in the stable is often considered a better method of providing green feed than turning out to grass The hay should be of the best quali ty available. The second cutting of alfalfa is to be preferred, although other good bright legume hays ma be fed. The hay should be soft, full of leaves, fine of stem and cured without having been wet. It should be fed often and in such amounts as will be eaten with relish. Not enough importance is placed on good grain of any kind in the absence of good hay will produce best results. ditioning of a cow before calving is

Dr. Lytle, our State Veterinarian, ducted by him, that a very valuable adjunct to the ration of cattle is a combination of various chemicals which tend to replace those persisently drained from cows with the milk. They are, principally calcuim, Dr. Lytle finds that cow: which have been milked for a number of years and are classed as beyond the good milking stage can be brought back to giving an amount equal to their best days of previous years. It seems that there is a great field for research in this line and a possible means of supplying this dethe feeding of calcium phosphate in small amounts daily. Dr. Lytle is now working on a suitable combination and when ready will published and I am sure will, with the proper study of feeding as outlined above, in Tillamook county.

Report of Nestucca Testing Assn.

597 cows were tested during the cows produced over 40 pounds of fat. High grade herds:

Joe Shriber, 22 930 43.25 J. C. Duna, 20 Mr. Mark Bays had the honor pure bred cow in the association, Reg.

Mr. J. L. Craven had the honor it is advisable to commence feeding grade cow in the association, Blue, the animal to frequent feeding. 1993 pounds milk containing 73.7

> Six cows were found unprofitable 9 Registered Guernsey cows were

P. Thun, Poppy 1203 55.3 " " Ladybird 970 48.5 " " Anna 1215 42.6 Minnie 995 44.8 Mary Ann.... 921 42.6 Canary 834 40.0 Relma Pet 814 45.4 Lady Linn Lee. 829 55.3 Mary1091 61.1 Maud Kate

Minnie1122 40.4 Reddy Babe 989 48.7

Peggy1615 47.4 Our Rose.. 942 42.5 Brewnie. 1026 Grandma, 1212 50.9 Beauty815 45.6 .936 44.0 1209 49.6

1048 50 3 .778 44.3 Beaut . Brownie Cream Senora

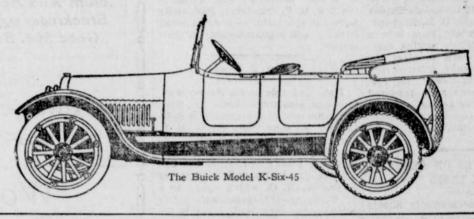


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ACKLEY & MILLER.

Frank1225 4.78 Mosie 1395 52.5 White Foot . . 1287 41.2 Crip1256 40.2 Blackie 1073 504 Weava 1032 50.5 Big Milker 1209 53.1 Blue 1993 73.7 Brownie 137 42.6 Notice of Sale of Bond Warrants Blossom1125 41.3 D. J. Dunn, Trixie71.6 43.7 Beauty 899 45.7

Pencil teat ...809

Sealed bids will be received until the hour of 10 o'clock a. m. on the 10th day of September, 1920, by the undersigned and immediately there-City, Oregon, for the purchase of Bond Warrants of said County, of from \$10,000 to \$60,000, issued for perty. the building of permanent roads CJem Rust, Pet921 42.3 therein, the same being issued in lieu of a portion of an authorized issue Yeksa899 49.4 of \$430.00, the same being in denoninations of \$50.00 or multiples there-

Said bond warrants to bear interest at five and one-half (51/2) per Buster880 46.1 cent per annum until paid principal .908 41.7 and interest payable in U. S. Gold Coin at the office of the County Queen1262 54.2 Treasurer of Tillamook County, Ore-

Dandy930 46.5 gon. Said bids must be accompanied Brownie 1097 48.1 by certified check for 5 per cent of Myrtle1206 50.6 the amount bid and must be uncon-Blanche1218 53.5 ditional.

The Court reserves the right to reject any or all bids.

Homer Mason, County Clerk.

Board of Equalization Meeting Notice is hereby given that on Monday, September 13th, 1920 the County Board of Equalization will meet at the office of the County Assessor in the Court House in Tilla-Darling980 42.1 after publically opened by the Coun-Rags.822 50.1 ty Court of Tillamook County, Ore-Nettle942 46.2 gon, at the office of said Court in the scription of lands, lots or other proamination, correction and equalization of the said assessment rolls shall be completed. All complaints must be filed with the board the first week. All persons interested are requested to appear at said time and place, as no changes can be made after the adjournment of the board. Dated at Tillamook City, Oregon.

August 10th, 1920.

