fints to Interested Farmers of Clatsop County.

AND GOOD BUTTER MAKING

Semiderable Depends Upon the Breed and Care of Stock to Insure Making of the Best Butter Bringing Highast Price in the Market.

& W. Trow, president of the Minnesta State Dairy association and one of The most enthusiastic dairymen in his state, spoke on the "Value of the Silo" at the recent Iowa dairy convention. We believes that Iowa farmers need much more instruction in the matter of eaper feeds and better methods in dairying. The time has gone by when fows and Minnesota farms can be opexated as they were in the early days. A farmer must raise an abundance of his ewn feed. Clover and corn fedder enn be grown anywhere in Iowa and are splendid rations. There is nearly as much feed in the stalk as in the ear of corn, and the silo is a preservative of both the corn and the ear. It is a money maker for the farmer, although is slow to see this and still slower put his money into this device.

To fill Mr. Trow's silo, which is 18 bet in diameter, 32 feet in height and holds 160 tons, the following help is reraired: One man and four horses to cut the corn, five or six men and teams with wagons to haul to cutter, one man to feed the machine and one man in the silo. Mr. Trow usually fills his sile in about two days with this amount of help. He lets it settle and then finshes filling in about ten days,

Mr. Griswold, a prominent farmer mear Lacrosse, Wis., was visited by Mr. Trow recently. He has a farm of eight cows and twenty head of young stock and horses. The total revenue from this farm is \$3,000. Mr. Griswold has two silos one for summer and one winter-and in recent years has been able to raise the average product of his cows and 242 to 442 pounds of

Mr. Trow recommends planting corn for the sile north and south and plantmg about twice as thick as you would for husking on the richest piece of ground on your farm. Wondeless

NATURE SPARES

The Stricken Rose From Grief. What a fortunate provision of nature is, that deprives the rose of mental suffering; for how poignant would be its grief to discover; in the height of its blooming giory, that a canker fed at its heart, and that its beauty and fragrance were doomed forever. Nature always were doomed forever. seart, and that its boadty and fragrance were doomed forever. Nature always spares the suffering; she is a veritable store-house of pleasing rewards, for those who seek her aid. In the years gover by falling hair and grayness have cost a gloom over the lives of thousands of young women, but thanks to the ingestions of scientists the true cause hair destruction is now known to be germ or parasite that burrows into he kair follicles. Newbro's Herpicide absolutely destroys this germ, thus permitting the hair to grow as nature intended. Sold by leading druggests. Send 10c, in stamps for sample to The Herpicide Co., Detroit, Mich. Eagle Drug Store, 351-353 Bond St.,

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the same sort of vorn you would plant for your ordinary field corn. He says It is not well to begin to fill the silo when the corn is too green.-Creamery Journal.

nomic Feeding of Cows. At the recent meeting of the Ohio Dairymen's association Professor C. S. Piumb gave a short talk on "Ec Feeding of Dairy Cows," in which he showed the effects of feeding a heavy ration as compared with a light one, A heavy ration is fed more economically than a light one, but there is a limit to that matter, and extreme feeding is not usually so profitable as a medium quantity. Professor Plumb thinks that the Ohio farmer can grow alfalfa successfully in nearly all parts of the state, but he had found by repeated trials that alfalfa silage produces a shrinkage of milk. Others reported a similar experience with soy bean silage, while both alfalfa and soy bean hay had caused considerable in-

Fedder Corp.

The sowing of corn so thickly that it will not ear and cutting it while green and juicy for fodder give a tender food much relished by the dairy cow. The fodder may be put in the silo or cured in the shock, but in either case it is doubtful if as much nourishment is secured as if the crop were sown thinner and left until the ears were nearly matured. Ten to fifteen pounds daily is a good ration.-Farm and Live Stock Visitor.

HANDLING MILK

Diphtheria, tuberculosis, scarlet féver, typhoid fever, cholera, choleraic disturbances and sore throat epidemics have all been traced not infrequently taking care of the milk are generally N. Y. at fault, for such individuals may be suffering from the disease or may be in communication with some one who has the disease. Accordingly a means of conveyance is provided. Therefore those having communicable diseases or in any way associated with others having any of these diseases should neither milk nor handle milk which is consumed by the public.-Michigan Experiment Station Bulletin.

Milking Utensils, Perhaps one of the most common sources of impure milk, although it is not usually admitted, is the polluted condition of the utensils which are employed in the care of milk. From 500,000 to 50,000,000 germs have been counted in each gram of dirt taken from the creases in a milk pail, while from its surface have been taken many thousands per square inch.

Care of the Separators. In order to have the perfect motion of the bowl the separator must be set level and be kept clean and well oiled, says Professor Webster, chief of the dairy division department of agriculture. The oil should be thin or light, so that it will not gum the wearing parts. A heavy oil will make the machine run hard and will gum quickly on small, high speed bearings. All the bearings of the machine should be frequently flushed with coal oil. It is well to make a run about once in two or three weeks, using coal oil on all the bearings. This keeps the parts free from gum and washes out grit or sand that may have blown into them. It is an excellent plan to have a cover of closely woven cloth or olicioth that can be kept over the machine while it is not in operation.

The Cow Barn Odor. A cow barn flavor, due to unclean milking, is often caused by wetting the bands or not properly brushing off the cow's bag before milking, by allowing the milk to remain in the barn after milking or by not keeping the stable clean and properly ventilated.



The address delivered by T. L. Haecker at the recent meet of the Missouri Dairymen's association was received with a great deal of enthusiasm, for it was to the point and contained the knowledge that the Missouri dairy man is seeking, says Hoard's Dairyman. After giving his method of caring for the herd of the Minnesota station he gave some good advice in the building up of a dairy herd. He advised them to begin with the cows they have and by proper feed and care, by selecting a good dairy sire and by weeding sut the inferior cows there is no reason why a profitable herd cannot be obtained. Professor Hacker further stated: "In order to receive a large yield of milk it is quite as important that the cow or herd is handled proper ly as that proper feeding should be practiced. I know of many instances where the best of dairy cows were used and where good methods of feeding were practiced and still results fell short of what might reasonably have Sunday, at 3 p. m. been expected simply because the animais did not receive that kindly treatment which is so essential to a cow giving lots of milk for a long time. Never hurry a cow or strike or speak loudly or harshly. A gentle voice and a caressing touch are quite as potent

as is digestible protein." Absorption of Odors by Milk. To show the susceptibility of milk to Wednesday, 10, 1:30, contracting odors I will give a little Thursday, 11, 3 A. M. acident in my dairy school work. 1 Friday, 12, 3:30. vas training the class in detecting bad Saturday, 13, 4. avors in the milk by warming sam-

ples to a temperature that would cause a little vapor to rise from it and passed the warm samples around the class. One of the students detected the flavor of the bogpen, and I also did. This matter was followed to the farm where the milk was produced, and we learned the patron practiced putting his night's milk in an open vat in a room where there was nothing else, thinking he was doing the very best that he could. This room was about fifty feet from his hogpen. and to cool the room he opened a window on the side toward the hogpen The milk absorbed the hogpen odor and brought it to the dairy school, and we were able to detect it in the milk .-From Address of H. B. Gurler Before Missouri Dairymen's Association

A Butter Producing Holstein. The Holstein cow Juno la Polka whose picture is here reproduced from American Cultivator, has an official record of 432.2 pounds of milk, containing 21.78 pounds (80 per cent) of



JUNO LA POLEA.

butter in seven days. For thirty days the week of her official test her milk Address R. U. W., Astorian office. averaged 4.02 per cent of fat. Junu to milk supplies. Those milking or Brothers-Hastings company, Lacona,

The Hilk Tester.

The possession of a milk tester does not mean that a farmer must keep up the work of testing his cows for the rest of his natural life. He has only to test them enough to come to certain conclusions in his own mind as to their ater. value for milk and butter production.

Milk From Silage. The belief that milk from sliage fed office.

cows is inferior in quality has little foundation. True, there is a slight odor to milk from silage fed cows, but it is not objectionable. The butter made from it is not tainted and of good quality.

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ness as Kallunki & Anderson, in Ald-

erbrook, Cedar street, Astoria, Ore.

has this day been dissolved by mutual

consent. Jacob Arderson retiring from

sald firm, and Andrew Kallunki con-

tinning in the business. All outstand-

ing accounts are due and payable to

the said Andrew Kallunki, who will

pay and Joes hereby assume all the

debts of said firm existing to this date

J. ANDERSON.

A. KALLUNKL

Voice Culture-

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