

FARM DEPARTMENT

The Chronicle will be glad to print contributed articles under this department head from Golden Valley Farmers. Anything pertaining to grain growing, gardening, or stock raising that will be of value to your neighbors should be sent in and we will gladly give it space without charge. Write on one side of the paper only and mail to "Farm Department," Golden Valley Chronicle, Beach, North Dakota.

University of Farm Enterprise

In most cases where studies on the profits in farming have been made, particularly in our oldest agricultural districts, such studies indicate that the most successful farms are the ones which have from two to four major sources of income; that is, they have a well-balanced and diversified business. In certain instances it may pay better to have only one enterprise, but usually when one crop pays much better than all others, the production of it increases rapidly, and soon the price falls to the point where other crops or products are equally as profitable.

Diversified farming is often confused with farming where there is a little of everything and not much of anything. Either extreme lessens chances of success. When the price of certain crops is very low then livestock usually becomes desirable. However, if the returns per animal are poor, cash crops even at a low price are essential. A well-balanced business insures against losses and provides much better utilization of the labor and equipment.

GRINDING GRAIN FOR DAIRY CATTLE

In a test to determine the need of grinding for dairy cattle, it was found that cows fed whole corn passed 23 per cent of it whole in the droppings, heifers 11 per cent and calves 6 1-3 per cent. When fed whole oats the cows passed 12 per cent, the heifers 5 1-2 per cent and the calves 3 per cent. When whole oats and corn were fed together, the cows passed 36 1-2 per cent, the heifers 17 1-2 per cent and the calves 6 per cent, which indicates that the dairy cow needs her grain ground but that the calves waste very little when fed whole grain. With beef cattle grinding corn has not been found to pay.

Prevent Winter Pasturing.

Stock pasturing on alfalfa in the fall and winter often causes winter killing. The growth of alfalfa is needed to hold snow.

Sweet Clover Seed in Demand

Grand Forks, Dec. 23.—Since reading of the experiments with the raising of sweet clover upon alkali lands, a number of inquiries are being made as to where seed of this comparatively new crop may be obtained. There is not a great deal of the seed in the state, but interested parties may be able to get enough for a trial of this crop by addressing the North Dakota Development League press bureau at Grand Forks. Those who have experimented with sweet clover have found that it will grow upon what has heretofore been considered useless land, and if their experience is duplicated by others, many thousands of acres of North Dakota soil will become valuable which has heretofore been considered waste.

The Development League press bureau requests parties that have seed to sell shall write them, stating amount, price, quality, etc., and those wishing to try out sweet clover are invited to address the bureau with reference to seed. In other words, the press bureau will endeavor to act as an exchange so as to encourage the experimentation with this new crop.

Curing Bacon and Hams.

The brine method is the most satisfactory way of curing hams and bacon on the farm. To sugar cure them over-night, rub each piece with salt and allow it to drain; then pack in a barrel with the hams and shoulders in the bottom, using the strips of bacon to fill in with, or place on top.

For each 100 pounds, take 8 pounds of salt, 2 pounds of brown sugar and 2 ounces of saltpeter. Dissolve these in 4 gallons of boiling water. After cooling, pour it over the meat, which should be covered. Place a weight on it to keep it in the brine. Leave the bacon in the brine four to six weeks and the hams six to eight weeks, then smoke it. Handle salt pork in the same way, only use 10 pounds of salt and leave out the sugar.

N. D. Land Prices Going Up

Grand Forks, Dec. 23.—Unless we keep closely in touch with the situation, it is likely that even residents of the state will not realize how land values in North Dakota are advancing. Gradually the last of the big "bonanza" farms are being broken up and diversified farming is coming into its own. As this process goes on lands must necessarily increase in value.

One of the latest instances of this fact is reported from Portland. A portion of the big Grandin farm has lately sold at \$75 an acre, and it will be devoted in the future to development along diversified farming lines. Coincident with the announcement of this sale the Portland Republican tells of the prosperity of its creamery, which has just closed a successful year with over 300 farmers furnishing cream for its operation. The Republican further remarks:

"Dairying has been taken up on a larger basis at more progressive farms in this vicinity the past year. Blooded stock is being shipped in at all times from large eastern stock farms and consigned to many of our most prominent farmers. Silos have popped up like mushrooms here and there, evincing proof of the prosperity and tendency toward diversified farming in the community around Portland."

Holden on Corn.

The average per acre yield of corn in the United States is less than 26 bushels—not half a crop. Poor seed is the greatest cause of the poor yield of corn. Just one small 8 ounce ear of corn added to each hill will raise the average in the United States to 52 bushels per acre—double the yield and value of the crop, and add about \$1,700,000,000 to its total value.

Corn from a standpoint of acreage yield and value exceeds every other crop. Wherever corn is grown there you find high priced land and prosperous people. No other crop can replace corn, but corn can readily take the place of any other grain crop.

Corn is put to a greater number of uses than any other crop that grows. There are greater possibilities for improvement, yield and quality of corn than any other crop. Seed corn testing will add millions of dollars to farm incomes.

Where to Use the Ax.

The ordinary fowl—that is, one not held in high esteem by an experienced breeder—is not valuable enough to doctor up and fuss with by the novice. If roup shows in the eyes and nose by an ill-smelling discharge, take the bird away at once and kill it. Burn the body and head.

Tuberculosis in Chickens.

In a test of a flock of poultry by the veterinary department of the North Dakota Experiment station, it was found that 3 per cent of the year-old chickens had tuberculosis, 24 per cent of the 2-year-olds and 86 1-2 per cent of the 3-year olds. The hen over 2 years old is usually not a profitable producer.

Farmers' Institute.

Now is the time to apply for a farmers' institute. The schedule is being made up. When it is completed it will be more difficult to secure an institute, as well as harder to get it at the most desirable time. Address the superintendent of farmers' institutes, Agricultural College, North Dakota.

Pure Bred Prepotent.

The pure bred animal has been bred for a long time to fix certain desirable qualities. If mated with just common animals the pure bred has the

power to impart these desirable qualities to its offspring in a marked degree. A pure bred male should always be used.

Leslie's Widow Negro is Claim

Seek to Set Aside Will, Giving Fortune to Cause of Woman Suffrage, Through Family History.

New York, Dec. 23.—That the suit brought to set aside the will of Mrs. Frank Leslie, widow of the publisher by his heirs at law is based on allegations that Mrs. Leslie's mother was a negro slave and had no legal right to inherit her husband's fortune, became known yesterday when William Nelson Cromwell and Louis H. Cramer, executive and trustees under Mrs. Leslie's will, filed an accounting.

It developed that the action by Surrogate Fowler to hold secret hearings in the Leslie will contest was based on these allegations as to Mrs. Leslie's family history.

The contention that Mrs. Leslie's mother was a negro slave and her father a white southern planter resulted in investigations by detectives employed by the executors on account of a similar inquiry conducted throughout Louisiana by detectives employed by James H. Westcott, attorney for Arthur Leslie, a grandson of the publisher, and other heirs at law.

The accounting refers to a payment of \$1,080 to a detective agency "for service in connection with the investigation of Mrs. Leslie's family history" and a payment of \$100 to "A. S. Wrenn" for a trip to Charleston, S. C., in connection with the investigation of the family history and pedigree of Mrs. Leslie.

Concerning the suit to set aside the probate of the will, leaving the bulk of the \$1,800,000 estate for the cause of woman suffrage, the executors said:

"The general nature of the claim was that the decedent was an illegitimate child of one Charles Follin and a negro slave, and that she left no heirs at law or next of kin on the part of her mother."

Ray Hannum and family have moved down from Beach, N. D. They sold their farm land up there some time ago, and it is their intention to locate in this vicinity.—Turner (S. D.) Herald.

THE CHRONICLE

Is read in nearly every farm home in the Golden Valley. The Chronicle is the Farmer's Paper and therefore the best MERCHANTS' MEDIUM. If you are not a Chronicle reader you are missing something worth while; if you are not advertising in the Chronicle you are losing business. Be wise, read and advertise, in BEACH'S LEADING NEWSPAPER.

Terrible Suffering in Russia

Minot Woman Receives a Piteful Letter From Her Father, Who Was Forced to Leave His Home—Many of the People Starving.

Minot, Dec. 22.—Henry Rozen of the B. & R. clothing store, received the sad news from his wife's father in Russia telling of the terrible suffering that thousands of poor people are experiencing. In the recent German drive the Russians were ordered by the Czar to burn their homes and flee, so that when the Germans arrived they would find nothing but a barren waste. Henry's father-in-law and his family were driven from home and are now living in great hardships many miles away, with little to eat and to wear and little to keep them warm. Mr. Rozen sent the family a substantial sum, which will help them for as short time. The letter as translated follows in part:

"We had some very bad experiences. Business is very bad. We live together with Mordche Weinberg, but we have to sleep on the floor. Mother is also with us. We have not expected to suffer so much. We are in this small city, where everything is very dear. Wood is 40 kopecs a cub (one cent a pound.) Bread is very dear. There are many refugees here and we have to suffer from hunger. It is very cold here now. We don't know what to do. Shall I jump off the bridge? My only hope is God and you who can help us. We seem to have gotten used to our trouble. Our daughter, Bielka, has the typhus. Mordche Weinberg is sick in bed with his foot. I am also sick. What can I do? All I can do is to raise my hands to God and cry. I ask you, my dear children, to look out for us and our poor lives, so that we are not lost. There seems nothing left for us to do but to die in the streets. Dear children, I do not want to write you such a letter, but I am forced to do it. This letter is written with tears, not with ink. MORDK GLICKMAN."

Mr. Rozen has telegraphed financial assistance to the unfortunate man, but conditions are such that his suffering is bound to be great and he is but one of hundreds of thousands.

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