

FARMERS' INSTITUTES.

Winter Wheat in South Dakota.

(By Manley Champlin, Asst. Agronomist, South Dakota Experiment Station.)

Other things being equal, the production of winter wheat per acre will exceed that of spring wheat. Experiments are in progress at the various sub-stations to learn just how much difference there will be between the best varieties of winter wheat and the best varieties of spring wheat in acre yield when compared under similar conditions.

Another reason why the growing of winter wheat deserves more consideration is that it is the ideal dry farm crop—the one which has made dry farming a financial success in nearly all sections where it is a success, including Utah and the region known as the Inland Empire, comprising eastern Washington and Oregon and southern Idaho.

A third reason is that it gives a chance for a division of labor, for all the planting that is completed in the fall will be out of the way during the spring rush, and the harvest will be completed ahead of the earliest spring grain.

It will therefore be readily understood why the South Dakota Experiment Station and the United States Department of Agriculture in their experimental work in this state regard the solving of winter wheat problems of such great importance.

The progress already made has indicated the best variety to grow, the probable best time to sow, the folly of trying to grow winter wheat on bare fall plowing and the probable best rate of seeding. In a constructive way, considerable progress has also been made in locating a strain of superior hardiness. If this strain continues to prove hardy it will be available for limited distribution in a few years, and its introduction will make it easier to succeed with winter wheat on fall plowing.

While there is still much to do, the following propositions are fairly well proved:

The best variety at present for South Dakota conditions is that popularly known as Turkey Red. This variety contains several different strains which are being separated out and some of which promise to be better than the original bulk variety.

The best rate of seeding is believed to be three pecks per acre, increasing to four in the east and decreasing to two in the drier central portion.

The best time of seeding in an average of years will probably be from September 1st to 15th, although each individual season varies so much that it may never be possible to state definitely that this or any other date is best.

The safest plan for seeding winter wheat is to use a one horse drill and sow between the corn rows without any further preparation than the cultivation that the corn should have received.

While stubbling in is better than fall plowing, it is a poor farm practice and since the main object of sowing winter wheat is to increase the yield per acre there can be little object in sowing the wheat in such a way that a low yield is assured from the start.

If wheat is sown on summer fallow as is done in the great dry farming areas it is well to leave the surface as rough as possible to prevent blowing. More killing is due to blowing than to any other cause, as the sifting soil particles injure the crowns of the wheat plants. It will be noted by anyone observing fields of winter wheat in the spring that in places where the drill accidentally ran deep the wheat would be alive while the greater portion of the field had winter killed. This gives rise to the idea that a drill may be constructed to list in the wheat in shallow trenches and thus insure better protection for the wheat crowns than by the ordinary method of sowing. Good protection would also be afforded by a top dressing

of straw or manure, which would at the same time add fertility to the soil.

On the whole, more winter wheat should be grown in South Dakota because it will increase the average acre yield and afford a division of labor while its earliness makes it a safer crop for the dry farm than spring wheat. But that which is sown should be sown right, and this means that protection be provided in some form or another, the best being the standing stalks of corn.

Jesse Ray Fruit Grower.

County Auditor Ray was displaying some home grown apples about town, last Friday, and inquiry revealed the fact that Jesse is quite a fruit grower. At his place on the west side of town he has twelve apple trees of the Duchess variety, one of which is bearing, and from which he has picked about a bushel of fancy eating apples this season. He also has a half dozen Compass cherry trees in active operation and a couple of yellow egg plum trees that are producing fruit. Mr. Ray farms six lots, with the assistance of his father, T. W. Ray, and in addition to the fruit, raises all manner of garden truck.

Burke Is Coming.

The Indian fair will be held at the Agency on Sept. 25, 26 and 27, this year, and preparations are going forward for one of the biggest fairs in the history of the association. Congressman Burke has signified his intention of attending, and will be present on either Sept. 26 or 27. There will also be a representative from the Indian office at Washington in attendance, possibly the commissioner of Indian Affairs. Everyone who can do so should make it a point to attend this fair and see what the Indians are doing in the way of advancement.

One of the Best.

The A. G. Barnes big wild animal circus showed to capacity business in this city last Friday. The show is clean in the strictest sense of the word, and is excitingly entertaining throughout. Many of the wild animal acts exhibited with this show are in a class by themselves, and bear out the claim of the management that they have "the only real wild animal circus on earth." The Barnes show is conducted in a clean, courteous and businesslike manner—no rowdyism or grafting being permitted by the men in charge, all of whom are gentlemen. It is hoped that they will keep Sisseton on their regular route sheet.

All the Way from S. C.

G. E. Duckworth and A. R. Maupin, of Columbia, S. C., were in the city on Monday. They were traveling in a Kritt car, and were on their way to Winnipeg, selling oil for the Zon-Oil Co., of Cleveland, O., while en route. Messrs. Duckworth and Maupin left their South Carolina home on May 5, and have been on the road constantly ever since. They said they were enjoying the trip immensely.

We Got One, Also.

The editor of this paper is indebted to Attorney Thomas Mani for a very respectable sized prairie chicken, which he left at our sanctum Tuesday evening. The bird was subsequently cooked entirely to our liking by Mrs. Arthur Bennett—and we enjoyed a real game supper at the Palace Lunch Room on Wednesday.

No Doubt.

"My second husband was batty and my third was dangerous." "I presume then that you are agitating for a safe and sane Fourth."—Kansas City Journal.

Don't fail to see the beautiful display of pattern and novelty hats at Mrs. Olson's, Monday and Tuesday.

Patronize the Standard job department. Particular printing for particular people is our specialty.

PACKAGE GROCERIES

Do They Add Needlessly to the High Cost of Living?

An interesting contribution to current investigations of the "high cost of living" has been made public by the Connecticut Experiment Station, in which the claim is advanced that the general practice of enclosing beverages and foods in packages has played an important part in the advanced prices of those goods. There are advantages in the package plan, it is admitted, but there are disadvantages, too, as may be seen by the following summary in the bulletin:

"This practice has certain advantages. The most obvious of these is the protection from contamination by flies, animals and human manipulation and by the dust and dirt of shop and street. A sealed package gives the buyer a reasonable assurance that he gets the food just as it left the factory and this is particularly important for manufacturers who claim specially clean factories and sanitary methods. Sealed packages also protect from substitution and dishonest manipulation or false weights and measures of a retail dealer. They save the dealer time, trouble and some times loss of material, and by their attractive appearance tempt customers.

"The use of packages also has its disadvantages. As a rule it increases the cost of food to the customer. He pays for the attractive and somewhat expensive containers either by increase of price per unit of quantity or by decreased quantity at the standard price. In sealed cartons the purchaser cannot see the food before buying—a serious objection in the case of such things as breakfast foods and dried fruits, which he sometimes finds on breaking the package to be infested with insects. This causes trouble if not loss. The size of the container often deceives the buyer as to the amount of material he is buying. Bottles with deeply concave bottoms or panned sides, and breakfast food cartons, especially of the flaked foods, are likely to be quite deceptive.

Investigation showed that many of the goods sold in packages, though handled at the same prices obtained for them several years ago, contained less of the product. And when an attempt was made by the state law to compel producers to print the weight of the product upon the package, the law was evaded in the case of canned fruits and vegetables by merely using less solids and more liquids. In other cases the cans were made heavier. There was a general disposition, the bulletin states, to obey the law, though this did not reduce the higher prices made necessary when the manufacturers packed everything in fancy packages to cater to the whims and tastes of the buyer.

The farmer has frequently been criticised for alleged contributions to the "high cost of living," though it is recognized by farm management experts that he has too often received far less returns for his labor and investment than have been his due. The results of this Connecticut bulletin are suggestive, therefore, in having unearthed one contributory cause to high prices for which the farmer can take no blame. The extravagance and wants of the American consumer, and not the farmer producer, must answer for the short-weighted package.—Ray P. Spear, Minn. Agricultural College.

The Sisseton Weekly Standard has at least 65 per cent more circulation than any other newspaper printed in Roberts county. If you have anything to advertise, you cannot afford to overlook this fact. Our subscription list is open for your inspection.

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Have the Standard do your job printing. If the job don't suit you, you don't pay.

HUNTING SEASON OPENS

And Sisseton Nimrods Bring Home the Bacon.

The open season for ducks and chickens began Tuesday morning and a large number of enthusiastic local nimrods were in the field early. Game, especially ducks, is reported plentiful, and some large bags have been reported.

The largest bag so far noted was that brought in Wednesday evening by a party composed of Sheriff Swanson and Arthur Olson, of this city; Chas. L. Hyde, Sr., and Chas. L. Hyde, Jr., of Pierre, and Thad L. Fuller of Milbank. These gentlemen hunted for two days on Dry Run Pass and brought home about 200 ducks and a dozen chickens.

Iver Stadstad and Deacon Carlberg of this city and John Lambers of Chicago, also spent a day at Dry Run Pass and bagged 35 ducks and a couple of chickens.

Dr. Sverre and W. F. Carlberg contented themselves with 24 ducks and 4 chickens.

Will Thomas, John McCoy and Frank Whipple hunted all day Tuesday without a dog and got 15 ducks and 2 chickens.

Dr. Glasier, Dr. Bobb and Frank Maldaner bagged 23 chickens and 8 ducks, and Frank Chausse and H. D. Massingham brought in 8 chickens and 2 ducks.

Thos. Mani, D. J. Prindiville, M. E. Crockett and Budge Batteredton spent Tuesday in the field and bagged 17 chickens, and Judge and Mrs. Batterton went out to Bob Lange's place in the afternoon and the judge found three prairie hens without the assistance of a dog—and brought them home with him.

Jim Laughlin and Selmer Rask started out with the opening of the season and proved their knowledge of the game by the size of their game bag—20 chickens and 9 ducks.

Dr. Fred McDonald went out to his brother's place six miles south, and slaughtered nine chickens, and the two Bollenbecks and Billie Porter took the field for a couple of hours Wednesday morning and made a total killing of three ducks and two chickens.

And of course there were many others who didn't report.

Meridian Road Party Here.

State Engineer Lea and a distinguished party of gentlemen closely allied with the Meridian Road project, arrived in the city from White Rock during the noon hour yesterday, and took dinner at the Commercial hotel as the guests of the Sisseton commercial club. Five automobiles loaded with Sisseton business men met the engineer's party 26 miles northeast of this city and escorted them in, and also accompanied them to the south line of the county after dinner. The party of which State Engineer Lea is a member left Winnipeg on the 10th, and will make the entire trip by automobile to Galveston, Tex., over the Meridian highway.

Fined for Violating Game Law.

Edward Cuffe, of Effington, was brought into camp on Tuesday of this week by Game Warden Swanson for hunting without a license, and was fined \$10 and costs. It seems strange that a man will openly violate the game laws of the state when he can get a license to hunt at the small expense of one dollar. The fine and costs paid by Cuffe would keep him in hunting licenses for a good many years, and it should be a lesson to other violators of the game law. Swanson will get you "if you don't watch out."

Democrats Get Together.

The democratic county central committee together with the county and legislative candidates, met at the office of U.S. Commissioner Croal in this city yesterday afternoon and thoroughly discussed the local and national political situation.

Don't fail to see the beautiful display of pattern and novelty hats at Mrs. Olson's, Monday and Tuesday.

The Standard for news.

EFFINGTON.

Mrs. Foltson and her mother Mrs. Enochson were calling at Mrs. F. J. Thorson's, on Tuesday.

H. Hendrickson went to Sisseton, Tuesday, after merchandise, returning Wednesday.

Arthur Monson is visiting relatives in Sisseton, this week.

Bessie Arneson visited Friday and Saturday with Ada Hendrickson.

Our town was full of threshers last Sunday, who were sight-seeing and shopping.

Miss Grace Thorson returned last Saturday to teach the school in P. A. Dahl's district.

Five big automobiles, effectively decorated, drove into Effington, last Wednesday, loaded with prominent Browns Valley men, who were advertising the fair at that place on the 12th, 13th and 14th.

Our creamery closed down last Saturday and will remain closed for a time at least.

Miss Alma Lund is helping Olga Fordahl with threshers, this week.

Fred Wist left last Sunday for his home in the southern part of the state.

Miss Lizzie Harn is staying with Mrs. Thorson a few days this week.

Ada Hendrickson and Lottie Paulson visited at the latter's home near Hankinson, Sunday.

Beatrice Monson visited over Sunday with Rhoda Smith.

Anna Rud helped Mrs. Anton Arneson, a few days this week, serving meals to threshers.

David Johnson entertained a few of his friends Sunday evening, and all who were there report a very enjoyable time.

Ezra Lewis came out from Sisseton to spend Saturday and Sunday with friends.

There are many hay fever-ites in this vicinity. Will someone please suggest a remedy?

A large number of our people took in the show at Sisseton, last Friday.

Mrs. Veeder and daughters Mary and Ruth visited with Mrs. Pugh, last Saturday. Mrs. Veeder looking after her farming interests at the same time.

Word reaches us from Ernest Barnett, who is visiting relatives in the west, that he has had the opportunity of seeing the Yellowstone National Park, and enjoyed it immensely.

Our school will open next Monday, Sept. 16.

ONE ROAD

Tena Johnson is doing housework for Mrs. John Sjogren.

A light shower Monday morning delayed threshing through the forenoon.

Sever Carlson was at Peever Sunday.

Mrs. John McCulluck and sister, Mrs. Olive Myron, were at Sisseton, Thursday.

Peter Iverson, wife and family spent Sunday with relatives at Peever.

Mrs. Haugen, of Sisseton Agency, was a caller at Wist, Monday afternoon.

We are pleased to see James McLeod back again at his post on route 5 and everyone is glad to hear him say he is better.

Mr. and Mrs. P. C. Johnson and children Addie and Homer, accompanied by Minnie Floe, were at Sisseton Saturday. Addie had her eyes examined and fitted to glasses by Dr. Lepler, who pronounced them in serious condition.

We were misinformed with regard to the name of the teacher at Wist, which should have read Miss Rosy Bingen. We hope the young lady won't feel offended with us for changing her name.

Dr. Pearson, of Peever, was called to the Israelson home Saturday, little Frances being very sick.

J. O. Johnson reports having used three pounds of binder twine per acre in harvesting his oats.

The country seems "plum full" of olums. A large percentage

of Uncle Sam's wards is vending them for sale or barter.

Mr. and Mrs. A. E. Hanson are the proud parents of a little son. We are a trifle late in recording the event, but nevertheless the boy has our best wishes.

Henry Gilbertson and daughter Mrs. A. Myron, went to Peever, Tuesday, in quest of the lady's suit case, of which she lost track when coming from Bruno, Minn., over a week ago. Although checked, the train officials were unable to locate it in the baggage car.

August Lindquist threshed 80 bushels of oats per acre on his home farm. Whoever can beat that may have the floor.

Mrs. Annie Wilson is confined to the house with an attack of rheumatism. The services of Dr. Pearson were required last week.

Easton Floe was at Sisseton, Tuesday, for a load of flour for the store.

GRANT

Cole Yonstad was a Browns Valley caller Monday.

Miss Bessie Hart spent Sunday at the home of her uncle in Hart township.

Miss Carrie Boyd is at present employed at Mr. Nogaard's.

Mrs. Kivley has been acting as substitute on route 2, a few days the past week, while the regular carrier was taking in the Minnesota state fair.

J. R. Needham was calling at John Valentine's, Monday.

Mrs. Welch and daughter Agnes spent Sunday at Browns Valley.

Wm. Krone and family spent Sunday at Wm. Nieland's.

The schoolhouse in Dist. No. 4 underwent a thorough cleaning, last Saturday, at the hands of Martha and Freda Nieland and Emma Boyd.

Raymond Negaard hauled lumber from Browns Valley, Monday, for a temporary granary.

School commenced in Dist. No. 2, Monday, with Miss Van Tassel as teacher.

Mrs. J. R. Needham and children were calling on Mrs. Wm. Nieland, Tuesday afternoon.

Martha and Gertrude Nieland were visiting at Mrs. J. Sandman's Saturday evening.

(Last week's items)

School began in Dist. No. 4, on Labor Day, with Miss Bessie Hart as teacher.

J. R. Needham and wife were calling on friends near Effington, Sunday.

Some miscreant stole a watch from A. McCoy, one day last week.

Haying is once more in progress.

A clever social was given at W. S. Boyd's, Saturday evening.

Little Hartwig Oletzke is suffering with a sprained ankle.

A. McCoy was shopping in Sisseton, Saturday.

His Exclusive Costume.

The customer came forward to attend to the nervous old beau who was mopping his bald and shining poll with a big silk handkerchief.

"And what can I do for you?" he asked.

"I want a little help in the way of suggestion," said the old fellow. "I intend going to the French students' masquerade ball tonight, and I want a distinctly original costume—something I may be sure no one else will wear. What would you suggest?"

The costumer looked him over attentively, bowing special notice on the gleaming knob.

"Well, I'll tell you," he said then thoughtfully: "Why don't you sugar your head and go as a pill?"

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