

# World Acreage of Wheat to be Harvested Is Five Millions Greater

## SPOTTED CONDITION IN STATE REVEALED BY U. S. CROP REPORT

Drouth Has Failed Only in Effect on Early Flax, Says

Statistician Kienholz

## HEAT OVERSPEEDS RIPENING

Rains in Southeast and Center Will Help Some and Produce Longer Straw at Least

While drouths in various countries will reduce the production of wheat this year, notably in the north-west of Canada where the crop has failed almost entirely, the acreage to be harvested, from present indications, will be five million acres greater than last year.

According to O. M. Fuller, assistant extension economist at North Dakota Agricultural college, this increase in acreage is reported from 21 countries, while 11 countries of Europe report a total of 56,562,000 acres, an increase of 1.4 per cent over last year.

General showers ranging from light to heavy have occurred in virtually all sections of the state since July 1, says Ben Kienholz, federal crop statistician for North Dakota.

Two stations, however, in the north-west, reported no rainfall to July 15.

Some improvement in crop conditions has occurred in the northeast and for some distance west, particularly of late crops.

The sections most affected by drouth have generally received the least moisture and early grains are drying up, with the exception of early flax, which still looks good. The extreme high temperatures of July 15 and 16 have hastened crop deterioration and forced the ripening of oats and barley.

The most striking fact to an observer is the very spotted condition of crops. Some very good fields are to be seen in the driest sections, and the state, while very poor fields are also present in sections where conditions are considered best.

Rains which have occurred during the past week in the southeast and central territory will do some good in causing a better fill as well as in producing a longer straw, particularly of late sown crops. Generally, additional rains are needed to maintain present crop conditions.

Late flax is poor with stands thin and uneven. A considerable percentage of those fields will probably not be harvested. Rye ranges from poor to good. Some fields have been plowed up. Harvesting of the crop has begun in the southern half of the state. Corn prospects are good, though the crop is backward as compared with last year. In the south-west many fields are from 50 to 75 per cent of a full stand due to cutworm damage.

Pastures and hay crop are dry and short in parts of the state, but up to average where recent rains have occurred. Alfalfa, generally, looks good. A large acreage of sweet clover is being cut for hay.

Rains in the Red River valley, where the commercial potato acreage is concentrated, have been of great benefit to the crop.

Virtually no reports of rust have been received recently. Weather conditions are unfavorable for its development to a point where damage will result.

With an increase in carry-over from last year's crop the storage of

## SIDE GLANCES - - - By George Clark



"Oh, your brother will probably make out all right. Who'd have guessed a year ago that I'd be a druggist?"

wheat at terminal elevators has materially increased, states Mr. Fuller in Circular No. 88, Wheat—Situation, Farm Storage and Feeding Value. This circular may be obtained free by writing the publications department of the college.

The latter part of this circular covers farm storage of wheat, by R. W. Oberlin, agricultural engineer, and R. C. Miller, associate professor of agricultural engineering at the college. In another part of the circular, F. W. Christensen, professor of animal nutrition, discusses the value of wheat as a feed for livestock.

COLLEGE FALL TERM OPENS SEPTEMBER 20

Registration Starts on That Date and Classes Assemble on September 25

Fargo, N. D., July 25.—Early registration for the fall term at the North Dakota Agricultural college will begin Friday, Sept. 20, and continue through September 24, according to A. H. Parrott, registrar. It is anticipated that more than 1,500 regular college students will be registered, and that the largest freshman class in the history of the institution will assemble at the opening of the college year.

On September 20 and 21 freshmen and upper class residents of Fargo and Moorhead will be registered, while on September 23 and 24 registration of college high school and other upper class students will be held. All classes will assemble for the fall term September 25. September 23, to 24 has been set aside as dates for the freshman orientation program.

Due to the appropriations by the state legislature for new wings to the science and agricultural halls, ample room will be provided for classes. These new wings will be completed in time for the opening of the fall term.

**HOMEMAKERS TO PICNIC**  
Stanley, July 25.—Monday, Aug. 5, promises to be a red-letter day for the Homemakers of Mountrail county. This is going to be their annual achievement day and picnic, and is to be held in the Sanish tourist park. Every Homemaker in the county is expected to attend and to bring their families and at least one guest.

## OUT OUR WAY



A BIG LEAD.

## DUCKFOOT FAVORED AS SUMMER FALLOW DEVICE FOR WHEAT

Dickinson Substation Gets Better Yield Than on Land Plowed and Weeded

The use of the duckfoot cultivator for summerfallowing is recommended by Leroy Moomaw, superintendent of Dickinson substation, according to word received at the North Dakota Agricultural experiment station. His recommendation is based on experiments which have been carried on during recent years at Dickinson substation.

In 1928 the duckfoot method gave better results than the land plowed. Land which was followed by the duckfoot only and had not been plowed since 1923, actually produced a higher yield of wheat than land which was plowed in 1927 and during the balance of the season kept free of weeds by use of the duckfoot.

If no cultivation has yet been given the land which one expects to follow this season, it may be necessary to plow the soil, says Mr. Moomaw. For best results with the duckfoot the first tillage should be given about May 15 or earlier. The new type of implement known as the one-way disk is good for the first time over the land with a heavy stubble, or where weeds have a start, but this implement requires about twice as much power as the duckfoot.

Since the duckfoot method is considerably cheaper Mr. Moomaw strongly recommends its use. If the work can be done before the weeds become too high and when the soil is dry, he believes the duckfoot is the only implement necessary.

When the soil is excessively packed, infested with grass, stony or containing sloughs with tough rooted perennials, the use of a plow to summerfallow is advisable. There is also the possibility that occasional plowing may be necessary with continued use of the duckfoot over a series of years.

## Plenty of Fresh Water Best Summer Feed to Give Young Chicks

"Plenty of fresh, cool water is the cheapest summer feed for chicks," according to Geo. P. Gooden, instructor in poultry husbandry, North Dakota Agricultural college. "It is inseparably allied with economical summer growth."

Place the water fountain in a cool, shady place. Do not set them out in the glaring sun and expect the chicks to enjoy the water in them, especially if it is a few days old. Rinse out and fill the fountains every day, or even twice a day, and supply a sufficient number of water dishes so they will not all be dry in a few hours. Do not expect or permit the chicks to run to stagnant pools, creeks or irrigation ditches for their drinking water.

## College Builds Bee House to Experiment on Honey Production

A bee-house has recently been completed at the North Dakota Agricultural college in order to facilitate the experiments in honey production, according to Prof. J. A. Munro, entomologist. It is constructed of wood frame and siding, measures 16 by 32 feet, and has a full concrete floor. In addition to the honey house, it occupies three-fourths of the building, is the insectary, which will be used to study the life histories of insects. The portion used for the insectary is screened in so as to keep the temperature within practically the same as outdoors. The spray of the North Dakota agricultural experiment station is located east of the bee-house.

It takes less than a minute to dissolve the marriage bonds of a Kurd in the eastern part of Turkey. The man simply says "I divorce you" three times and the parties are free.

## State Agricultural College to Publish Students' Handbook

Fargo, N. D., July 25.—A handbook containing the general business rules and regulations of the North Dakota Agricultural college will be issued to students before they register for the fall term, it was announced by A. H. Parrott, registrar at the college.

The handbook will contain a complete statement of the registration process; eligibility for student activities, as athletics, fraternities and societies; classification and definition of academic units, grades, and the adviser system. Social regulations, residence in dormitories and private homes will be included also.

Other interesting parts of the book include student traditions, student publications, and the more generally used college songs and yells. The handbook will also contain scholarships and loan funds and medical service information.

## No. Dakota Potato Is Topic of Bulletin On Certified Seed

Distant buyers of potatoes are interested in the quality of seed for which they contract, and particularly in its freedom from disease, according to Dean H. L. Bolley, pure seed commissioner, North Dakota Agricultural college. North Dakota growers and commercial buyers are also interested that there be careful inspection and certification of potatoes. To satisfy this demand North Dakota has established official registration and certification work under the supervision of the pure seed laboratory.

A recent revision of circular 21, "Potatoes, Registration and Certification Seed in North Dakota," is now available at the publications department of the college. In the circular are all the rules, requirements and essential steps for a grower of potatoes to procure registration and certification of his crop.

## Range Chicks Require Plenty of Roost Room

Adequate roosting room is essential to the proper development of chicks on range, according to Geo. P. Gooden, instructor in poultry, North Dakota Agricultural college. Chicks that are crowded at night are overworked and weakened. From four to six inches of roost space should be allowed to each bird. If there are too many birds for the size of the colony houses summer shelters should be built. A summer shelter consists of a roof, sides and door covered with wire and with roosts on the inside running from end to end. They provide shelter from storms and predatory animals, and can easily be moved to any desired location.

## LIBRARIAN TO TOUR

Fargo, N. D., July 25.—Miss Bertha Stuckey, librarian at the North Dakota Agricultural college library, left Saturday, July 20, for Beloit, Wis., and thence for a tour through the New England states.

From Beloit Miss Stuckey will be accompanied by her brother and sister-in-law, Rev. and Mrs. George Stuckey, and their two children. The trip will be made by car, and all the principal cities as well as historical places in New England will be included in the itinerary.

## COLLEGE EDITOR GETS HONOR

Fargo, N. D., July 25.—That the agricultural college editors of the United States appreciate North Dakota's part in bull, circular and press service is indicated by their recent election of W. C. Palmer, director of publications at the North Dakota Agricultural college, as vice president of the American Association of Agricultural College Editors. The annual convention was held recently at Durham, N. C.

## AT THE MOVIES

**PALACE THEATRE, MANDAN**  
The First Lady of Broadway announces that she has contracted to run a "trans-continental night club train" from Grand Central Station to Los Angeles. The story will be known as the Whoopee Special, which will have everything that Tex's Salon Royal had, and then some, according to Tex.

**CAPITOL THEATRE**  
Rising to a tremendous climax that will make most fans gasp, "The Flying Fool," Pathe's all-talking air drama starring William Boyd, is said to be one of the most thrilling and entertaining pictures produced this season. Although the story has an aviation background and though it reaches a great dramatic crescendo with a scene in the air it is not entirely an air story. It is a human drama, which combines pathos and comedy, played by a cast of capable actors and moulded into fine entertainment.

In his role of the Flying Fool, Mr. Boyd is seen as a devil-may-care stunt flyer whose weakness is women. They have been his chief diversion since the days in France when he was an American ace, but he has never fallen in love. His motto is "find 'em, fool 'em and forget 'em!"

Tom O'Brien, playing a blustering, bullying aviator who gets licked plenty for his trouble, demonstrates that he is master of this type of role. Russell Gleason has a fine character part. Others in the cast of "The Flying Fool" which comes to the Capitol theatre tonight are Dan Wolheim, Kate Bruce and Dorothy Ward, they Garnett directed.

The irrigable area in 1927 of the project built by the government was 1,800,000 acres, an increase of 119,000 over that of 1926.

## The SHINING TALENT

By ELEANOR EARLY

THIS HAS HAPPENED  
MOLLY BURNHAM, engaged to JACK WELLS, has inherited \$10,000. Molly has just graduated from college, and upon learning the news, she gives a party that is both a celebration and a farewell, because commencement is over and the girls are preparing to leave.

Jack Wells, whom Molly loves with her heart, is a draftsman in an architect's office. Jack is handsome and a Harvard man. He loves Molly devotedly but has no money at all. Nothing but an uncertain future, and a heart full of love. Molly is willing to be married at once and face poverty together. But Jack is a practical young man and insists upon waiting.

He is in New Hampshire just now, seeking contact with rich old BILLINGS, the wool king, who is planning to build a model village for his employees.

After the party, RITA MELNOTTE, Molly's particular friend, asks her to spend the night with her. It is their last night in the dormitory. Rita tells Molly that she has something important to tell her. Molly has begun to feel decidedly uncomfortable about celebrating the death of the poor old aunt from whom she has inherited her \$10,000. After her guests go, she joins Rita in her room.

Now GO ON WITH THE STORY  
CHAPTER IV  
"So you got rid of 'em," observed Rita.

She propped herself up on a satin pillow of Chinese blue, and scuffed her cigarette in a cloisonne dish. "Ten parties always give me a pain. Twenty girls chattering about what they'd do if they had \$10,000, and not one of them with brains or gumption enough to go out and earn it! Money's responsible for all the misery and all the joy there is. You can't be happy with it, and you can't be happy without it."

"If wonder," she mused, "if anybody is ever happy. Except transiently, I mean. You know, Molly, a man and girl ought to be happy, if they love each other and are married. The Lord knows I love Bob. But I haven't brought him anything but misery. What do you think, Molly? Do you know anybody who's really happy?"

"Yes," Molly replied quickly. "My father and mother. I think they're that absolutely happy. And I'm happy, too. Oh, not perfectly contented, of course. I don't suppose joy is ever altogether satisfied. We want too many things. But when you get older, and you have the things you've been dreaming about, why then you're happy."

"And you think your mother and father have captured all the dreams of their youth?" Rita's full red lips twisted cynically.

"Well, of course they're awfully simple people," Molly flushed a little. "They're the salt of the earth, and pillars of respectability. We own our little house. And Dad has a car, and he keeps hens. And mother has a lovely flower garden, and a vegetable garden. And they've got a radio. And they go to the movies every Tuesday and every Saturday. My parents are exactly the sort of people that Mencken makes fun of."

Rita smiled. "I wonder if Mencken is happy," she said. "I don't think intellectual people are ever happy," observed Molly. "But my goodness, I should think you'd be happy, Rita. I know if I was married to Jack, I'd be awfully happy."

"That's what you think," interrupted Rita drily. "Well, my dear, I thought when I got married, I was going to be happy, too. And nature"

jected Rita bitterly. "That's my tragedy. I don't want to be a fool. Now don't be a little fool and get sore because I've tried to save you a fall, my dear. Just keep your mind on that \$10,000, that's all."

Molly had telegraphed Jack about her legacy, and he wired rather formal congratulations, adding that he would be out the next night to take her to dinner, and asking her to meet him at the station.

She greeted him gaily. "Isn't it wonderful, Sweetheart! Now we can get married!"

"Get married?" he repeated. "Say, how do you get that way?" "What do you think I am?"

It was a wretched beginning, and so it turned out, as such things do, to be a wretched evening. They walked up the street in silence, and when they reached the wooded path that led to the inn, Molly shrugged away from his hand on her arm. Suddenly she turned.

"Oh, jolly, Jack, I forgot to ask about Ted Billings! Did you see him?"

"Oh, shook his head. 'The biggest chance of my life, Molly, and you forget to ask me about it.'"

"Oh, I hadn't, Jack! I've been praying for it."

It might be more tactful, she thought, to ask no questions. And so, presently, to change the subject, she was talking again about her legacy.

"I'm going to take a room," she announced, "and look for a job. I couldn't do that when I didn't have any money, because I knew Dad would stop my allowance. But now that I've funds of my own, it's different. Then we can pool our incomes and get married."

"What do you think I am?" he interrupted unreasonably. "A squaw?"

Molly shrugged coolly. "Rita said something last night," she observed, and I guess she was right."

"Rita's a nut," he pronounced. "I guess she knew what she was talking about," defended Molly. "She said that loads of men refuse to consider their wives' earning power from an economic point of view."

"Oh, Rita and her modern talk!" she scoffed. "Anyhow, if men are like that, you're going to do as she says? Love is like that, too. I've tried to tell you how a man who loves a girl feels about it. How he wants to take care of her. . . . But you won't understand."

"Oh, I understand all right," insisted Molly. "Only I think it's awfully silly. And, listen, Jack—I've been thinking things over. You don't want to marry me now, and I don't see any reason why I should be perfectly miserable for a whole year, and then you'll get bored with me much longer, just waiting for you. The Dean sent for me the other day, and she said the most wonderful things. She even offered me a position."

"Well, I wouldn't even think of accepting," Molly's voice broke. "I loved you so!" she choked around. "I didn't want anything in the world but just to marry you. Only now . . . you've been so funny and hateful . . . and you won't do anything at all I want you to do. Well, I'm going to get a job—that's what I'm going to do! I'll just show you!"

"What will your father and mother have to say?" he asked quietly. "They expect you home, Molly. They'll be proud to see you broken up if you disappoint them."

"I don't care!" she cried. "I can't help it. I guess I've a right to live my own life!"

They were quiet for a few minutes.

"Anyhow," she announced, "I'm going to stay with Rita and make up my mind about things. I'll write the family tonight."

"Where are you going to stay?" he asked. "Aren't the dormitories closed?"

"Well, I've money enough to stay here at the inn if I want," she told him.

"Yes," he said, "I guess you have. Money's a great thing, isn't it, Molly dear?"

"Oh, pay the check," she retorted, "and come on."

She slipped her arm through his, as they sauntered slowly down the drive, their young hearts heavy as lead.

"Darling," she said, "We never quarrel when we can touch each other. It's only when we've a table or something between us. Or when we're in the middle of the street, or there are a million people around. I wonder if you'd love me, if you couldn't ever take me in your arms. I wonder if I'd love you, if you weren't to kiss me any more."

"Silly!" he chided.

"I'm staying at the dormitory one more night," she told him. "You'll have time to walk up with me before your train goes."

When they said goodbye she clung to him. And he held her as though he could never let her go.

"Remember what you said the other night about premonitions, Molly?"

"Sh!" she laid her fingers on his lips.

They clung to each other in a sort of ecstatic misery. And when Molly had gone up the steps, Jack drew a small box from his pocket. He opened it, and the moon shone on a little solitaire. A sparkling little solitaire.

In the store it looked large and very bright and beautiful. Now it looked little and cheap. He snook his head mournfully, and slipped it back in his pocket.

At that night Molly cried herself to sleep.

Next morning she would look for work with Rita.

(To Be Continued)

**ANOTHER CLOTHING CLUB**  
Stanley, July 25.—Another 4-H clothing club has been organized southwest of Coulee through the efforts of Miss Jessie Chas. Chas. leader. It is having a meeting every week until it catches up on the week. Officers of this club are Mildred Easley, president, and Dorothy Ott, secretary.

**SUMMER SCHOOL CLOSED**  
Fargo, N. Dak., July 25.—July 25 marked the termination of a six-weeks summer school session at the North Dakota Agricultural college. Students who were enrolled studied courses along agricultural lines, general sciences, education, manual arts, mathematics, modern languages, physical training, public discussion and the social and economic sciences.

## Daily Cross-word Puzzle

**ACROSS**

1. Pen
2. Consumptive
3. Kopeck
4. Also
5. Entwine
6. Open court
7. Flinch
8. Whirl into line
9. Fish
10. Indislect
11. Slender course
12. Basis of an
13. Common verb
14. Contain lake
15. German waltzing place
16. Chord of three
17. Nothing
18. Ardent affection
19. Fish
20. Black cat
21. Surrounding animal
22. Room
23. East Indian
24. Frolicked a
25. Dead
26. Lure
27. Clear profit
28. Part of the
29. Wrought
30. This evening
31. Black cat
32. Correlative of neither
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