

GRAIN CERTIFICATION WORK IN UMATILLA COUNTY ALREADY HAS PRODUCED EXCELLENT RESULTS

Indiscriminate Growing of Mixed Varieties of Grain Checked by Plan Taken Up Through Influence of O. A. C. Professors

G. R. Hystop, Farm Crop Specialist, Oregon Experiment Station, striking example of the good results that may be obtained from grain certification is found in west Umatilla county.

In the fall of 1915, the only field of Turkey Red wheat that came to our attention was that of C. A. Moll, of Umatilla. The wheat had been recommended for that section for some time. Results that Mr. Moll secured that amply justified the recommendation. His wheat passed the certification requirement and it is interesting to note that since that time a very large acreage of Turkey Red wheat has been developed in that country and it is steadily increasing. Some new certified seed from the farm of A. S. Roberts of The Dalles was introduced by Ed Bennion, county agent, and has distributed much to the enlarged area.

O. A. C. Begins Work
Grain certification was started in Northwest by the Oregon Agricultural College. The year 1921 comes the fourth season for it in Oregon. The need for the standardization of grain varieties and for establishing sources of seed was noted for a number of years but the seed report service, instituted by the College and the United States Department of Agriculture during the fall of 1917, particularly emphasized it.

A survey of the state at that time revealed that there were at least 57 varieties of wheat commercially grown that had been extended by later immigration to 61 varieties. Think of 61 commercially grown wheats in the state. Most of them are poor ones.

With this large number of varieties, majority of which are not good ones, many people in different communities were somewhat confused as to the best type to grow.

In other instances, there were people who were ready to use the best variety but who were at a loss to know how to get the best seed.

Demand for Seed
The most important factor that led to the seed certification campaign was the fact that so much of the wheat that is marketed out of the state is graded as "mixed wheat" and this could readily be expected to have a low yield. There are so many varieties being grown indiscriminately and there are many opportunities for mixtures as shipping machines travel from place to place.

Many people believe they should get seed from outside sources, thinking that it is better than the seed here. Even County Agents are not immune but where no good seed is locally available and seed is fully chosen it is a good thing. In many large number of cases, the seed brought in from outside was mixed and frequently not of as good quality as home-grown seed with a resultant loss both in yield and quality.

With these things in view a certification program was started: first, to secure sources of pure seed in as many communities as possible; second, to engage the use of the best varieties in each community; third, to increase where there was a strong desire to grow a certain variety regard-

less of its yielding quality to provide sources of seed for those communities that would not result in a lower price because of mixed wheat; fourth, to avoid loss by the securing of seed infested with disease; fifth, to secure a premium for good seed.

Work Began 1918
In the summer of 1918, the first certification work with grain was started. Since that time, there has been a steadily increasing demand for certification work with the following results:

First, many carloads of certified seed have been sold within the state and some has been shipped outside of the state at a premium. This was a source of direct financial gain to the producers of the seed of good quality; second, sources of seed of good variety and practically free from mixture and serious disease have been established in several counties. It has assisted materially in the standardization of the grain of these communities.

In the fall of 1920, County Agent L. A. Hunt, of Morrow County, traveled with the writer 130 miles in one section one day and was able to pass only 40 acres of class "B".

Increases to 1200
In the fall of 1921 in this same area, there were passed 1,200 acres of class "A" wheat. The certification work of this year has shown that as the result of the previous work there has been a large increase in the area of Turkey Red wheat in the lighter sections of Morrow County. The Turkey Red in Sherman County is more completely occupying the cultivated land of the county; it is becoming better established in the drier sections of Wasco County and in Umatilla County.

Certified Hybrid 128 occupies a large part of the intermediate type of land in Umatilla county, the dry land area producing Turkey Red, and intermediate Hybrid 128 and the Jenkins Club being still grown to a considerable extent on the heavier and higher lands where there is more rainfall.

The Agricultural College, in carrying out this certification program, has emphasized those varieties which the Experiment Stations have proved best. This, together with observations in fields all over the wheat growing districts of the state, make possible the recommendations of varieties for different localities that are likely to produce the biggest yield per acre.

Varieties To Be Fewer
It is thought with continuation of the certification program that the wheat of Eastern Oregon will be standardized along the production of a few varieties; namely, Turkey Red and Hybrid 128 as winter wheat for both irrigated and dry conditions; Federation and Hard Federation as spring wheat for the irrigated and for dry conditions. It may be that Jenkins Club and Red Chaff Club will be produced in some sections for a number of years yet and it is also possible that Marquis will still retain a position in the irrigation fields of Eastern Oregon. A new variety that is attracting some attention is Triplet. Unless it demonstrates its capability as a yielder of a good many more bushels per acre than Turkey, it is probable that it will not find a place in the permanent

Off to Feed Starving Russians



Col. William Haskell, chief of the American Relief Administration's mission to Russia, snapped as he sailed from New York to take charge of the feeding of Russia's starving people. He was accompanied to Europe by his wife and their little daughter.

agriculture of Eastern Oregon. Forty-fold, a splendid variety in a good many sections, will probably be developed very largely by Turkey Red and Hybrid 128, although some of the New Forty Fold developed by the Eastern Oregon Experiment Station at Union has given very good results. With the standardization of the wheat of Eastern Oregon on some four to six or seven varieties there is no question in the mind of the writer that there will be a resultant increase in the average yield per acre of the Eastern Oregon districts that will be noted on from two to, in some sections as much as five bushels per acre. And there will be less loss from mixed wheat.

The time for the growing of certified seed wheat with the idea of shipping it outside the state is largely past, except with newly introduced varieties that show a great deal of promise. There will be for some time a necessity for a continuation of the certification work in order to establish in every wheat growing community of Eastern Oregon good local sources of pure seed of the right variety in that community.

HORSE PLAYS GOAT AND DEVOURS ALL EVIDENCE

(By International News Service)
MEXICO CITY, Mex.—A billygoat didn't eat the evidence because there isn't any billygoat at police headquarters here. So it was blamed upon a horse.

The motor car in which General Jose Alessio Robles was riding when he was shot and killed, it is charged, by General Jacinto S. Trevino and three companions was moved to the court yard at police headquarters after the tragedy with the Trevino automobile. Both were important pieces of evidence, as bullet holes in the machine told a story of the murder which would have had much to do with the fate of General Trevino and his companions.

The Alessio Robles car, with its bullet-torn top, was particularly important. But this evidence was eaten. The police think the top of the motor car satisfied the appetite of a hungry horse.

POET FINDS SOFTEST JOB IN ENTIRE WORLD

(By International News Service)
CHICAGO—Discovered—the world's softest job.

Robert Frost, New England poet, has it. All he has to do is to live in Ann Arbor, Mich., and let his artistic influence flow out over the campus and through the academic corridors of the University of Michigan.

For this he receives \$5,000 a year. And he doesn't have to instruct a single class in the art of making "blue" and "you" rhyme, with the correct number of feet to a line.

According to an announcement by Dr. Marion Leroy Burton, president of the university, Mr. Frost was retained as the beginning of a plan to spread culture among the students through the medium of personal contact rather than by classroom instruction.

"The student body will benefit immeasurably merely by contact with a great and loving personality," said Dr. Burton. "We desire only that the artist shall be merely a human being. This time we have chosen a poet. He will come to live here in September and remain for a year. Next time we may select a sculptor, a painter or a scholar. A gift of \$5,000 from former Governor Chase S. Osborn has made the poet's visit possible."

The new venture has created a sensation in academic circles here. Following are a few opinions expressed by Chicago educators.

"The experiment represents an interesting return to the patronage system of artists which broke down about one hundred and fifty years ago. It will be a great thing for Michigan."—Dean P. H. Boynton of the University of Chicago.

"I think it would do the institution more good if the poet would give instruction in the form of regular class work. Class work offers unparalleled opportunity for personal contact and influence with the students."—Prof. C. H. Judd, Chicago University.

"It would be a great stroke of genius if universities would adopt this as a definite policy. Many men are hindered by classes. It's only a scholarship plan for professors instead of students."—Prof. C. E. Tausch, of Northwestern University.

HOW OLD IS SUSIE?
AKRON, O.—This is a case of how old is Susie, not Ann.

Susie Dutka came to court to get a license to wed Steve Topokapac. She didn't look old enough when she said she was eighteen so the court refused to grant the license. Then her father was sent for. He said she was sixteen, but Susie said:

"When he wanted me to work I was eighteen, but if I am eighteen when I work, I'm eighteen when I marry." Meanwhile the juvenile court seeks the solution to how old is Susie?

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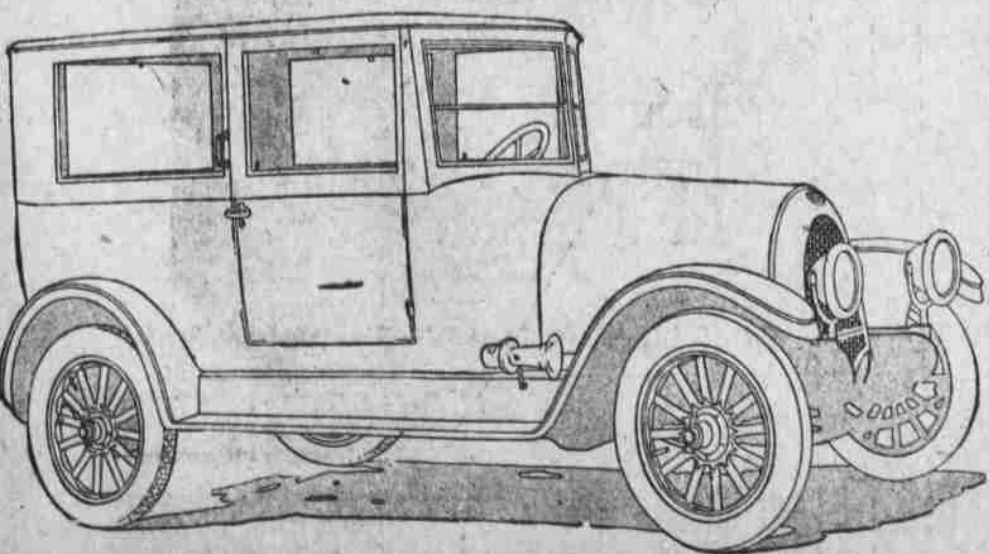
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