

HYBRID WHEAT IS DESCRIBED

PROF. HUNTER TELLS OF
NEW FOUND VARIETIES.

Washington State College Makes Success of Its Extensive Experiments in Wheat Propagation—Good Yield on Old Land and Strong Flour Making Properties—Old Varieties Are Improved Upon.

The East Oregonian has just received the following interesting letter from Prof. Byron Hunter, assistant agriculturist in charge of farm management investigations in Oregon, Washington and Idaho, concerning the new varieties of hybrid wheat propagated at the Washington State college:

Walla Walla, Sept. 15.—(To the Editor.)—Through your valuable paper I wish to call the attention of my farmer friends to the merits of the new hybrid wheats propagated by our state experiment station at Pullman, Wash. When I was a student at the state college some 10 or 12 years ago Prof. W. J. Spillman, then head of the department of agriculture, saw the necessity of introducing into eastern Washington varieties of wheat that are better adapted to agricultural conditions and methods of harvesting than ordinary standard varieties that were grown at that time, possessed.

After failing to get what he wanted by testing varieties, he turned his attention to hybridization, or crossing the standard varieties. He wanted a true winter wheat that would stand the winters.

He further wanted a variety with a stiff straw and a head that would not shatter. By making the proper selections for his crosses he took parent plants or varieties both of which combined possessed all of these characteristics.

It was also hoped that by making these crosses the ability to yield well would be increased. After getting the work well started, Prof. Spillman left the college and went into the United States department of agriculture. Since his departure from the state the wheat breeding work has been carried on under the able direction of Prof. E. E. Elliott.

During the last four years Prof. Claud Lawrence has looked after every detail of the work. It has required 10 years of patient careful work on the part of the station to propagate, perfect and test these new wheats. The station staff now have a right to assert that it knows the value of what it is distributing to the farmers.

New Hybrid Wheats.

The new varieties to which I wish to call special attention, are the following:

Hybrid No. 128, a cross between Winter Fife and Little Club.
Hybrid No. 123, a cross between Winter Fife and Little Club.

Hybrid No. 143, a cross between White Track and Little Club.
Hybrid No. 63, a cross between Turkey Red and Little Club.
All of these new wheats have the Little Club shaped head and do not shatter easily. They are all true winter wheats and are said to be as hardy as the Red Russian. They all have stiff straw with the exception of No. 63, its straw being intermediate between that of Little Club and Turkey Red, the parent varieties. No. 128 has a white kernel or berry and grades as club wheat, while that of No. 123 is similar in color to Winter Fife.

These wheats have been grown by the farmers for two years and it is upon the reports of the farmers that we base our opinion as to their worth. I am just in receipt of a letter from H. H. Curtis of Pullman, Wash., that shows the comparative yield of No. 128 and some of the standard wheats grown in his neighborhood. Mr. Curtis writes as follows:

"Answering your letter regarding the yield of No. 128 hybrid (Jones Fife and Little Club cross) wheat, will say that I certainly consider it a superior wheat to the old standard varieties. My Hybrid No. 128 on the Thompson place, 77 acres, made 43 bushels per acre, while by Red Russian on my home place made 37 bushels. The ground on my home place was in better condition than that on the Thompson place.

"George Miller, east of Albion, Wash., sowed last fall Forty-fold, Red Russian and 158 acres of No. 128. The Red Russian made 27 bushels, the Forty-fold 30 bushels and No. 128 40 bushels per acre under the same conditions. Mr. Peterson, six miles northwest of Pullman, sowed Forty-fold and No. 128. The Forty-fold made 40 bushels and No. 128 50 bushels per acre.

"Regarding smut, will say that I had very little smut this year. If it is thoroughly treated the smut will not bother. My wheat is No. 1 and tested 60 and 61 pounds. It sells on the market the same as club, but mills that have made a test of it claim that it is a little better than club, but not as good as bluestem.

"Since receiving your letter will say that I have consulted Prof. Severance regarding No. 128 for the Athena and Weston section of the country and he thinks that it will be well adapted there. I lived there for eight years and know that the club types do well and can see no possible reason why No. 128 would not make an excellent yield there.

"Considering that this is only the second year that this wheat has been grown in any quantity and that I alone have sold 1000 bushels for seed, gives you an idea what the people here think of it."

Wood's Liver Medicine in liquor form for malaria, chills and fever, regulates the liver, kidneys and bladder, brings quick relief to biliousness, sick headache, constipation. Pleasant to take. The 11 bottle contains 24 times quantity of the 50c size. First dose brings relief. A. C. Koepfen & Bros.

FIVE BRIDES-TO-BE GET ARBUCKLE'S MONEY.

New York, Sept. 15.—There will be great doings today aboard the floating hotel, Jacob Stambler, and as a result John Arbuckle, coffee and sugar magnate, will be \$500 poorer.

Mr. Arbuckle will present a \$100 bill to each of five young couples who will today enter upon the troubled seas of matrimony from the deck of the aquatic hostelry. All of the brides-to-be and bridegrooms-elect are 2.50 a week guests of the deep sea caravansary, where worthy people are boarded at cost by Mr. Arbuckle. And each bride will bring a dowry of \$100 to her husband, which is where Mr. Arbuckle comes in.

If one of his young women guests marry one of his young men guests on board, and if she has qualified for matrimony by taking a course of cooking and plain and fancy washing and ironing, then the coffee and sugar merchant contributes \$100 as a wedding present.

Y. M. C. A. AT U. OF O. WILL HELP STUDENTS.

University of Oregon, Eugene, Sept. 15.—(Special.)—The Y. M. C. A. of the University of Oregon has devised a novel and effective method for assisting new students to find boarding and rooming places. They will erect a large tent near the depot where headquarters will be established and full information kept in regard to all boarding houses.

A large Oregon banner is to be placed above the entrance, and all of the assistants, of whom there will be 12 or 15, will also wear the Oregon colors.

They expect all students to make the tent headquarters and to leave suitcases and parcels there until rooms are found.

During the four or five days in which students are arriving in greatest numbers a sufficiently large number of helpers will be on hand to show them the best boarding places. The number of rooms available this year, both for men and women, is much larger than usual.

Cheaper Gas in British City.

Consul Albert Halstead writes that the recommendations of the gas committee of the Birmingham city council for a reduction in the price of gas in that English municipality will undoubtedly be adopted. With the discount for cash, consumers who use less than 50,000 cubic feet per quarter will pay about 53.34 cents per 1000, while the price for power purposes will be about 36½ cents per 1000. There are 57,000 automatic (penny-in-the-slot) gas meters in use in Birmingham, and to these consumers 42,000 cooking stoves have been issued.

If you see it in the East Oregonian, it's so.

You Can't Cure Constipation

By taking purgatives, salts, or other drugs that act harshly or violently upon the stomach or bowels. Ask any doctor, and he will tell you that purgatives of any character distend the bowels and weaken the elastic tissue.

To cure constipation, remove the cause. The cause of constipation is indigestion. If your food digested properly it would continue on from the stomach through the bowels and would be eliminated without effort and with regularity.

Mi-o-na tablets cure constipation by curing your indigestion. It is not a purgative. It is a stomach tonic and more—it tones up, strengthens, invigorates, refreshes and injects new life into the form out muscles of the stomach, and in a short time makes the stomach hardy enough to digest anything you eat. It is a powerful yet harmless stomach tonic, and its restless influence on the stomach is astonishing.

Try Mi-o-na for constipation. One box will cure you of indigestion; two boxes will relieve you of constipation; and best of all, Mi-o-na is such an economical remedy. A large box only costs 50 cents, and then, if you are not satisfied with results Tallman & Co., the druggists, will give you your money back.

Mi-o-na cures all stomach disorders whether acute or chronic, such as dyspepsia, vomiting, over-indulgence of the night before, sea or car sickness, stomach sickness of prospective mothers, etc.

Read this from the president of a New York corporation:

"I have been a terrible sufferer from dyspepsia and gastritis for two years. The most eminent physicians prescribed for me with no effect. I have been absolutely cured by your Mi-o-na tablets. The first one gave me a relief almost incredible. Very gratefully yours, Herbert H. Taylor, 501 West 143d street, New York city."

TWO MINORITY PARTIES BALK AT RECORDER FEES

Neither the prohibitionists nor the socialists have yet filed with the county recorder the nominations for office which they slated at their respective meetings which were both held last Tuesday, the idea being that they dispute the right of the recorder to charge the fees which he states are not allowed under the law, says a Yakima item.

In the case of the cold war people the matter will be taken up immediately by letter with the state committee, whose office is in Seattle, and advice will probably be received from there in the course of a few days as to what course to pursue.

The socialists are so few in number, comparatively speaking, and so deficient in wealth, generally speaking, that the payment of the fees would mean a great deal to them, and as they claim that they have beaten the case in three counties already, Stevens, Whatcom and Thurston, by taking it to the courts, it is understood that they have hopes of doing the same here by the same means.

The fees are arranged on a sort of sliding scale, depending on the salary attached to the several positions, and run all the way from \$10 to \$19 in each case. Just when decisive action will be taken in their instance is not known.

PORTLAND'S ACTIVITY MAKES GOOD READING.

The largest grain fleet ever assembled on the Columbia river for September loading is now receiving cargo at Portland, says the Oregonian.

The largest grain dock in the world is nearing completion in this city, and the largest packing house plant west of the Rocky mountains is well under way in this city.

The amount of railroad mileage now under construction or definitely planned for early construction in the state is the largest in the history of Portland. The wheat crop has been exceeded in size in the past years, but in no former season has there been such a large amount of the crop of the three states tributary to Portland as at this time.

The building permits for the remainder of the year promise to break all former records, and real estate transfers will make a similar good showing. These are a few of the principal reasons why Portlanders are wearing "the smile that won't come off."

LA GRANDE WILL SELL CITY BOND ISSUE

The city of La Grande has an advertisement in New York's financial publications asking for bids for the purchase of \$160,000 bonds, the proceeds from the sale of which are to be used in the construction of an improved water system for the city with Beaver Creek as the source of supply, says the La Grande Star. The bonds are of the 10-20 class and they must not be sold at less than their face value. The date on which the bids are to be opened is October 7.

This procedure is in anticipation of the adoption of a new charter which is supposed to make such a sale of bonds acceptable to purchasers. The proposed charter has already been approved by the city council, but it must yet be submitted to a vote of the people. A special election for this purpose is to be held on the 24th of November.

WANTS MORE LITERATURE IN PUBLIC SCHOOLS.

We believe too little importance is attached to the literary features of our schools, says the Goldenstate Sentinel. Eternally cramming heads with numbers and historical dates is quite too paramount with many. True, we must learn to "calculate," but it does not require an entire school life to make a calculator, and the person that launches forth with

SIMPLY AS AN INVESTMENT

If You Don't Want to Farm

Canadian Pacific Wheat Land at
\$12, \$15 and \$18 Per Acre,
On Eight Year's Time at Six
Per Cent, Will Make You Rich.

Pay \$500 on a half section or \$1,000 on a section and let it lie for a year. It will return at least three hundred per cent on Your Investment.

Raw Land has advanced from \$5 to \$8 per acre in the past year and will do better this year on account of the enormous crops and thousands of settlers coming in.

Take advantage of the settler's rate and see Alberta, anyway.

JONATHAN JOHNSTON

Agent, Canadian Pacific Wheat and Irrigated Lands.

BOWMAN HOTEL

See the Twin-Dime Across the Street.

THE NEW DIME

Moving Pictures Like Life

Entire change of Program every Sunday, Tuesday and Friday.

Absolutely fire-proof and the best ventilated theatre in the city.

A Better Show at the Same Price

ADULTS 10c

CHILDREN 5c

New Picture THEATRE

NOW OPEN

J. P. MEDRNACH, Proprietor

Change of Program
Tuesday, Friday and Sunday.

Absolutely New Pictures.

Johnson's Orchestra will Play Evenings.

Best Picture Machine Made.

SHOWS AFTERNOONS AND EVENINGS.

Adults 10c, Children 6 to 10 years 5c,
Children under 6 years, free.

City Property for Sale

Building lots from	\$300 to \$1000
Five-room dwelling, one lot.....	\$1400.00
Two lots and dwelling, chicken fencing and house.....	\$800.00
Seven-room dwelling and two lots	\$2000.00
Five room dwelling, barn and four lots	\$1500.00

A home in any part of the city.

FRANK B. CLOPTON & CO.
112 E. Court St., Pendleton, Ore.

DON'T BLAME HER



For she cannot help it. Women are often cross, irritable, hysterical, and declare they are driven to distraction at the slightest provocation.

Men cannot understand why this should be so. To them it is a mystery because in nine times out of ten this condition is caused by a serious feminine derangement.

A remedy is necessary which acts directly upon the organs afflicted, restoring a healthy normal condition to the feminine system, which will quickly dispel all hysterical, nervous and irritable conditions. Such is

LYDIA E. PINKHAM'S

VEGETABLE COMPOUND

The following letter serves to prove this fact.

Mrs. Mattie Copenhaver, 315 So. 21st St., Parsons, Kans., writes:

"For two years I suffered from the worst forms of feminine ills, until I was almost driven frantic. Nothing but morphine would relieve me. Lydia E. Pinkham's Vegetable Compound brought me health and happiness and made me a well woman."

FACTS FOR SICK WOMEN.

For thirty years Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, has been the standard remedy for female ills, and has positively cured thousands of women who have been troubled with displacements, inflammation, ulceration, fibroid tumors, irregularities, periodic pains, backache, that bearing-down feeling, flatulency, indigestion, dizziness, or nervous prostration. Why don't you try it?

Mrs. Pinkham invites all sick women to write her for advice. She has guided thousands to health. Address, Lynn, Mass.