

REPORT ON ALASKA WHEAT

UNIVERSITY OF IDAHO
PUBLISHES BULLETIN.

Gives Facts Regarding the Newly Discovered Cereal—Not Worth Any More Than Ordinary Grain.

(By R. E. Hyslop, Agronomist.)

On account of the numerous inquiries coming into our station we find it necessary to issue this press bulletin concerning the so-called "Alaska" wheat.

This wheat, when given ample space or conditions favorable to the individual plant, has a branching head borne on a rather tough straw at a height of between four and five feet. The mesh bears two and three kernels. When grown under close field conditions the head tends to be much smaller, branches less, and the mesh bears from one to two kernels, very seldom three. If heads grown under these conditions alone were examined the impression would be obtained that this wheat never bears but two kernels to the mesh, a mistake which some writers appear to have made.

The heads, while not numerous, are dark in color and considerably stronger than we find on our common wheats, but not so long or stiff as those found on the Durums or Macaroni wheats. The normal kernel is light in color, short and plump, with an unusually open groove which allows the kernel to be easily broken in threshing. A cross section shows the interior to be white and powdery with comparatively little horny starch. The shrunken kernels naturally are harder.

Taking everything into consideration I am led to conclude that this is the Egyptian or Miracle wheat, a Poulard and that it belongs to that variety of the Egyptian known as Eldorado, which is very closely related to the Seven-headed variety.

The Poulards are peculiarly adapted to dry regions, but never have been grown to any extent in America. Their yields have never proved to be of such a nature as to warrant their extensive growth, even for stock food. And the inferiority of the flour produced from them has prevented their use to any extent for the production of bread.

The high yields claimed for the wheat in this section of the country, in some cases 27 bushels per acre, are fabulous. One of the promoters states that from one head of the wheat he obtained seven pounds, from these seven pounds he produced 1545 pounds, or a yield in round numbers of 220 fold. It is from these figures that the yields noted in the various papers, and in the circular of the Adams-Hobe Seed Grain company, of Juliaetta, Idaho, are computed. To show the ridiculousness of computing yields in this way, we determined in a couple of cases, the number of grains produced from one seed of Little Club grown under favorable conditions in our breeding plot. One plant produced 1176, the other 1800 kernels. Now, reasoning as this seed company has done, if we should plant one bushel of this Little Club to the acre, we would obtain 1176 or 1800

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If you want to know more about the composition and professional endorsement of the "Favorite Prescription," send postal card request to Dr. R. V. Pierce, Buffalo, N. Y., for his free booklet treating of same.

You can't afford to accept as a substitute for this remedy of known composition a secret nostrum of unknown composition. Don't do it.

bushels. This would be a rather high yield, even in Idaho.

This year the company had 700 acres in the wheat grown on different farms in this locality. A 30-acre tract near Moscow, which was threshed in the middle of August went about 22 bushels per acre. Mr. Adams stated at that time that his best yields had been 35 bushels. He supplemented this remark, however, with the statement that his stands were poor in every case. But considering the large acreage, the fact that several different farmers grew the crop, and the effect of a close stand noted above we must take this as an indication at least, of the yielding power of the wheat. This, however, would not be considered an extra large yield for this country.

The analysis of the wheat upon which the company appears to base its hopes amounts to practically nothing in determining the bread making qualities of the flour. It is true, that Bluestem wheat which analyzes higher in protein than Little Club makes a better quality of flour, but it is also true that Macaroni wheat which analyzes higher in protein than Bluestem makes a lower class of flour, and consequently is discriminated against by the miller. The low grade flours turned out from our mills usually show a higher protein content than the patent. Corn has considerable protein, but the chemist seems unable to find any gluten (that all essential part of a good flour.) Even if the chemist had found a high gluten content in "Alaska" wheat, we would still not be justified in concluding that the wheat would make a good quality of flour. The proof of the wheat is in the bread it will make.

Upon our request the company has promised to have a milling test made soon. Until this test is made, however, we must assume that the wheat will make no better flour under the name of "Alaska" than it did when known as "Wheat of Miracle."

In spite of all the beautiful stories which have been written concerning the origin of this wheat, regardless of the many wonderful things which have been imagined about its quality, and taking into consideration the impression as to yield, which has so skillfully been thrown broadcast throughout the American continent by this seed company, who advertise their wheat for sale at \$20 per bushel, we have yet to find any points of merit in it which would warrant the public paying more for "Alaska" wheat than the prevailing market price of our common varieties.

MATTHEWSON TO WORK OVERTIME

Will Pitch Every Other Day If Necessary to Win.

New York, Sept. 8.—Christy Matthewson is about to assume the most monumental task that a major league pitcher ever had thrust upon his shoulders. He has expressed a willingness to pitch three games a week for the rest of the season, provided that the Giants are at any time in danger of dropping out of first place.

Matthewson is the most powerfully built pitcher in America, and though he believes that his constitution is rugged enough to stand such a continuous strain on his muscles, it looks as if the task were too much to ask of any one man. He is determined to make the effort, however, and if he succeeds he will have performed the most wonderful feat that baseball has seen since the National league was organized, back in the 70's.

Some time ago McGraw admitted that he had but two pitchers of the magnitude of stars, and that on Wilkes and Mathewson he would have to rest the chances of New York winning the pennant. The other pitchers can be used when there is not much at stake, but, speaking generally, it is up to these two men to land the championship. Wilkes is frail of physique, and to ask him to pitch more than once in three days would be almost inhuman. McGraw explained the situation to his men and asked Matty what he thought of it.

"I can go in there and pitch every other day until the end of the season," replied the great pitcher, "and if you think it a good idea I am perfectly willing to take a chance."

"You are on," said McGraw, and it was decided to put Matthewson up against a proposition that would make almost any athlete quail.

Then it was that the plan of working Matty three times a week if necessary came to the front. This is not any idle talk. McGraw and Matty have made up their minds and really intend to go that far to win the pennant. "Mathewson," explained the Giant chieftain, "is in better shape than he has been at any time this year, and he is pitching the greatest ball of his career."

"It is not such an awful task as you might think," said one of the

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This offer is limited to 50 acres only, in tracts to suit. I will only be in Pendleton the balance of this week, and you must see me at once if you want to do business.

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At Hotel St. George.

players later. "If you will notice, Roger Bresnahan is in there catching every day and he has to keep his arm in constant use. More than that, he says he will catch every game this season if he is not hurt."

SOUTH AFRICAN RUNNER PRAISES MAN WHO BEAT HIM

London, Sept. 8.—C. Hefferon, the South African runner, who got second prize in the English Marathon, paid a big tribute to John J. Hayes, the American, in a public letter written before he left England for his home. He said that he had not the least doubt that Hayes was the best man in the race, and that he richly merited all the honor the victory brought him. The excessive heat, he thinks, knocked all of the Englishmen out of the contest so soon. At the start he thought the most dangerous men were Duncan, Lord and Appleby, and Svanberg, the Swede.

Tom Longboat, he thought, was a fake, and mentions that he knew he would beat the redskin when they first met. Friends of Hefferon protested Hayes, but after the race was over Hefferon ordered the objection withdrawn at once. The South African admitted that he had been training for the Marathon for a long time, and that he is no through with it yet. He expects to be on the firing line at Athens in 1910.

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 \$1 bottle contains 2 1/2 times quantity of the 50c size. First dose brings relief. A. C. Koepfen & Bros.

Fatal Quarrel Over Sheep.

Burns, Ore., Sept. 8.—With no witnesses to his deed except his flock of sheep, John C. Midland, a sheep-tender, shot and killed Lorenzo P. Ramos, also a sheep-tender. Reports of the murder reached this place to-

day. The shooting occurred last Thursday 15 miles from Diamond Valley.

A quarrel over the two flocks of sheep led up to the shooting. Midland and Ramos engaged in a fist fight, and Midland was worsted. According to the evidence, Midland went to Diamond Valley, purchased a revolver, and returning to the camp fired three shots at Ramos.

Later some persons passing the camp saw the corpse. The sheriff was notified, and Midland was arrested. He did not make any attempt to escape. He will be held to the October term of the grand jury without bail. It will be Harney's first murder case in several years.

To those afflicted with kidney and bladder trouble, backache, rheumatism, Pincules for the Kidneys brings relief with the first dose. Hundreds of people today testify to their remarkable healing and tonic properties. 30 days' trial \$1. They purify the blood. A. C. Koepfen & Bros.

St. Jean Baptiste.

Holyoke, Mass., Sept. 8.—French-Americans from many states and Canadian provinces have been attracted to Holyoke by the opening today of the national convention of L'Union St. Jean Baptiste d'Amerique. Councils to the number of 221, with a membership of 17,000, are represented. The society has a surplus in its treasury of nearly \$1,750,000.

The program this morning opened with mass at the Church of the Precious Blood, after which the convention was called to order in Monumental Hall. This evening there will be a presentation of "The Chimes of Normandy." New officers will be installed tomorrow evening.

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From Denver - \$30.00	From Louisville - \$41.70
" Omaha - 30.00	" Cincinnati - 42.20
" Kansas City 30.00	" Cleveland - 44.75
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" Chicago 38.00	

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