

# POTATO CULTURE CLUB CAMP WILL BE BIG FEATURE

## Competition for Honors in the Camp of the "Idaho Juniors" at Intermountain Fair Is Keen.

At the time for the Intermountain fair draws near the interest of the boys and the girls of the Potato Culture clubs and the sewing clubs is becoming very keen. Each day brings letters to the state superintendent's office asking for particulars about the camp at the fair, or telling of the result of the local contests, or speaking of the interest and the excitement of the clubs. One sewing club had an exhibit last week, each piece of which was so well done that the judges had difficulty in deciding which set was best. One club wrote to Miss Shepherd early in the week that it was not safe for a stranger to enter the building as he was liable to be pitched before he left. From another part of the state comes a report that the girls are greatly interested in the premiums offered outside the club work and are hard at work getting ready an exhibit. From another part of the state an interesting letter has been received stating that they have had so much rain that their potatoes are still growing and they are anxious, fearing the potatoes may not ripen by the time of the opening of the fair. Perhaps the clubs that are creating the most interest are those potato clubs composed entirely of girls. It is predicted by their friends that one of them will take the sweepstakes.

The board of directors of the fair has given one of the best locations on the ground for the camp and they with Miss Shepherd are planning for the comfort, the instruction, and the happiness of the prize winners who will be brought to the fair.

A large tent will hold the exhibits. Grouped around this will be tents used as headquarters, instruction tents, bedrooms, kitchen and dining room. Instruction will be given each day in agriculture and domestic science. One feature will be the instruction in stock judging. This will be an excellent opportunity for this work as some of the finest stock in the country will be at the fair. Everything is being done to make the week a profitable and enjoyable one. It is predicted by many that this camp of the "Idaho Juniors" will be one of the most valuable things the fair has ever done. Other states have had camps similar to this, but it is the belief of those who know, that in instruction and care, Idaho, in this her first attempt, will exceed the older states.

The bankers are helping in this work by contributing liberally. Some bankers are so interested in the work and believe so heartily in the good that will be accomplished that they have given twice the amount they were asked to give.

Miss Shepherd is much pleased with the results that are being attained in the different parts of the state and is enthusiastic about the exhibits to be brought to the fair. Many of the best instructors in the state will be here to conduct classes daily for the boys and the girls. The good that will result from this work is incalculable; the boys will do much toward standardizing the potato, better and more scientific farming will be done. The girls will take a greater interest in those things that make life beautiful.

# PILGRIM BIBLE CLASS NAMES COMMITTEES

The members of the Pilgrim Bible class of the First Congregational church met Friday evening at the home of H. E. McElroy and made plans for a vigorous campaign during the coming season. The following is a list of officers and committees: Teacher, H. C. Doolittle; president, H. E. McElroy; vice president, S. R. McLeran; secretary, J. A. Crane; treasurer, H. W. Grover.

Membership committee—W. W. Bisbee, chairman; S. R. McLeran, J. G. Tolman, O. S. Risser, J. J. Shaw, Mr. Upchurch.

Social committee—W. J. Campbell, chairman; Jared Doolittle, C. H. Roberts, A. M. Rowe, H. L. Randall, Fred Strehle, Richard Erickson, H. S. Grover, W. S. Johnson.

Devotional and missionary committee—S. R. Russell, chairman; E. Berjeson, W. O. Campbell, J. A. Crane, H. C. Doolittle, J. Zeterburg, P. H. Strange, R. B. Wright.

# BOYS' KNOCKER CLUB OPENS YEAR'S STUDY

The Boys' Knocker club of this city opened its third year of club work with a short business meeting and a banquet at "Woodlawn" the beautiful country home of H. E. Neal, about three miles down the valley, Friday night. The club finished two of the most successful years of work last year. Many of the boys of the club in the state and in entering on its third year with even more enthusiasm than they have had

previously. The main objects of the club are Bible study and sociability. They entered into a short business session and elected new officers for the ensuing year who are as follows: John F. Kinyon, president; Howard B. Johnson, vice president; William Stevenson, secretary; Melville Ruick, treasurer; Frank E. Chalfant, sergeant-at-arms, and Ralph N. Tourtelotte, manager. After the election of officers the matter for a Bible study course came up for discussion. They finally decided upon the very good course by Murray entitled "What Manner of Man is This?"

Five members of the club finished the course of last year. "The Christian Race," with high grades and received international certificates for the same. Many more are determined to pass on the course for this year.

Several amendments to the constitution and by-laws were made, the chief of which was the one dividing the club into two parts, both parts being under their present leader, Earl A. Rosinbum. The older boys of the club will be called the B. K. C's and their membership will be of the boys 13, 14 and 15 years old and the Jr. B. K. C's will constitute boys 10, 11 and 12 years old. The entire membership of both parts of the club has been limited to 45 members. The membership at the present time is 39 and many applications are on hand to be acted upon.

At the close of the business session a harvest supper of fall fruits and melons was enjoyed by all present.

The following members of the club were present: Frank Brown, Loren Bush, Frank Chalfant, Ralph Condra, Ralph Davis, Michael Compton, Clarence Dierley, William Glenn, Arthur Hulbert, Eugene Hyde, Howard Johnson, John Kinyon, Wilbur M. Cornick, Edwin Neal, Albert Neal, Walter Neal, Keith Nusbaum, Melville Ruick, Everett Ruick, John Selby, Fred Sinsel, Mac Smith, William Stevenson, Paul Thompson, Jesse Thompson, Ralph Tourtelotte and Earl A. Rosinbum, the leader of the club.

# HEAD CONSUL OF THE WOODMEN IS COMING



HEAD CONSUL BOAK.

Head Consul Boak of the Woodmen of the World will greet the Boise Woodmen on Monday evening, Sept. 23. Head Consul Boak is the ranking official of an organization containing nearly 115,000 men in the Pacific jurisdiction, and it is his first visit to Boise in several years. Boise Camp has a membership of over 500, and during the last 60 days they have taken in nearly 60 new members, who will be initiated by the Head Consul himself on that date. Neighbor Boak is one of the great fraternalists of America, having given his whole life to the cause. In addition he is a powerful and magnetic talker, and the local camp is making great efforts for a big evening. In addition to the local fraternity large delegations are expected from Caldwell, Nampa, Emmett, Idaho City and the surrounding country. The clerk of Boise Camp, J. J. McCue, is also expecting that one or two of the other head officers will find it possible to be here on that occasion. The local committee having charge of the affair, consists of James S. Bogart, chairman, assisted by Dr. R. S. Gregory, Robert Mobley and George O. Jackson and Fred Rose.

## South Boise.

A force of men has begun the excavation work for the grade and cut which is to carry the new extension of the Boise Valley railroad from South Boise to the bench. This grade will necessitate the expenditure of quite a sum of money. The work of construction will progress with all possible rapidity, as the franchise granted the company by the village board provides that the road be finished by Jan. 1, 1913.

The Christian Endeavor of the Second Presbyterian church will give a plunge party at the Natatorium Wednesday.

The W. C. T. U. met Tuesday afternoon at the home of Mrs. Stubblefield on Broadway. Among other things, Miss Patten was appointed as a delegate to the state convention, to be held in Nampa Monday, Tuesday and Wednesday. The next meeting will be with Mrs. F. D. Smith.

Mrs. M. L. Lewis of Evansville, Ill., is visiting her son, S. F. Lewis.

Mrs. Fred C. Brown will entertain the missionary society Wednesday afternoon.

Elmer E. Cook left Tuesday for Portland. For the past few weeks he has been visiting relations in South Boise.

Robert Blackstone of San Francisco is stopping for a time with his mother, Mrs. Jessie Blackstone.

Miss Clara Hill of Cambridge, visited her sister, Mrs. W. W. Hard Sunday and Monday. She left Tuesday for Chicago, where she will attend the Baptist Missionary Training school.

# IDAHO ARTIST TO EXHIBIT PICTURE

## Painting of Saint John at Holy City to Be Shown at the Fair.

(Staff Correspondence)

Eagle, Sept. 21.—Those people interested in oil paintings will this year have an opportunity of seeing a remarkable picture at the Intermountain fair, representing Saint John's vision of the Holy City from the top of a high mountain on the Isle of Patmos. This picture is by James Gilbert of Eagle, Idaho, whose conception is taken from that part of the Bible found in the 31st and part of the 23d chapters in the book of Revelations. No doubt as many as 50 sermons and lectures could be made from a study of this picture.

Mr. Gilbert's conception of the Holy City, as shown in his truly interesting picture which was copyrighted in 1911, shows him to be a student of at least that portion of the book of Revelations. The picture is a splendid oil painting, the canvas being 40 inches wide and 48 inches high. Through the center of the Holy City is shown a representation of the River of Life, on either side of which is shown the tree of life.

The city represents the two biblical dispensations. On one side of the river is the Mosaic dispensation, while on the other side is represented the Christian dispensation. The tree of life on either side of the river represents the two dispensations, the touching of the branches of the two trees representing the joining together of the two dispensations in the Holy City.

The lighting of the Holy City is represented according to the 23d verse of the 21st chapter of Revelations, which reads as follows: "And the city had no need of the sun, neither of the moon, to shine in it; for the glory of God did lighten it, and the Lamb is the light thereof." The picture shows

Christ appearing in the clouds and His glory lighting the city.

The picture shows a portion of two sides of the great wall which surrounds the city, and two of the twelve gates of the city, with an angel at each gate. The names of the twelve gates represent the twelve tribes of the children of Israel.

The picture also shows the first and twelfth of the twelve foundations on which the great wall rests. The names in the twelve foundations represent the twelve apostles.

In the picture is shown the great corner stone of the foundation, Christ being the corner stone.

The picture shows Saint John kneeling on top of the mountain, which is on the Isle of Patmos, where the Angel had taken him in his vision, showing him the Holy City. Beside John is shown the Angel with a golden reed in hand. With this reed was measured the wall of the city, which is an hundred and forty and four cubits.

There are many other features of this painting which must be seen to be appreciated. No doubt many Bible students and others will be attracted by this picture at the state fair.

## Real Estate Deal Closed.

W. T. Harbert, of the Edward Stein Co., reports the following deal made this week:

A. S. Abbott exchanged his 30-acre orchard tract near Adria, valued at \$5000 with John Rasmussen for his six-room modern house on North Twelfth street, valued at \$4250. Mr. Rasmussen paying the difference to Mr. Abbott.

Mr. Harbert also reports that more interest is being shown now in the real estate business than for some time past.

## Notice.

All Woodmen of the World are expected to be in attendance Monday evening, Sept. 23, when Head Consul Boak will deliver an address. Banquet. J. J. McCUE, Clerk.

If your watch passes through our repair department and does not give satisfaction we will give a new movement in exchange.

CON W. HESSE, Jeweler.

# HINTS FOR THE IDAHO FARMER

## Irrigated Versus Dry-Farmed Wheat for Bread Making Purposes.

(By S. J. Jones, Chemist at Idaho Experiment Station)

Expression is frequently given to an apparently wide-spread opinion among wheat growers and millers that irrigated wheats are characteristically low in gluten and for that reason are inferior to the dry-farmed wheats for bread-making purposes. Thus far in the milling and baking tests conducted at the Idaho Experiment station we have not found the decided differences in bread-making value which are commonly believed to exist. As the bread-making value of wheat is, or at least should be, an important factor in fixing its market value, it is highly important that any material difference in quality which can be properly charged to irrigation or to dry-farm practices should be thoroughly investigated. Mr. Fishburn of the department of chemistry is now in south Idaho for the purpose of securing thoroughly representative samples of the leading varieties which were grown under both irrigated and dry-farmed conditions during the season of 1912. While he will visit in person each of the principal wheat growing districts and endeavor to secure the samples direct from the men who grew them, he of course will not come into contact with all who are interested in the outcome of the investigation, and who are in a position to furnish us with the necessary samples for milling purposes. If you have grown during the season of 1912 any one or more of the following varieties, either by irrigation or dry farm methods, you will assist materially in this work if you will communicate that fact to the department of chemistry of the Idaho Experiment station at Moscow. Directions for labeling and shipping the samples will be sent you. The varieties which are most desired for these tests are: Bluestem, Defiance, Dicklow, Gold Coin, Jones Pife, Odessa, Sonora and Turkey Red. Any other variety, however, which is known positively to be grown in this state under both systems of farming will be fully as acceptable.

From the results of a large number of milling and baking tests we expect to arrive at definite conclusions regarding the relative values of irrigated and dry-farmed wheat when used for bread-making purposes. The results of the tests will prove to be of great value to the wheat growers and millers of the state and they will be given the greatest possible publicity.

## Some Causes of Off Flavors in Butter.

(By G. E. Frevert, Dairyman at Idaho Experiment Station)

Bad flavors in butter may come from various causes. There are few food products that take up undesirable flavors so readily as do milk and its products.

Perhaps the most common cause of bad flavors in butter is the introduction of filth into the milk or its products at some time during the process of production and manufacture of the butter. With this filth is introduced not only the flavor of the filth itself but also certain ferments which develop in the cream or milk producing undesirable flavors in those products. These flavors are later introduced into butter. As the ferments develop more rapidly at high temperature than at low, bad flavors from this source are usually much worse in the summer than in the winter time, where unclean conditions exist in the dairy.

The surroundings in which butter is kept often has a great deal to do with its flavor. It is a well known fact that milk and its products take up bad odors from the atmosphere very rapidly. Too often good butter is spoiled by storing it in surroundings where the atmosphere contains odors which are not desirable in butter.

Too often butter is kept in the same cellar or ice box with strong smelling meats or vegetables. Butter should always be kept at a low temperature and in an atmosphere free from foul odors.

The kind of feed which the cows eat often has an effect upon the flavor of milk and its products. Strong flavored vegetables such as cabbage, turnips, rape, onions and certain weeds which sometimes grow in the pasture, produce a tainted flavor in the milk and in the butter made from it. This difficulty may be overcome to some extent by feeding these feeds after milking them rather than before. The bad flavors in the cream or milk produced from strong flavored feeds may be overcome to some extent by aerating the milk immediately after it is drawn and ripening the cream with a good starter.

One other common cause of undesirable flavors in butter is that of storage. Butter in order to be at its best should be consumed soon after it has been manufactured. Many of the stale and rancid flavors in butter are due to the fact that the butter is old when it reaches the consumer.

## Seed Bed for Winter Wheat.

(By F. L. Kennard, Associate Professor of Agronomy, Idaho Experiment Station)

Too many farmers do not give enough attention to the preparation of the winter wheat seed bed. When one goes over the country and notes the great acreage of wheat seeded in a haphazard way in soil that has been poorly cultivated and pulverized it is not surprising to learn of some very low yields the following harvest.

Let us first consider what constitutes an ideal seed bed and then how to go about preparing such a one.

Winter wheat requires first of all a firm, moist sub-surface covered with two or three inches of loose, pulverized soil to form a mulch for the conservation of moisture. The seed should be placed in the firm soil and covered with moist soil. This in turn is covered with the loose, dry surface soil which is to prevent evaporation and running of, i. e., absorb any moisture which may fall after seeding, and hold it for future use by the growing crop.

A maximum crop cannot be grown on soil which is lumpy and loose to the full depth of the furrow slice, as is the case when land is plowed immediately preceding the drill.

To prepare a seed bed which will produce the maximum crop requires a great deal more labor than the average farmer puts on his wheat land; but it should be remembered that all additional labor thus expended will be well repaid in additional yields.

Land that has been summer fallowed and plowed during the early summer is the easiest to prepare for winter wheat. It has two or three months in which to settle and with a few early rains needs little work to form a perfect seed bed. If it is thoroughly harrowed immediately after the plow no clods will form and the furrow slice will settle back naturally, so that only surface cultivation will be necessary. This can best be done with the disk. There is a great deal more sub-surface packing done with the disk than would be expected and this is what is wanted. The sub-surface is firmed while the surface is pulverized and weeds killed.

On land plowed the other way, it is more difficult. In this case there is not time for a natural settling of the soil. It must be done by artificial means. Let the harrow follow the plow every half day. This will break up any lumps and prevent baking. Some packing will be accomplished also. If a double disk could be used within two or three days after this and then a double harrowing just before seeding, a very good seed bed will result. One harrowing should be given after seeding and at least one in the spring after the soil has dried sufficiently to form a crust.

# —It is now predicted by many conservative citizens that Boise will see a great boom within the next year.

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