

SEED PEAS.

By F. S. COOLEY, Superintendent of Montana Farmers' Institutes.

Seed peas are attracting much interest in the Gallatin valley and other parts of Montana. Beginning in 1911 with 2,500 acres, there are this year with 9,000 and 10,000 acres under cultivation in Gallatin county alone.

The varieties comprise all of the common garden sorts, particularly the early kinds. They are grown on both dry and irrigated lands, and are now being sown in rows as a cultivated crop.

Bean and pea hullers are being procured to thresh the dried crop, as the ordinary separator destroys a large amount of seed by splitting. It is possible, by taking out the concaves and running at low speed, to reduce the damage. Special cylinders for peas are also made for some separators.

The seed yields from fifteen to thirty bushels per acre and brings from



PEA HARVESTER ATTACHMENT.

\$1.25 to \$2 per bushel, according to variety. A few of the best crops have yielded fifty bushels per acre.

Peas put the ground in splendid condition for subsequent crops, both as regards fertility and tilth. As a tillage crop they help to clean the ground.

The higher valleys of Montana, with moist soil and cool climate, should prove peculiarly adapted to pea culture and the raising of seed peas may be regarded an important industry.

Man was made to be active, and he is never so happy as when he is so; it is the idle man that is the miserable man.

PRACTICAL LESSONS.

Facts Picked Up at Montana Demonstration Farms.

Interesting lessons are learned from the different crops and methods of management on the various demonstration farms maintained by the Montana Experimental Station. Among them we may note the following:

- 1. Fall wheat (Turkey Red or Kharkov) is almost everywhere successful in Montana without irrigation. It appears to be the safest and most profitable crop.
2. Alfalfa sown in rows and cultivated grows more vigorously and yields heavier crops of forage than when sown broadcast or in drills six inches apart. For seed the former method of sowing is also far more promising.
3. Flax that is sown early (before the 6th of May) is the best. Land well worked down and firm is best for flax.
4. Harrowing grain in the spring is not showing the advantage that many farmers claim when compared with grain not harrowed.
5. The corn crop recovers very quickly from damage by hail.
6. Spring grains should be sown early, of early varieties, and even then are uncertain.—F. S. Cooley.

Well Balanced Diet.

A woman in charge of the foods at a popular girls' school, who maintains an economical as well as a pleasing diet, attributes part of her success to the fact that she serves an almost endless variety of good breads, not only good white, graham and whole wheat breads, but raisin breads, nut breads, rolls, rusks, zwieback, coffee cake, corn breads and fruit muffins. None of these breads are expensive as compared with meats, and when taken with a small amount of meat and a plentiful supply of vegetables and fruit they make a well balanced diet.

It requires more brains to farm successfully now than ever before.

BLANCHE STUART SCOTT.

Aviatrix Who Will Try to Fly Twice Over the English Channel. Blanche Stuart Scott, since Harriet Quimby's death America's only professional aviatrix, has announced her intention of not merely duplicating but of doubling Miss Quimby's successful flight across the English channel. Miss Scott will start from Dover in an effort to fly to Calais in a hydroaero plane and return.

Miss Scott has not been influenced by Miss Quimby's tragic death, which



MISS BLANCHE STUART SCOTT.

she witnessed from her aeroplane, to entertain any fears of her own ability to escape a like fate.

"A death is only an incident in the development of the science," she says, "and pioneers have died in the early struggles of all causes. It remains for those who are left to keep on striving for the ultimate triumph for which those who died gave up their lives."

MAURICE E. M'LOUGHLIN.

Young Californian Who Holds Highest American Tennis Honors.

Maurice E. McLoughlin of California, this year's national lawn tennis champion, is only twenty-two years old. He was born in Carson City, Nev., on Jan. 7, 1890, and has been playing tennis since he was thirteen years old.

In taking both the national singles and doubles in the same year, a feat which he accomplished at the recent Newport tournament, McLoughlin won the highest American honors and duplicated the performance of Beals C. Wright in 1905.

McLoughlin began to win championships early in his career, commencing with the junior titles in San Francisco. In 1905 he entered the California state championship, but he did not win an important title until 1907, when he took the San Francisco city championship.

Each season since he has been prominent in the leading championship matches in this country. He also has



Photo by American Press Association.

MAURICE E. M'LOUGHLIN.

been a member of the American team which competed in the Davis International Cup matches in Australia.

The peerless Californian wins chiefly by his sweeping attack at the net, his hard hitting and splendid control. This season he stands as undefeated, the Pacific coast, the Longwood cup, the western states, New York state and other premier championships falling to his portion.

When on the courts McLoughlin stands five feet ten and a half inches in height and weighs 165 pounds. He has a tremendous reach, which contributes greatly to his remarkable gets.

Rams For Sale.

The Shonkin Ranch company has eighty head of high grade four and five-year-old Rambouillet rams for sale. Will be sold right. Address SHONKIN RANCH CO., Fort Benton.

Rams For Sale.

For sale, 35 head of thoroughbred Rambouillet bucks, four years old. Apply to R. O. BUCK, Carter, Mont.

Rams For Sale.

Choice yearling and two-year-old half-blood Cotswold rams, in numbers to suit purchasers. These rams are from selected Oregon ewes and pure blood Cotswold rams from the greatest prize winning flock in the west. LONG BRUS, Great Falls, Mont.

Hampshire Buck Lambs For Sale

High grade April lambs, weighing about 95 pounds; also some choice yearlings. Address BEAVERHEAD RANCH CO., Dillon, Montana; or LEWIS PENWELL, Helena, Montana.

Sheep For Sale.

About 2,900 ewes, 1800 lambs, or 600 wethers. Will sell either lot to suit purchaser. Address H. JAFFE, Big Sandy, Mont.

For Sale

3,200 yearling and two-year-old ewes, price \$3.75, 100 full-blood Cotswold lambs—A-1, 50 half-blood Cotswold bucks, four years old—every one a peach; also 4,000 wethers, three, four and five-year-olds. Price \$4.00 if taken at once. Address A. E. FRESCOTT, Helena, Mont. A. C. GOUGH, Chester, Mont. W. H. SCOTT, Brady, Mont.

For Sale.

Six head of work horses, well broken; have been fed all winter and are in good condition for spring work. Also a three-inch wagon, good as new, and one set of harness, cheap. GEO. E. BARKLEY, Fort Benton.

Reward For Estrays.

One dapple gray gelding, about 1300 pounds, age six years; one bay gelding, about 1300 pounds, has crooked nose, star in forehead and one hind foot white, age three years; one black gray mare, star in forehead, white mark on one hind foot, weight 1400 pounds age four years—all unbranded and had collar marks. Fifty dollar reward for each of above animals returned to A. JUNNA, Loma, Mont.

Estray Taken Up.

One horse, weight about 1400 pounds, light buckskin with mane roached, and branded as shown on left thigh. Owner please call or write C. RAKESTRAW, Clear Lake, Mont.

For Sale or Rent.

Residence property on Main street for sale or rent; also blacksmith shop on Front street. Both in good locations. C. E. SHELDON, Fort Benton.

Rooms for Rent.

For rent, furnished or unfurnished, part of a house on upper Front street. MISS STROCKING.

For Sale.

A few full blood Crystal White Orpington cockrels (Kellerstrass strain) for sale. Apply to MRS. N. T. CHERMIDLIN.

Contract For Coal.

Notice is hereby given, that the board of county commissioners of Chouteau county will receive sealed bids on the 25th day of November, 1912, at 10 o'clock a. m. for furnishing Chouteau county with coal for the year 1913. Said coal to be delivered to the court house and jail in the city of Fort Benton.

Bids to be sealed and addressed to the clerk of the board. The board reserves the right to reject any or all bids. By order of the board. J. LEE SEDGWICK, County Clerk. Dated October 16, 1912.

Contract To Care For The Poor.

Notice is hereby given, that sealed proposals for the care, support and maintenance of the indigent sick, poor and infirm of the county of Chouteau, state of Montana, per capita, by the week, for the period of one year, commencing on the first day of January, D. 1913, and ending on the 31st day of December, D. 1913, will be received on the 25th day of November, A. D. 1912, prior to 10 o'clock a. m., by the board of county commissioners of said county, said proposals to include the entire cost of feeding, clothing and nursing of the indigent sick, poor and infirm and burial expenses.

Sealed proposals must be addressed to the clerk of the board. The board hereby reserves the right to reject any or all bids. By order of the board. J. LEE SEDGWICK, County Clerk. Dated October 16, 1912.

Bids For Medicines and Medical Attendance

Notice is hereby given, that on the 25th day of November, 1912, at 10 o'clock a. m. of said day, the board of county commissioners of the county of Chouteau, state of Montana, will receive sealed proposals from resident practicing physicians to furnish medical attendance to the indigent sick, poor and infirm of said county, and inmates of the county jail, for the year commencing January 1st, 1913, and ending December 31st, 1913. Bids to be addressed to the clerk of the board. The board hereby reserves the right to reject any or all bids. By order of the board. J. LEE SEDGWICK, County Clerk. Dated October 16, 1912.

Contract For Medicines.

Notice is hereby given, that on the 25th day of November, 1912, at 10 o'clock in the forenoon of said day, the board of county commissioners of Chouteau county, Montana, will receive sealed bids proposals for the furnishing of medicine to the indigent sick poor and infirm, and inmates of the county jail of said county for the period of one year commencing on the first day of January, A. D. 1913, and ending on the 31st day of December, 1913. The right to reject any or all bids is hereby reserved. J. LEE SEDGWICK, County Clerk. Dated October 16, 1912.

Contract For County Printing.

Notice is hereby given, that the board of county commissioners of Chouteau county, Montana, will receive sealed proposals from newspapers of general circulation published within the county of Chouteau, to do and perform all the printing for which said county may be chargeable as is provided in section 2497, of the Revised Codes of Montana, on the 25th day of November 1912, at 10 o'clock a. m. of said day, for the period of one year, commencing on the first day of January, 1913, and ending on the 31st day of December, 1913. Bids to be sealed and addressed to the clerk of the board. The board reserves the right to reject any or all bids. By order of the board. J. LEE SEDGWICK, County Clerk. Dated October 16, 1912.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, October 12, 1912. Notice is hereby given that WILLIAM VIELLAUX, of Fort Benton, Montana, who, on March 28, 1911, made homestead entry No. 09149, for W 1/4, NE 1/4, NE 1/4, section 33, 8 1/2 NW 1/4, 8 1/2 NE 1/4, section 34, township 29 north, range 2 east, Montana meridian, has filed notice of intention to make final three-year proof, to establish claim to the land above described, before Chas. H. Boyle, U. S. commissioner, at his office at Fort Benton, Montana, on the 25th day of November, 1912.

Claimant names as witnesses: Fred LaBarre, Hilbert LaBarre, Louis Lundy, Archie Heiberg, all of Fort Benton, Montana. E. L. BARNES, Register.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, October 12, 1912. Notice is hereby given that JOHN W. POSTILL, of Shonkin county of Chouteau, state of Montana, has filed in this office his application to enter under the provision of section 2306, revised statutes of the United States, the following described land: The NE 1/4, SE 1/4, section 35, township 21 north, range 6 east, Montana meridian. Any and all persons claiming adversely the lands described, or desiring to object because of the mineral character of the land, or for any other reason, to the disposal of said land, should file their affidavits of protest in this office on or before the 7th day of November, 1912. E. L. BARNES, Register.

Non Coal Land.

Notice For Publication—Isolated Tract

United States Land Office at Great Falls, Montana, August 30, 1912. Notice is hereby given that, as directed by the commissioner of the general land office, under the provisions of Act of Congress approved June 27, 1906 (34 Stat., 517), pursuant to the application of Adria W. Kingsbury, serial No. 02124, we will offer at public sale to the highest bidder, but at not less than \$1.25 per acre, at 10 o'clock a. m., on the 25th day of October, 1912, at this office, the following described tract of land: N 1/4 SW 1/4, section 18, township 21 north, range 10 east, Montana meridian.

Any persons claiming adversely the above described land are advised to file their claims or objections, on or before the time designated for sale. A. WILSON, Receiver. E. L. BARNES, Register.

Notice of Contest.

United States Land Office at Havre, Montana, October 1, 1912. To Helena Koskimaki Oksa, of Connaught, Ohio, and Samuel Koskimaki and Mary Doe Koskimaki of Ruuska Finland, contestees. You are hereby notified that B. M. CHANCELLOR, who gives Virgelle, Montana, as his postoffice address, did on September 19, 1912, file in this office his duly corroborated application to contest and secure the cancellation of your desert land entry No. 0658, made May 18, 1910, for one-half of the northeast quarter of section 31, and west half of the northwest quarter section 30, township 27 north, range 12 east, Montana meridian, and as said Henry Koskimaki and you as his heirs have abandoned said entry, that you have failed to secure water for the same, or recede it from its desert character, and that you have taken no steps whatever toward reclaiming of any of said land or the acquiring of water for that purpose, and that you have failed to improve said land. You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be canceled thereunder without your further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the date of this publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest; or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant either in person or by registered mail. If this service is made by the delivery of a copy of your answer to the contestant in person, proof of such service must be either the said contestant's written acknowledgment of his receipt of the copy, showing the date of its receipt; or the affidavit of the person by whom the delivery was made, stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and where the copy was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter. You should state in your answer or affidavit to which of the postoffice to which you desire future notices to be sent to you.

L. W. PIERSON, Receiver. Date of first publication October 9, 1912. Date of second publication October 16, 1912. Date of third publication October 23, 1912. Date of fourth publication October 30, 1912.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, September 18, 1912. Notice is hereby given that HARRY D. RICE, of Fort Benton, county of Chouteau, state of Montana, has filed in this office his application to enter under the provisions of section 2306, revised statutes, United States, the following described land, viz: The southeast quarter of the southeast quarter of section 11, township 22 north, range 7 east, Montana meridian. Any and all persons claiming adversely the lands described, or desiring to object because of the mineral character of the land, or for any other reason, to the disposal of said land, should file their affidavits of protest in this office on or before the 7th day of November, 1912. E. L. BARNES, Register.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, September 15, 1912. Notice is hereby given that HARRY D. RICE, of Fort Benton, county of Chouteau, state of Montana, has filed in this office his application to enter under the provisions of section 2306, revised statutes of the United States, the following described land, viz: The northwest quarter of the southwest quarter of section 12, township 22 north, range 7 east, Montana meridian. Any and all persons claiming adversely the lands described, or desiring to object because of the mineral character of the land, or for any other reason, to the disposal of said land, should file their affidavits of protest in this office on or before the 7th day of November, 1912. E. L. BARNES, Register.

Notice For Publication.

United States Land Office at Lewistown, Montana, September 29, 1912. Notice is hereby given that WALDO E. PAINTER, of Hawarden, Montana, who, on July 10, 1909, made homestead entry No. 06282, for SW 1/4, section 29, township 21 north, range 13 east, Montana meridian, has filed notice of intention to make three-year proof, to establish claim to the land above described, before Chas. H. Boyle, U. S. commissioner, at his office at Fort Benton, Montana, on the 12th day of November, 1912. Claimant names as witnesses: Martin O. Painter, William Nitcher, Robert Hicks, Charles Russell, all of Hawarden, Montana. C. E. McKOIN, Register.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, October 12, 1912. Notice is hereby given that CHARLES M. DONALDSON, of Fort Benton, Montana, who, on March 28, 1911, made homestead entry No. 02137, for lot 8, section 28, and N 1/4, SW 1/4, SW 1/4, section 29, township 21 north, range 8 east, Montana meridian, has filed notice of intention to make final commutation proof, to establish claim to the land above described, before Chas. H. Boyle, U. S. commissioner, at his office at Fort Benton, Montana, on the 25th day of November, 1912. Claimant names as witnesses: John F. Curtis, William T. Morrow, Charles H. Green, Willard T. Greely, all of Fort Benton, Mont. E. L. BARNES, Register.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, October 12, 1912. Notice is hereby given that FRED CARTER, of Fort Benton, Montana, who, on January 13, 1911, made homestead entry No. 01950, for SE 1/4, section 23, W 1/4, E 1/4, section 26, township 23 north, range 10 east, Montana meridian, has filed notice of intention to make final three-year proof, to establish claim to the land above described, before Chas. H. Boyle, U. S. commissioner, at his office at Fort Benton, Montana, on the 25th day of November, 1912. Claimant names as witnesses: Myron Sheldon, Guy Collins, William E. Hale, Timothy Moran, all of Fort Benton, Montana. E. L. BARNES, Register.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, October 12, 1912. Notice is hereby given that JAMES D. WOLFF, Jr., of Clearlake, Montana, who, on July 18, 1908, made desert land entry No. 2710, serial No. 02811, for W 1/4, SW 1/4, section 3, E 1/4, SE 1/4, section 4, township 23 north, range 11 east, Montana meridian, has filed notice of intention to make final three-year proof, to establish claim to the land above described, before Chas. H. Boyle, U. S. commissioner, at his office at Fort Benton, Montana, on the 25th day of November, 1912. Claimant names as witnesses: George Paradis, Frank E. Fisher, Joseph Slowey, John F. McClelland, all of Clearlake, Mont. E. L. BARNES, Register.

Non Coal Land.

Notice For Publication.

United States Land Office at Great Falls, Montana, October 12, 1912. Notice is hereby given that LOUIS CHABOT, of Fort Benton, Montana, who, on July 22, 1909, and September 25, 1909, made homestead original and additional entry Nos. 06677 and 08271, for NE 1/4, section 13, township 22 north, range 7 east, Montana meridian, has filed notice of intention to make final three-year proof, to establish claim to the land above described, before Chas. H. Boyle, U. S. commissioner, at his office at Fort Benton, Montana, on the 25th day of November, 1912. Claimant names as witnesses: Merie E. Morgan, Jacob W. Ham, John W. Lewellen, George T. Murray, all of Fort Benton, Mont. E. L. BARNES, Register.

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LOW Round Trip Excursion Fares East

From Anaconda and other Montana Points on Great Northern Ry.

October 19th, November 23d and 25th and December 21st and 23d, the Great Northern Railway will have in effect Low Round Trip Home Visitors Excursion Fares from Anaconda, Butte, Helena, Great Falls, Billings and other points in Montana on the Great Northern Railway to

- Atchison, Kansas
Chicago, Ill.
Colorado Springs, Colo.
Council Bluffs, Iowa
Denver, Colo.
Des Moines, Iowa
Duluth, Minn.
Kansas City, Mo.
Leavenworth, Kans.
Milwaukee, Wis.
Minneapolis, Minn.
Omaha, Neb.
Peoria, Ill.
Pueblo, Colo.
Rock Island, Ill.
St. Joseph, Mo.
St. Louis, Mo.
St. Paul, Minn.
Sioux City, Ia.
Superior, Wis.

Tickets will also be on sale to St. Paul and Minneapolis on November 9th. Liberal stopover privileges. Final return limit January 31st, 1913; tickets sold December 21st and 23d will bear final return limit of February 28, 1913.

Take advantage of these low excursion fares and visit your friends in the East. For tickets and information call on your local agent or

J. T. McGAUGHEY Assistant General Freight & Passenger Agent HELENA, MONTANA

