



BACKBONE OF AGRICULTURE.

Varieties of Sheep and Value of Their Products.

The bleating of lambs is once more heard in the land, says a writer in London Sketch, and the interesting creatures may be seen disporting themselves on the greensward in the sheepfold or wending their way through rural lanes.



BARBARY SHEEP.

scarce, the grass lands have afforded continual pasture. A visit to the sheepfold will put up quite a cloud of birds—finches, sparrows, starlings and jack-daws, who come to devour the scattered corn.

I have photographed nearly every breed of sheep in these islands, including the wild species found at the zoological gardens, the Welsh mountain and Irish Roscommon in their native pastures, and the tiny Shetlands, and in every case the lambs, when alarmed, rush to their dams for comfort before taking flight, thus exhibiting the instincts of their remote ancestors, who, being comparatively defenseless, had to take to the upper ranges of mountains and trust to their fleetness of foot for safety, their constant exposure to a low temperature eventually inducing the growth of a warm, woolly covering.

In due time they were introduced to this country, and ever since the dawn of history Britain has been celebrated for its wool. The Romans very highly esteemed it, and garments made from British wool were worn by their nobility. Indeed it is asserted by some that our immense foreign trade commenced with the export of wool to the continent. Be that as it may, it is an undoubted fact that sheep remain today the backbone of agriculture. First, there is the meat. Early lambs always command a good price, as also do good wethers, ewes and ewes. Then the wool—although its price and quality vary from the lustrous and valuable fleeces obtained from the long woolled Lincolns to the coarse but useful variety obtained from the Scotch highlands and mountains of Cumberland—brings in a considerable sum. Then, too, sheep are known, in the picturesque language of Spenser, as the animals with golden feet, because wherever they have been folded over the land enormous crops are sure to grow, and, lastly, there is the breeding of pedigree sheep, which has developed enormously in recent times, so that prices which would have seemed fabulous to our forefathers have been obtained for a single sheep, the high water mark being reached last year, when a Lincoln ram, owned by Mr. Dudding of Grimsby, was sold for 1,000 guineas. Others have been sold for 2,000 guineas and upward, many of them for export. British stock having won a worldwide renown.

Raising Young Pigs.

If the young pigs lie in the nest much of the time, they will become fat and sleek, and the feeder may imagine he is accomplishing excellent results. But before long it will be noticed that they seem to breathe hard, breathing by short, panting breaths. In advanced stages they will turn green or black on the belly.

This trouble is known as thumps, and is caused by the pig getting fat around the heart. Exercise is the preventive and cure. The pig must be kept stirring and not allowed to lie around in this way. Feed a little soaked corn on a clean

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floor, thus compelling them to be on their feet to gather it up.

Get in the pen and stir them out of their nest and force them to run about; but, best of all, turn them out in a lot or yard as soon as possible and they will take exercise for themselves.

The feed should be given in a side pen, where the mother sow cannot gobble it all up before the pigs have had a chance to get any.

As they grow older and there is no danger of their becoming too fat give them some skim milk in a low trough, and also mix in a thick slop ground wheat or middlings or oats with the shucks sifted out, and give also in a low trough.

Buttermilk is equally as valuable as skim milk, if fed without the usual admixture of water from washing the butter in the churn.

The wash water may be utilized by mixing with grain. If any be left, it should be removed.—Farm Journal.

Care of Brooders.

As soon as the chicks are out of the brooders and you are through using them for the season clean them up and get them into winter quarters out of the way. Don't put the brooder away dirty and think you will clean it up in the spring before you are ready for it. If you do, you won't have a brooder fit to use when you are ready for it.

When you are through using it for the season, scrape it out thoroughly and wash it inside and out with good hot soap suds to which a little kerosene has been added; use a scrubbing brush and get it clean. Then go over it again with clean, hot, soapy water and finish off with a cloth, wiping the boards dry. Wash the hover felts if they are dirty and make the whole clean. If it is a hot air brooder, remove the heater and clean out the hot air chamber. You will be surprised to see what a lot of filth has found its way in there. Turn the brooder upside down and brush the sheet iron free of soot. To keep it from rusting apply a thin coat of raw linseed oil to the iron. Leave the brooder open in the sun, and let it thoroughly dry before you put it away. Have all the parts in place and everything where you can lay your hands on it when wanted. Clean up the lamp, and do not put it away with oil in it. Wrap it up in newspaper to keep it free from dust. If it is a tin lamp, scrape the blistered paint out of the water pan, make it clean and dry, and then give the pan a fresh coat of some good water proof paint; in a week put on a second coat. If you only attend to these little things as you should, you will have a good, clean brooder to use when needed, and you will also save money.

Some English Cranks.

When I lived at Newport, R. L., from 1864 to 1878, says Colonel T. W. Higginson, in The Atlantic, there was a constant procession of foreign visitors, varying in interest and often quite wanting in it. I remember one eminent literary man who, in spite of all cautions to the contrary, appeared at a rather fashionable day reception in what would now be called a golf suit, of the loudest possible plaid, like that of the Scotch const in Punch who comes down this dressed for church to the terror of his genteel cousins. In this case the visitor also wore a spy-glass of great size, hung round his neck, all through the entertainment.

Another highly connected Englishman, attending an evening reception given expressly for him, came into the parlor with his hat and umbrella in his hand, declining to be parted from them through the whole evening, which suggested to a clever Newport lady the story of the showman who exhibited a picture of Daniel in the lions' den and pointed out that Daniel was to be distinguished from the lions by having a blue cotton umbrella under his arm. In this case, the lady remarked that the conditions were reversed, since it was the lion that carried the umbrella.

Measuring Time.

Just when the day became divided into hours is not known, nor is the process explained. The Greeks and Romans measured time by the water glass and the sun dial. The hourglass, filled with sand, was the outgrowth of these vessels, from which the water dripped through tiny openings.

If a pair of herrings could be left to breed and multiply undisturbed for a period of 20 years, they would yield an amount of fish equal in bulk to the globe on which we live.

Nothing takes impudence out of people so promptly as adversity.—Acheson Globe.

The Latest X Ray Invention

Is the Endoscope, which is for the purpose of examining the interior of the stomach. It is claimed, that with this instrument, the treatment of stomach troubles will be revolutionized, as it locates the cause of disease. With due respect to science, however, would state that the causes of stomach troubles have been known for the past fifty years, and likewise their cure, which is Hostetter's Stomach Bitters, a medicine that has many imitators, but no equals. It cures dyspepsia, indigestion, biliousness, constipation, nervousness, insomnia. It also prevents malaria, fever and ague, and keeps the bowels regular. When not feeling right, take a dose. It is the standard medicine of the American people. Look for Private Revenue Stamp over neck of bottle.

Estray Notice.

Came to my place, three miles west of Palouse, on Palouse river, on or about March 15, 1899, one roan cow, about thirteen years old, weight about 900 lbs., marked with cut in lower part of both ears, no brands or other marks. Owner will please call and prove property, pay all charges and take said animal away. H. H. CHOAT, P. O., Palouse, Wash.

I am now prepared to do all kinds of land business, homestead entries and proofs, contests, etc. Have had 13 years experience in land cases. W. A. Inman, U. S. Commissioner, Colfax, Wash.

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RECORDS FOR THE WEEK.

History of the Transactions in Whitman County Lands.

Patents.

U S to James M Mashburn, sw qr nw qr, hf sw qr, se qr sw qr, 4 18 44.

Deeds.

N P Ly Co to J Y Addington, s hf se qr 32 41, \$ 280 00

D F Anderson to Joseph Jones, It 6 b 4, Rosalia, 50 00

Gottfried Horn to Paul Maurer, sw qr 12 18 43, 1500 00

I Board to Paul L Bigelow, It 18 b 23, Oakesdale, 100 00

Samuel Brown to L A Bigelow, tract Oakesdale, 145 00

D W Trux to A Henderson, It 5 b 5 Tekoa Cemetery, 15 00

D W Trux to T H Huffman, It 34 b 5, Tekoa cemetery, 15 00

Directors School Dist. No. 821 to Geo T Huffman, It 3 b 6, Geo T Huffman's add Tekoa, 1 00

W J Hamilton to Mary E Dunn, It 4 b 27, Colfax, 525 00

Henry R Reed & James G Harris, tr et al to James H Lindsey, se qr 23 18 42, 769 00

Ed Lester to J P Delt, Its 3 4 5 6 b 11, Brooding's add Palouse, 375 00

Sheriff to C W Leit, s hf se qr, se qr sw qr, e hf sw qr sw qr 20 16 45, 2032 30

Church of United Brethren in Christ for creditors, stock merchan- dis, tract Colfax, 500 00

ft, It 7 b 18, Rosalia, 500 00

Louis Band to Wm H Henneck, It 3 b 7 Rossier's add, Pullman, 160 00

Wm H Smith to E B Fletcher, n hf se qr, se qr se qr, 2000 00

C Schurra to J C Williams, It 11 b 19, Rosalia, 600 00

Jacob D Kaufman to W F Hickman, ne qr, n hf se qr 23 15 43, 3800 00

John P O Dell to A Good, It 1 b 28 qr nw qr, 800 00

Articles of incorporation of "Rosalia Mining Company", 300 00

C P Fleming & Co to A Kuhn, assign- ment for creditors, stock merchan- dis, tract Colfax, 46 00

A Cohn to A L McKee, 46 00

1st Nat Bank Pullman to Julia R Bridges, s hf se qr, s hf sw qr 26 15 43, 2500 00

H Kay to H J Russell, Its 4 b 8 Tekoa, 1 00

A N Huffman to H J Russell, 1 1 2 bl Huffman's 2d add Tekoa, 1 00

E Rush to C R Evans, w hf 1 4, 153 Farmwood, 250 00

EP Atchison to E G Faires, part 1 5, 6 b 5, Garfield, 1000 00

C A Walters to S McCarty 15 6 7, b 23 Farmington, 100 00

B F Nichols to L B McKay & Ross Rupert, agreement, 100 00

In the matter of the bankruptcy of William O Bridges, 750 00

2nd Nat Bank Colfax to W C Choat, se qr 26 17 45, 1700 00

John Schmidt to S T Choat, Bond hf It 11 b 2 Wiley's add Palouse, 90 00

D F Anderson to A Lee, It 6 b 9, It 2 D N Lake to J P Sparks, It 3 b 12 Huffman & Lake's add to Huffman's 2d add Tekoa, 25 00

D G Ferguson to Colton Building As- sociation, part 7 b 5, Colfax, 150 00

A J Bickford to Peter Jacobson, tract of 26 15 acres 22 16 43, 1200 00

Daniel Kirkwood to W N Stipe, nw qr 24 17 42, 2000 00

W W Green to David Klopfenstein, n hf 17 14 43, 560 00

Paschal Jennings, Sr to Jaschal Jen- nings, Jr, Its 9 10 b 5, St John, 1 00

N P Ry Co to Michael Byrne, e hf sw qr 35 18 45, 640 00

Joseph Scherer to Joseph Krutz, sw qr, nw qr se qr, and tract 24 12 45, 2000 00

Joseph Duling to Frank W Webster, Its 3 b 24 amended plat Garfield, 125 00

Julia H Coffey to O M Godfrey, It b 12 Oakesdale, 1 00

F E Pollard to Wm H Hollants, Its 1 2, e hf nw qr 19 20 40, 20 00

N W & P Hypothec Bank to Russel F Nakin, sw qr 31 19 46, It 3, 6 18 46, 5150 00

Real Mortgages.

Frederick Reinke to Alliance Tr Co, ld, w hf ne qr, se qr 3 17 41 tract, 250 00

J J Pedigo to Ed Lister, Its 3 4 5 6 b 11, Breeding's add Palouse, 375 00

Wm Green to T Dray, nw qr 12 18 43, 2700 00

N J Flint to Olive F Lyons, Its 3 4, 29 29 46, 500 00

R E Martin to T J Neil, sw qr 31 19 46, It 3, 6 18 46, 1600 00

Kate Sells to Deming I Co, e hf se qr, se qr se qr, s hf ne qr, s hf nw qr se qr 6 17 45, 1100 00

Kate Sells to Deming I Co, e hf se qr, se qr se qr, s hf ne qr, s hf nw qr se qr 6 17 45, 132 00

Miles W Ramsey to Western Loan & Savings Co, Its 9 10 b 5, S Huffman's add Tekoa, 500 00

Pirna Gilbert to Jesse Banta, e hf se qr, e hf ne qr 18 18 41, 500 00

Hugh P Farr to Investors Mtg. Security Co, ld, sw qr 12 15 40, 400 00

C M Hitchings to Investors Mtg. Sec Co, ld, sw qr, e hf se qr, e hf ne qr se qr 11 18 42, 2350 00

H J Russell to E Lombard jr blk 8 9 Tekoa, 1 1 2 bl Huffman's 2d add Tekoa flooring mill etc, qr 12 18 43, 5000 00

Thomas Cokley to Deming Inv Co, sw qr, w hf se qr 19 19 45, 2000 00

P Jacobson to A J Bickford tract 32 16 43, 400 00

Oregonian to J W Longstreet, ex- tension of time of mortgage n hf se qr 13 14 45, 700 00

W H Cochran to A P Johnson, Mgr, nw qr 24 17 45, 457 80

D F Anderson to J K McCornack, 2 horses, harness, 2500 00

Ed Hostetter to Duling Bros, horses, Ed Hostetter to Duling Bros, crop 1900 ne qr 25, crop 1900 sw qr 26 17 44, 800 00

J C Turner to James Cairns, cows, sheep, 85 00

J B Crawford to Elder Brothers of Moscow, drill, plow, 34 25

C N Hitchings to James Cairns, crop 1900, w hf 1 18 42; cattle, horses, wagon, harness, warrow, 142 00

Geo Weitz to A Stoneberger, 2 horses, Joseph Raymond to J K McCornack, crop 1900 sw qr se qr 30, nw qr 31, n hf nw qr 31 42 5 West Boise Meridian, 29 00

Tady, Campbell & White to A B Hill, 12 46; n hf 2, ne qr 3 11 45, 35 00

J B Sumner to Sparks Brothers, crop ne qr, sw qr 17 20, sw qr 17 20, 6214 71

W B Stephenson to Pullman State bank, crop n hf s hf 31 14 45, 1294 00

Geo Rafus to A Stoneberger, 2 horses, 50 00

A Cohn to B W Tyson, 35 00

W W Howard to A Kuhn, 3 crop nw qr 33-17-43, 80 00

H J Russell to B Lombard Flour mill and warehouse Tekoa, 5000 00

W A Holden to Joseph Kiloy 2 horses wagon etc, 50 00

C A Sherman to A P Johnson horses wagon etc, 743 99

C O Isaacson to J T Lobough & Co, harness, crop n hf sw qr 7 15 45, 570 75

H M Leininger to Barclay, Eager & Co, engine, 150 00

A Weitz to Henry Meyers, horses, harness, 100 00

J W Spalter to James Cairns cattle, horses, 237 00

C D Crow to Frank Covert crop n hf nw qr 23-16-45, 200 00

J E Roberts to 1st Nat Bank, Colfax horses, wagon harness etc crop hf 23-13-43, 1975 44

W I Dailey to W F Chaloner, 2 horses, wagon, harness, 179 00

W H Cochran to A P Johnson, Mgr, crop 1900 nw qr 24; crop se qr 25 17 45, 457 80

Releases of Mortgages.

Jas H Tallman to John R Lee, 500 00

Pennsylvania M I Co to Burt Gray, 300 00

Penn M I Co to Harry A Hulm, 750 00

Deming I Co to John F Mohr, 1400 00

A Cohn to B W Tyson, 35 00

A Cohn to A L McKee, 46 00

P W Madsen tr to E P Atchison, 1000 00

1st Nat Bank Tekoa to H J Russell, 3000 00

Vermont L & Co to Robert T Cox, 1650 00

Vermont L & Co to Edwin L Knapp, 3400 00

Jas H Tallman to Geo W Paice, 1000 00

Jas H Tallman to S B Peterman, 1290 00

Jas H Tallman to F M Sever, 300 00

Harry Cornwall to F M Sever, 45 00

Henry Cornwall to G H Baker, 600 00

H Cornwall to James N Roads, 30 00

Miscellaneous

Charles T Perigo vs Elizabeth C Pepper et al.—Lis pendens, 100 00

2d Nat Bank, Colfax vs Jay B Cram et al.—Lis pendens, 100 00

Bills of Sale.

Studebaker Bros to H E Moysen B S wagon, 46 00

N W Collins to G D Brown & W H Catward meat market etc Tekoa, 1400 00

P F Anderson to C L Sumner, cattle, 500 00

F J Cohn to Geo N Sheldon, Colfax, B. S., horses, harness, wagon, 300 00

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Call, Weekly, San Francisco, 2.25

Cosmopolitan Magazine, New York, 2.35

Century Magazine, New York, 5.05

Chronicle, Weekly, San Francisco, 2.05

Enquirer, Weekly, Cincinnati, 2.05

Examiner, Weekly, San Francisco, 2.05

Farm and Fireside, Springfield, O., 1.75

Globe-Democrat, Twice-a-Week, St. Louis, 2.30

Harper's Magazine, New York, 4.75

Harper's Bazar, New York, 4.75

Inter Ocean, Weekly, Chicago, 1.90

Leslie's Illustrated Weekly, New York, 3.55

Lippincott's Magazine, Philadelphia, 3.35

Ledger, Weekly, Tacoma, 2.30

Munsey's Magazine, New York, 2.40

McClure's Magazine, New York, 2.35

Northwest Horticulturist, Tacoma, 1.85

National Tribune, Washington, 2.45

Northwest Magazine, St. Paul, 2.55

Oregonian, Weekly, Portland, 2.50

Orange Judd Farmer, Chicago, 2.30

Public Opinion, New York, 3.55

Post-Intelligencer, Seattle, 2.30

Review of Reviews Magazine, New York, 3.55

Scribner's Magazine, New York, 4.05

St. Nicholas Magazine, New York, 4.05