



CORN FEEDING.

How to Make the Most Out of Pork, Beef, Mutton and Dairy.

There is in this country an immense corn crop this year. Much the larger part will be fed and sold in secondary products—pork, beef, mutton, poultry and the products of the dairy. All of these for a year or more to come can be supplied by this country cheaper than by any other and mainly because our corn crop is so bountiful.

Thanks to the increasing intelligence of farmers, wasteful methods are now much less common than they were. But there are errors in feeding still tolerated that greatly lessen the value of the corn crop. In the first place corn is not itself a complete ration. It is concentrated starch with too little of the nitrogenous or flesh and muscle forming nutrition.

The greatest mistake in corn feeding is to use it largely for young growing stock of any kind. Corn is fattening and does not furnish in sufficient quantity the nutrition needed for growth. It is also a much more difficult food to digest than are grains which are oily, like flaxseed, which is, however, so much more nutritious that it can only be given in very small rations with safety.

Experience has been against feeding much corn to poultry. If given at all, it should only be in cold weather and mixed with enough cut straw to give the fowls exercise in finding it.

There is nothing better to feed with corn than some kind of roots, concludes American Cultivator, authority for the foregoing. Turnips are not so popular here as they are in the moist climate of England, but carrots, beets, parsnips and mangel wurtzel can and should be grown by every stockkeeper to feed to animals in winter.

Composting Manure. The question whether it pays to compost manure rather than to haul it as fast as made directly upon the field where it is to be used must always depend on circumstances.

On the farm it is counted good practice to haul out the manure as top dressing for clover grass or for grain that is to be seeded with clover in the spring. There is little or nothing of value washed away from manure on land seeded with grass or clover. The roots take it up whenever the grass or clover is growing, and by being drawn out early the rains carry it down and mix it more thoroughly with the soil.

Wherever farmers want to give an early start in vegetation they should compost the manure. It can be rotted down long before the weather is warm enough for anything to grow, and then be applied in time for spring rains to wash the manure into the soil.

Shredded Corn Fodder. "After having been cut and shocked in the field the corn should stand in the shock until it is as dry as if intended for husking. It may be ricked out of doors, and if the stalks are not thoroughly dry, this is probably the safer plan. We have never piled it much deeper than three feet in an 8 by 8 foot corner on the barn floor, and it heated a little in a pile of this size, although there was no mold or other damage.

Worthy of Notice. The S. B. Medicine company is the only one out of nine proprietary medicine firms incorporated on this coast since 1887 that has not made an assignment. These hard times with new newspaper advertising contracts for two years, it speaks loudly of their merit. For sale by C. G. Huntley, druggist.

Avoid Consumption. by stopping that cough. We know of no better remedy for coughs and colds than the S. B. Cough Cure. For sale by C. G. Huntley, druggist.

are running out, along with one feed of hay a day. By using shredded fodder for cattle once a day we saved one feed of hay, and I found that it did not decrease the milk flow. The top and bottom of stacks we cut for bedding, and it makes most excellent material for that purpose."

Government Crop Reports.

The returns to the statistician of the agricultural department for October make the general condition of corn 90.5 per cent against 91 for September. The wheat crop is generally short in quantity and poor in quality. A decrease in oats is also noticeable, but not to so great an extent.

The world's sugar crop for 1895-6 is placed at 7,069,756 tons against 8,208,361 tons last year. In this estimate the beet sugar producing countries, excluding the United States, furnish 4,235,100 tons against 4,888,500 in 1894-5. The world's visible supply is estimated to be 1,331,300 tons against 1,500,413 tons last year. Returns for cotton show a decline of 3.5 points from September condition, being 6.7 for October.

In the Vegetable Garden. Plowing before winter is a help where early garden stuff is grown. Where drainage is deficient put in tile drains.

A good way to store cabbage is to open trenches and set the heads in them, closely together upon their roots, filling in a little soil. Then cover with an inverted trough made of two boards, and this, later on, with litter or manure. Soft heads thus set out will grow hard during winter. The stumps may be planted out in spring and will produce a crop of good greens. Celery may be stored in the same manner for spring use.

A coat of old compost for next year's service may be put on the asparagus bed at any time.

Electric Bitters.

Electric Bitters is a medicine suited for any season, but perhaps more generally needed, when the languid exhausted feeling prevails, when the liver is torpid and sluggish and the need of a tonic and alterative is felt. A prompt use of this medicine has often averted long and perhaps fatal bilious fevers. No medicine will act more surely in counteracting and freeing the system from the malarial poison. Headache, Indigestion, Constipation and Dizziness yield to Electric Bitters. 50c and \$1.00 per bottle at Charman & Co's Drug Store.

Our Standing at Home.

"Four out of every five bottles of medicine sold in the last five years are S. B. goods. The S. B. Headache and Liver Cure I use myself as a general physic. If you are sick and want to get well, the quickest, cheapest and safest method is to buy the S. B. remedies and use as directed. C. P. BALCH, druggist, Dufur, Or." For sale by C. G. Huntley.

Bucklen's Arnica Salve.

The best salve in the world for Cuts, Bruises, Sores, Ulcers, Salt Rheum, Fever Sores, Tetter, Chapped hands, Chilblains, Corns, and all Skin Eruptions, and positively cures Piles or no pay required. It is guaranteed to give perfect satisfaction or money refunded. For sale by Charman & Co., Charman Bros. Block.

A Home-like Hotel.

Farmers and the traveling public will find a comfortable home-like place to stop at when in Oregon City at the Oriental hotel. Table supplied with an abundance of the best the market affords. Rooms and beds are clean and comfortable.

Our 25 cent meals are not excelled. JOHN DRESCHER, Prop.

For the Lungs.

Elder Alson W. Steers writes from Portland, Or., "There is no medicine for the throat and lungs that I can recommend to ministers, public speakers and singers, with the confidence that I can the S. B. Cough cure." 50 cents a bottle. For sale by C. G. Huntley, druggist.

For the Kidneys.

"I am 65 years old; have had kidney disease and constipation for 25 years. Am now well—used your S. B. Headache and Liver Cure one year. Used 6 bottles at 50 cents each. J. H. Knight, Rutledge, Or." For sale by C. G. Huntley, druggist.

An Old Standby.

Clarence Porter is so well-known in Oregon City that he needs no further introduction to those wanting blacksmith work. His work always speaks for itself and his prices are always reasonable. Remember his shop is opposite Pope's hardware store, corner Main and Fourth streets.

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The U. S. Gov't Reports show Royal Baking Powder superior to all others.

REAL ESTATE TRANSFERS.

Furnished Every Week by the Clackamas Abstract & Trust Company.

- Angeline Berry to J F Denninger Oct 7 '96 Q C lots 3, 4, 5 Reiland 15
T S Hammond to Mary Robbins Nov 5, '96, W D 3 1/2 acres in Swagle claim 900
U S to Ole Hanson Feb 17 '94 nw 1/4 sec 32 t 6 s, r e 500 Pat
C E Montgomery to Geo W Swope Nov 21, '96 W D 12 1/2 acres in Shannon claim 525
C E Montgomery to B F Swope Nov 21, '96, W D 12 1/2 acres in Shannon claim 525
J W Shaw to T Beutemiller lot 16 blk 7, Shaw's first add 250
Clarence Engle to S R Taylor Oct 30 '96, W E 1/2 of ne 1/4 and sw 1/4 of ne 1/4 except 20 acres sec 30, t 5 s, r 1 e 1250
J W Miller to B H Bowman Nov 23, '96 Sheriff's deed 6 acres and 70 rods in sec 9, t 1 s, r 2 e 500
Jacob Crader to G H Brown et al Nov 13, '96 78 in sec 36, t 3 s, r 1 e 2000
F. Schneider to John Riechen 40 acres in Robert Arthur claim 1200
W Briggs to Matt Roberts Oct 29 '96 W D 1/2 of se 1/4 and s 1/2 of ne 1/4 sec 4 and 35 acres in n 1/2 of sw 1/4 sec 3, t 8 s, r 2 e 600
F W Sprague to A Sprague Nov 24 '96 W D 2 1/2 acres in Thos Waterburg 326
F W Sprague Nov 24, '96 W D tract in Minthorn 600
J N Duncan to A Deakins Aug 31 '96 W D tract in claim 39, t 2 s, r 2 e 3800
J N Duncan to A Deakins Aug 31, '96, Q C part of claim 49, t 2 s, r 2 e 1
F W Sprague to A Sprague Nov 24 '96 W D 40 acres in North claim 900
W F Knight to J B Thomas Aug 13, '96, W D 40 acres in Geo Palmateer claim 5
Peter Roberts to Julia Roberts Nov 25 '96 W D lots 2, 3, 5, 6, 7, 8 and 9 blk G Clackamas Heights 250
N W Woodruff to R Hazard Nov 16, '96 S W D 20 acres of e 1/2 of w 1/2 of ne 1/4 sec 1, t 2 s, r 2 e 250
Windsor Land & Imp Co to John McDonell lot 3, blk 14 Windsor 200
Jacob Wind to Schille Lodge No 3 Oct 6 '96, W D se 1/4 of nw 1/4 and lots 3 and 4, sec 5, t 2 s, r 2 e 350

THE CLACKAMAS ABSTRACT & TRUST CO. are the owners of the copyright to the Thorne system of abstract indexes, for Clackamas county, and have the only complete set of abstracts in the county, can furnish information as to title to land at once, on application. Loans, investments, real estate, abstracts etc. Office over Bank of Oregon City. Call and investigate. Address box 377, Oregon City Oregon.

Oregon City Market Report.

- (Corrected weekly.)
Wheat—No. 1 merchantable, 80 cents per bushel.
Flour—Portland, \$5.00; Howard's Best, \$4.90; Fisher's Best, \$4.90; Dayton, \$4.90; Pendleton, \$5.10
Oats—in sks, white, 40 cents per bushel, gray, 40.
Millstuffs—Bran, \$14.50 per ton; shorts, \$15.00 per ton.
Potatoes—60 cents per sack.
Eggs, 27 1/2 cents per dozen.
Butter—Ranch, 35 to 40 cents per roll.
Onions, 85c per sack.
Green apples, 90c to \$1 per box.
Dried Fruits—Apples, unbleached, 5 cents; 50-pound boxes, evaporated, 6c prunes, 5 to 7 cents; plums, 4c.
Bacon—Hams, 12 1/2 cents; sides, 8 to 10; shoulders, 5 to 6; lard, 8 to 10.
Livestock and Dressed Meats—Beef, live, 2 to 4 cents; hogs, live 2 1/2 cents; hogs dressed, 4 cents; at cap, \$1.25 to \$2.00 per head; veal, dressed, 5 cents.
Poultry—Chickens, young, from \$1.50; old \$3.00, turkeys, alive, 8 cents per pound.

STATE OF OHIO, CITY OF TOLEDO, ss. LUCAS COUNTY.

Frank J. Cheney makes an oath that he is the senior partner of the firm of F. J. Cheney & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of Catarrh that cannot be cured by the use of Hall's Catarrh Cure. FRANK J. CHENEY, Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1896.

A. W. GLEASON, Notary Public.

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free. F. J. CHENEY, & CO., Toledo, O. Sold by druggists, 75c. Hall's Family Pills are the best.

LOCKHART, TEXAS, Oct. 15, 1889. Messrs. Paris Medicine Co., Paris, Tenn.

Dear Sirs:—Ship us as soon as possible 2 gross Grove's Tasteless Chill Tonic and will not have any other. In our experience of over 20 years in the drug business, we have never sold any medicine which gives such universal satisfaction. Yours respectfully, J. S. BROWNE & Co. For sale by C. G. Huntley, druggist

Legal Notices.

Assignee's Notice.

NOTICE IS HEREBY GIVEN THAT THE undersigned has filed in the Circuit Court of Oregon, for Clackamas County, his final account as assignee of the estate of Henry Withers, deceased, and a decree has been made, January 4th, 1897, at 10 o'clock A. M., as the time for hearing and settlement thereof. C. R. SMITH, Assignee aforesaid. Dated, November 27, 1896.

Notice of Final Settlement.

NOTICE IS HEREBY GIVEN THAT THE undersigned has filed his final report as executor of the estate of John F. Foreman, deceased, in the County Court of Clackamas County, Oregon, and the County Court has fixed January 4th, 1897, at the hour of 1 o'clock p. m., as a day and time for the hearing of said report and objections thereto, if any there are, and for the settlement of said estate. S. G. C. PERDUE, Executor. Dated, November 13th, 1896. 12-4, 1-1

Executor's Notice.

HAVING BEEN DULY APPOINTED EXECUTOR of the real and personal estate of Peter A. Weiss, deceased, we hereby notify all parties having claims against the said estate to present the same, properly verified, and with the proper vouchers, to A. L. Frazer and Geo. W. Swope, at the office of B. F. & G. W. Swope, in Oregon City, Oregon, within six months from the date of this notice or they will be forever barred. Dated, Oregon City, Oregon, Nov. 14, 1896. A. L. FRAZER and GEO. W. SWOPE, Executors of the estate of Peter A. Weiss, deceased. 11-30, 12-15

Administrator's Notice.

NOTICE IS HEREBY GIVEN OF THE appointment by the County Court of the State of Oregon, for the County of Clackamas, of Charles Heinz, as administrator of the estate of George Fritz, deceased. All persons having any claims against said estate are hereby notified to present said claims, properly verified, to the administrator, at Woodville, Oregon, or to A. S. Brewer, at Oregon City, Oregon, the attorney of said estate, within six months from this date. CHARLES HEINZ, Administrator of the estate of George Fritz, deceased. Dated, November 30, 1896. 12-4, 1-1

Executor's Notice.

In the County Court of the State of Oregon, for Clackamas County.

THE UNDERSIGNED, HAVING BEEN BY the County Court of the County of Clackamas, and State of Oregon, appointed executor of the last will and testament of L. A. Seely, deceased, notice is hereby given to all persons having claims against the said estate, to present the same to me, properly verified, for payment at the law office of L. L. Hart, in Chamber of Commerce, Portland, Oregon, within six months from the date of this notice. SOPHIA H. SKELLY, Executor of the last will and testament of L. A. Seely, deceased. Dated, November 21, 1896. 11-27, 12-25 L. T. HARRIS, Attorney for Executor.

Citation.

In the County Court of the State of Oregon, for the County of Clackamas. In the matter of the estate of Almada M. Anderson. To Elmore Wakefield, Praxilla Kreitzberg, Emma Tomlin, Lily S. P. Tol, Almada McKenney, Lillian Bell, We-ding, Fredella McKinstry, and to all others unknown, greeting:

IN THE NAME OF THE STATE OF OREGON, you are hereby cited and required to appear in the County Court of the State of Oregon, for the County of Clackamas, at the court room thereof, at Oregon City, in the County of Clackamas, on the 31st day of January, 1897, at 10 o'clock in the forenoon of that day, then and there to show cause, if any exist, why an order of court should not be made, allowing the sale of the following real estate: The south half of the southeast quarter of section 13, in section 13, township 2 south, range 3 west, in Clackamas County, Oregon, less 10 acres as described in a deed from Wm. Kee to Almada M. Anderson, witness, the Hon. G. E. Hayes, Judge of the County Court of the State of Oregon, for the County of Clackamas, and the seal of said court hereto affixed, this 27th day of November, A. D. 1896. 12-4, 1-1 ELMER DIXON, Clerk.

GROVES TASTELESS CHILL TONIC IS JUST AS GOOD FOR ADULTS. WARRANTED. PRICE 50 cts. Paris Medicine Co., St. Louis, Mo. Gentlemen—We sold last year, 600 bottles of GROVES' TASTELESS CHILL TONIC and have bought three gross already this year. In all our experience of 14 years, in the drug business, we have never sold an article that gave such universal satisfaction as your Tonic. Yours truly, ANNEE, CARB & CO. For sale by C. G. Huntley.

POPULAR SCIENCE News Nature, Invention, Botany, Electricity, Chemistry, Medicine, Hygiene, Health. Formerly BOSTON JOURNAL OF CHEMISTRY ENLARGED AND IMPROVED. Contains a large number of Short, Easy, Practical, Interesting and Popular Scientific articles, that can be appreciated and enjoyed by any intelligent reader, even though he knew little or nothing of Science. Profusely Illustrated and Free from Technicalities. Newsdealers, 10 cents. \$1.00 per year. Mention this paper for a sample copy. Largest Circulation of any Scientific Paper in the World. PUBLISHED MONTHLY BY BENJ. LILLARD, New York.

Yamhill River Route. Steamer Toledo,

LEAVES DAYTON. Monday, Wednesday and Friday at 6 A. M., reaching Oregon City, for Portland about 11:30 A. M. LEAVES PORTLAND. Tuesday, Thursday and Saturday at 9 A. M. Salmon St. dock, reaching Oregon City, for upriver points about 11 A. M.

Through trip to Lafayette and McMinnville made when depth of water permits. Freight and passengers rates reasonable.

Regulator Line. PORTLAND TO THE DALLES

By the fast and commodious steamers DALLES CITY AND REGULATOR

Daily boats, except Sunday, leaving Oak street dock at 7 a. m., making regular landings at Vancouver, Cascades, White Salmon, Hood River and all intermediate points. Passenger and freight rates lower to these points than by any other line. First class meals served for 25c.

Table with columns: No. 2, No. 8, DEPART, ARRIVE, For all Eastern points, The Dalles Local.

For full details call on or address, W. H. HURLBURT, Gen. Passenger Agent, E. McNEILL, Portland, Or. President and Manager.

EAST AND SOUTH THE SHASTA ROUTE

Express Trains leave Portland Daily.

Table with columns: South, North, Lv Portland, Lv Oregon City, Lv Astoria, Lv Clatskanie, Lv Tillamook, Lv Seaside, Lv Cannon Beach, Lv Astoria, Lv Clatskanie, Lv Tillamook, Lv Seaside, Lv Cannon Beach.

The above trains stop at East Portland, Oregon City, Woodburn, Salem, Tualatin, Marion, Jefferson, Albany, Tangent, Seaside, Halsey, Harrisburg, Junction City, Eugene, Creswell, Cottage Grove, Drain, and all stations from Roseburg to Astoria inclusive.

Pullman Buffet Sleepers. Second-Class Sleeping Cars Attached to all through trains. ROSEBURG MAIL (Daily).

Table with columns: Lv Portland, Lv Oregon City, Lv Astoria, Lv Clatskanie, Lv Tillamook, Lv Seaside, Lv Cannon Beach.

SALEM PASSENGER (Daily).

Table with columns: Lv Portland, Lv Oregon City, Lv Astoria, Lv Clatskanie, Lv Tillamook, Lv Seaside, Lv Cannon Beach.

West Side Division. BETWEEN PORTLAND AND CORVALLIS. Mail Train, Daily (Except Sunday).

Table with columns: Lv Portland, Lv Oregon City, Lv Astoria, Lv Clatskanie, Lv Tillamook, Lv Seaside, Lv Cannon Beach.

At Albany and Corvallis connect with trains of Oregon Central & Eastern Railroad. Express Train Daily (Except Sunday).

Table with columns: Lv Portland, Lv Oregon City, Lv Astoria, Lv Clatskanie, Lv Tillamook, Lv Seaside, Lv Cannon Beach.

THROUGH TICKETS TO ALL PORTS IN THE EASTERN STATES, CANADA AND EUROPE Can be obtained at the lowest rates from E. E. Boyd, Agent, Oregon City. R. KOEHLER, Manager. A. S. G. F. and Pass. Agent.

WHITE COLLAR LINE. COLUMBIA RIVER & PUGET SOUND NAV. CO.

PORTLAND, ASTORIA, FLAVEL AND ILWACO. Alder Street Dock, Telephone No. 351.



Steamer Telephone leaves Portland daily at 7 A. M., except Sunday. Leaves Astoria daily at 7 P. M. except Sunday.

O. R. & N. Co.'s boat leaves Alder street dock at 8 P. M. for Astoria, except Sunday. Saturday at 11 P. M. from Ash street dock. Leaves Astoria daily at 7 A. M. except Sunday.

Tickets of both lines good on each boat. E. A. SEELEY, Agent. U. B. SCOTT, President.

NERVE SEEDS - WEAK MEN This Famous Remedy cures quickly, permanently all nervous diseases, Weak Memory, Loss of Brain Power, Headache, Wakefulness, Restlessness, Night Sweats, etc. It builds up the system, restores vitality, and makes the weak man a strong man. It is a nerve tonic, a blood purifier, a brain stimulant, and a general health builder. It makes the pale and puny strong and plump. It is a perfect and safe remedy for all nervous diseases. It is a perfect and safe remedy for all nervous diseases. It is a perfect and safe remedy for all nervous diseases. It is a perfect and safe remedy for all nervous diseases.