

Roller-Cum-Helmizer

SHEEP RAISING.

Going Into It on a Two Hundred Acre Farm of the Middle West.

A farmer who owns a 200 acre farm on good clay land in central Indiana asks for advice. This farmer has about 100 acres of tillable land, remainder in hill pasture and woodland. He wishes to get into sheep raising and asks a few questions, nothing else will do. If the number is gradually increased in this way we avoid costly mistakes that are sure to come if large investments are made at the beginning with very little or no experience. I would like the rotation of crops just as it is—clover, corn and wheat—first, but instead of selling the corn I would feed it to the sheep, selling the wheat on a feedling the clover hay, of course. There is no better crop to raise for sheep than corn. To get the most out of this

J. L. COLLINS,

Attorney and Counselor at Law,
Solicitor in Chancery.

Has been a practitioner of his profession in this place about thirty years, and will attend to all business entrusted to his care. Office, corner Main and Court streets, Dallas, Tex. Co., Or.

OSCAR HAYTER,

Attorney-at-Law.

Office up stairs in Campbell's building.
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Physician and Surgeon,

Dallas, Oregon.

W. F. MUSCOTT,

TRUCKMAN.

Dallas, Oregon

A fair share of patronage solicited and all orders promptly filled.

MOTOR TIME TABLE.

Leaves Independence for Monmouth and Airlie—
1:20 a. m. 3:30 p. m.
Leaves Independence for Monmouth and Dallas—
1:10 a. m. 3:20 p. m.
Leaves Monmouth for Airlie—
5:20 a. m. 7:30 p. m.
Leaves Monmouth for Dallas—
5:10 a. m. 7:20 p. m.
Leaves Airlie for Monmouth and Independence—
5:30 a. m. 7:40 p. m.
Leaves Dallas for Monmouth and Independence—
1:00 p. m. 3:10 p. m.

R. C. CRAVEN R. E. WILLIAMS,
President, Cashier,
W. C. VASSALL, Assistant Cashier,
DALLAS CITY BANK
OF DALLAS, OREGON.

Transacts a general banking business in all its branches; buys and sells exchange on principal points in the United States; makes collections on all points in the Pacific Northwest; loans money and discounts paper at the best rates; allow interest on time deposits.

SALEM, FALLS CITY & WESTERN RAILWAY

TIME TABLE:
1:30 p. m. 7:30 a. m. Lv. Dallas Ar. 4:30 p. m. 9:50 a. m.
1:30 p. m. 7:40 a. m. Lv. Falls City Ar. 4:30 p. m. 9:50 a. m.
1:30 p. m. 7:40 a. m. Lv. Williams Ar. 4:30 p. m. 9:50 a. m.
1:30 p. m. 7:40 a. m. Lv. Hillsboro Ar. 4:30 p. m. 9:50 a. m.
1:30 p. m. 7:40 a. m. Lv. Dallas Ar. 4:30 p. m. 9:50 a. m.
Daily except Sunday.
Trains stop on signals only.
LOUIS GERLINGER, JR.,
General Manager.

SOUTHERN PACIFIC TIME TABLE

CORVALLIS MAIL—DAILY
7:30 a. m. Lv. Corvallis Ar. 8:30 a. m.
10:45 a. m. Lv. Corvallis Ar. 11:45 a. m.
11:45 p. m. Lv. Corvallis Ar. 12:45 p. m.
At Albany and Corvallis connect with trains of Oregon Central and Eastern railroad.

DALLAS PASSENGER—DAILY, EX. SUNDAY
8:30 p. m. Lv. Dallas Ar. 9:30 a. m.
9:15 p. m. Lv. Dallas Ar. 10:15 a. m.

YAMHILL DIVISION
Passenger depot foot of Jefferson street
AIRLIE FREIGHT—THU-WEDNESDAY
Leave 7:40 a. m. Arrive 3:30 p. m.
Leave 8:30 p. m. Arrive 4:30 p. m.
Arrive 5:30 p. m. Leave 7:00 a. m.

A. J. MARTIN,
PAINTER,
House, sign and ornamental, grain
oil, kalsomming and paper hanging.

R-I-P-A-N-S Tablets
Doctors find
A good prescription
For mankind.

The best package is enough for usual occasions. A small bottle, 60 cents, contains a supply for all emergencies.

water require that a large portion of it be fed as silage in connection with the clover hay. I won't mow the clover but one year and mow it but once during the year, letting the second crop remain on the land to be plowed down for corn, top dressing the land with the sheep manure.

The Pasturing Question.
"It would be a mistake to pasture this clover very much with the sheep. I would prefer to have a permanent pasture for the sheep, and then, if it becomes short, I would feed a ration as a supplement to it. I am aware that most flockmasters when they separate their lambs in late summer from their ewes pasture their clover meadows, and it is an easy way to get in hay, but I do not believe it best in the long run, because this second crop will have much to do with improving the land, so that better crops of corn and wheat can be grown. Instead of pasturing the clover I would prefer to have a field of rape into which the lambs or the sheep could be turned for fall pasture. Of course it would be nothing serious if lambs were allowed to run on the clover field provided they did not eat the clover too short.

Stage For Sheep.
"I would like to say something that would induce this party to try silage as a sheep food. I know of many sheep feeders in Michigan who think that there is no feed like corn silage for sheep, and it is the cheapest succulent food that can be provided. Unless one has silage it is almost necessary to grow some kind of roots so that the sheep may have some kind of succulent feed as a part of their ration."

LIME IN SPRAY MIXTURES.

Variation in Composition—A Point Not a Definite Fact.

By L. A. VOORHEES, New Jersey.
Lime is now quite widely used in the preparation of the various remedies for fungus diseases and insect attacks. In making bordeaux mixture for plant diseases and many of the washes recommended for the San Jose scale, for example, lime is used in varying quantities. The object of the use of the lime in the case of the bordeaux is to convert the sulphate of copper into a hydrate of copper, while at the same time rendering the mixture neutral or alkaline and improving its adhesive properties. In the case of the washes lime is added to serve as a base for the sulphur compounds formed as well as to improve the sticking qualities of the mixture.

Lime a Variable Product.

Owing to the wide variation in the composition of limes, both in reference to the actual lime contained in them and to their form—that is, whether an oxide, a hydrate or a carbonate—it is obvious that one pound of lime is not a definite unit; hence in the formulas used for these mixtures the amount of lime recommended is usually in excess of that which would be required to accomplish the purpose if the term "lime" had reference to a standard rather than a variable product.

GARDEN HINTS

Weeds are grass feeders and rob the garden plants of food and moisture. Cucumbers may still be planted early in the month of June. Stop asparagus cutting, let the shoots grow and keep the ground stirred. Transplant beets in rows one or two feet apart and six inches in the row. Cut off most of the top, water thoroughly, and they will soon start to grow. Lettuce seed does not germinate very well in hot weather. Therefore in sowing make the mixture alkaline. This test, however, should always be used before applying the mixtures, especially in those liable to contain an acid.

50 YEARS' EXPERIENCE PATENTS

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Anyone sending a sketch and description may quickly ascertain our opinion free whether his invention is probably patentable. We communicate our opinion, examine patents for you, (cheapest agency for securing patents, trademarks, designs, etc.) and receive special notices, without charge, in U.S. Patent Office.
Scientific American.
A Specially Illustrated Weekly. Largest circulation in the world. Published weekly. Yearly four months. Sold by all newsdealers.
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Branch Office, 25 F St., Washington, D. C.

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Attorneys-at-Law.

We have the only set of abstract books in Park county, containing abstracts of all money loans. No commission, charged on loans. Rooms 1 and 2 Wilson's block, Dallas.

Ayer's

Bald? Scalp shiny and thin? Then it's probably too late. You neglected dandruff. If you had only taken our advice, you would have cured

Hair Vigor

the dandruff, saved your hair, and added much to it. If not entirely bald, now is your opportunity. Improve it.

"I have used Ayer's Hair Vigor for over 40 years. I am now 81 years old and have a heavy growth of rich brown hair, due, I think, entirely to Ayer's Hair Vigor."
Mrs. N. A. KATZ, Belleville, Ill.
J. C. AYER CO., Lowell, Mass.
All druggists.

Good Hair

The SPORTING WORLD

An American League Notable.
Joseph Gordon, the president of the New York American league club, is a middle aged gentleman of pleasing personality and universal popularity in New York, of which city he is a native. When not engaged in baseball he is engaged in a prosperous coal and wood business. He is a veteran in the game, having been president of the old Metropolitan club, which under his administration won the championship of the old American association in 1884. Mr. Gordon was also a stockholder and director in the old New York Na-



tion league club, of which his brother-in-law, John B. Day, was chief stockholder and president. When Mr. Day retired from baseball Mr. Gordon went out, to only to reappear three years ago with the advent of the American league.
Mr. Gordon is not only a sound baseball magnate, good business man and respected citizen, but also somewhat influential in New York politics. So in all ways has his connection with the New York club been beneficial alike to that club and the American league.

Inter-city Golf Match Next.

An inter-city golf team match similar to that played off by the women for the Griscom cup has been arranged by the men of the Boston, New York and Philadelphia districts. The first match will be played Oct. 27 and 28 on a Metropolitan Golf association links to be named. There will be ten men a side, and one point will count for each match. Two teams will play the first day, and the team which draws the bye will meet the winning team the second day.
The match will consist of singles and four ball matches. Winners in other years will play winners. They will play for a perpetual cup, presented by R. W. Leslie of the Merion (Pa.) Cricket club. Smaller trophies will be given the winners from a fund raised for that purpose by the Massachusetts Golf association, the Metropolitan Golf association and the Golf Association of Philadelphia.
It will be an annual fall event and have no connection with the regular home and home match between Boston and Philadelphia.

International Cricket.

Philadelphia cricket enthusiasts will have an opportunity to see the first team ever sent here by the Marylebone Cricket club, the leading cricket organization of England, as a result of arrangements just made by the Associated Cricket Clubs of that city through Lord Harris. The Marylebone club has promised to send a team to the United States in July under the captaincy of E. W. Mann, this year's leader at Cambridge university. It is assured that the visiting team will be an especially strong one, both because the Britishers will be desirous of making a brilliant showing and because the good form shown by Philadelphia cricketers in England in 1903 created a strong impression. The choice of July as the month for the trip instead of October will be commended because in the former month the season will be at its height and the American cricketers in good shape. Hitherto when

Big Cut on Summer Goods

Everything in the house of the summer goods kind cut from a quarter to a third in price.

MENS' UNDERWEAR
LADIES' UNDERWEAR
LADIES' SHIRT WAISTS

All the spring and summer goods. Everything goes.

Ellis & Keyt, Dallas

REDUCED EXCURSION RATES

To the Seaside and Mountain Resorts for the Summer Vacation.
On and after June 1, 1905, the Southern Pacific, in connection with the Corvallis & Eastern railroad will have on sale round trip tickets from points on their lines to Newport, Yaquina and Detroit at very low rates, good for return until October 10, 1905.
Three day tickets to Newport and Yaquina, good going Saturdays and returning Mondays are also on sale from all east side points Portland to Eugene inclusive, and from all west side points enabling people to visit their families and spend Sunday at the seaside.
Season tickets from all east side points, Portland to Eugene inclusive, and from all west side points are also on sale to Detroit at very low rates with stop over privileges at Mill City or any point east enabing tourists to visit the Santiam and Breitenbush Hot Springs in the Cascade mountains, which can be reached in one day.
Season tickets will be good for return from all points until October 10th. Three day tickets will be good going Saturdays and returning Mondays only. Tickets from Portland and vicinity will be good for return via the east or west side at option of passengers. Tickets from Eugene and vicinity will be good going via the Lebanon-Springfield branch, if desired. Baggage on Newport tickets checked through to Newport on Yaquina tickets to Yaquina only.
S. P. trains connect with C. & E. at Albany and Corvallis for Yaquina and Newport. Trains on the C. & E. for Detroit will leave Albany at 7:30 a. m., enabling tourists to the Hot Springs to reach there the same day. Trains from and to Corvallis connect with all east side trains on the S. P.
Full information as to rates, time tables, etc., can be obtained on application to J. C. Mayo, Gen. Pass. Agt., C. & E. R. R., Albany; W. E. Coman, G. P. & S. P. Co., Portland or to any S. P. or C. & E. agent.
Rate from Dallas to Newport \$4.20
Rate from Dallas to Yaquina \$3.20
Rate from Dallas to Detroit \$3.60
Three-day rate from Dallas to Yaquina or Newport, \$2.50.

Bring Trade to a Town

Every farmer, every business man, it matters not in what part of the United States he resides, should take a lively interest in the good roads movement. There are few matters of such vital interest to the farmers, and the merchants of each and every town are just as much interested. Good, well kept roads leading to a town are sure to bring trade that would otherwise go to some other place. That good roads mean economy; cost less for repairs, consequently lower taxation; mean that teams can haul loads from 50 to 200 per cent greater, and mean less wear and tear on horses and wagons. If there are poor roads in your section start a movement to improve them and you are doing the community a service worthy of highest commendation.

To Protect the Highways.

To prevent destruction of roads Commissioner Hunter of Pennsylvania recommends that it be made a misdemeanor, punishable with a heavy fine or imprisonment, for drivers to injure roads by the use of rough, ice or drag docks or by plowing a gutter alongside the macadam with a heavily loaded wagon or otherwise. He recommends that narrow tires on heavy wagons shall be abolished.

Rural Delivery Notes

Each of the rural routes in operation means a monthly deficit of \$25, that being the average loss to the government on the operation of a single route. This causes a total annual deficit of about \$7,000,000 on account of rural service.
There are pending 4,043 petitions for additional routes. Since the service was established there have been filed 44,194 petitions for rural routes, of which 10,153 have been rejected on adverse reports.
On March 1 there were 29,068 rural free delivery routes in operation.

Mules Shod With Gold.

Sabina Poppaea, the beautiful and luxury loving wife of the Roman Emperor Nero, is said to have had her mules shod with gold. All the world over horseshoes are supposed to possess some occult power of attracting luck and warding off evil.

Ferris and Parent.

Ferris and Parent, who carved around the keystone of the Boston American infield, go about to the limit in covering ground. What goes past these fellows has to have wings on it. Ferris has a valuable knack of coming up with the ball in a good position to make the throw without waste of time. At the opening game in Philadelphia Parent was presented with a toilet set. This inspired Charley Dreyden to say that Fred played a clean game afterward.

Norman Elberfeld.

Norman Elberfeld, the little Tennessee shortstop of the New York Highlanders, is an ideal infielder, full of ginger always and sometimes almost pugnaclous, but that helps win many games.

The White Kink.

Solomon was called by the Jews 'of his time the white kink' from the color of the robes he wore. The allusion made in the New Testament to the lily of the field, a white flower, in connection with Solomon is thus made clearer.

Forest of Reconciliation.

The Feast of Reconciliation, a religious festival, established by Queen Mary, to be held Jan. 25, 1555, to celebrate the return of the Church of England to the see of Rome.

The Battle of Belahoe.

The battle of Belahoe is famous in Irish history as a spilling of the spoils. Two chieftains, O'Neill and O'Donnell, had made a thieving excursion into a neighboring territory and were returning with their plunder when they met an English force and after a brief and feeble resistance ran away, leaving their booty in the hands of the English.

Monterey.

Monterey, a Spanish viceroi, had his name given to the California town in 1603.

Agricultural Implements

PLOWS - WAGONS - CULTIVATORS
HARROWS - BUCCIES - SPRING WAGONS
Plumbing of all Kinds.
All sorts of machine oil. Our blacksmithing is guaranteed. Great variety of things for farmers.
WAGNER BROS. - DALLAS



The Town Crier

Couldn't make an announcement that would please the public better than when we tell them that their laundry work will be done to perfection and the Salem Steam Laundry don't be competed with anywhere in the country for the perfection of its work on linen, silks or woolsens. We defy competition in this line, because if there was any better methods we would have them at once. Try the Salem Steam Laundry. Prices right.
SALEM STEAM LAUNDRY
Leave orders in Dallas with J. J. Fidler or at the Williams confectionery store.

Farmers and Fruit Growers!

When ordering fruit trees and ornamental shrubs, remember the Oregon Nursery company, Salem, Oregon, has earned a reputation for furnishing just what you order. All stock guaranteed "true to name."
Save your order for our representative, or write us direct. To guard against impostors, ask to see Agent's Certificate of Agency.

OREGON - NURSERY - CO.

A fortnight after Easter the English formerly observed a festival called Hocktide. It was customary for the women to go out into the streets with cois and bind the men whom they met until the latter purchased their release with small contributions of money.
Albert Durer's Wife.
Albert Durer's wife was stingy and kept him at work day and night for fear they would starve. His biography says, "She tormented him until he dried up like a bundle of straw."
In Old Roman Days.
In Rome during the days of Nerva apples were 2 cents a dozen, cherries were 1 cent, walnuts half a cent, chestnuts 1 cent, cucumbers were sold at twenty for 15 cents, lettuce at twenty heads for 30 cents and arichokes at twenty for 45 cents.
Dutch Toast.
Dutch toast is a simple dish for using up scraps of bread. Crumble the bread and place in a frying pan with a slice of butter or drippings. Add salt, pepper and sage if liked. It should be seasoned quite well. Add a small quantity of boiling water, cover closely so the steam will soften the bread, stir several times and serve hot.

IF YOU STAMMER WE CAN CURE YOU

The Lewis Phono-Metric Institute and School for Stammerers of Detroit, Michigan. Established eleven years. Have cured thousands. Gold Medal awarded World's Fair in Louis. 1904. Recommended by physicians, educators, clergymen, and government officials. This Institute has a Western Branch at Portland with a very large class of pupils in attendance—men and women, girls and boys—all ages, ten to forty. Many have been cured in three weeks, but five to six weeks is the time usually required. Will close in Portland on October 15th, with a grand finale. September 15th. POSITIVE, ABSOLUTE CURE GUARANTEED. Write at once for our circular and terms. If you mention this paper and send stamps to cover postage, I will send you our circular, 50¢, free of charge. Origin and treatment of Stammer, 50¢, free of charge. Address: WILLIAM T. LEWIS, Western Representative, Associate Principal, 11 W. Cor. 8th and Ross Streets, PORTLAND, OREGON. Note—No pupils accepted at Portland after Sept. 1st.

Roots For Sheep.
If the best results are to be expected in sheep husbandry, some succulent food must be provided. Mangels and turnips are best and are very cheaply grown. It will pay every sheep feeder to grow roots, so the flock may have a feeding every day during the entire winter. Roots keep the bowels in good condition and aid digestion, and this keeps down any tendency to a feverish condition. Plan for a root crop now.—Farm Journal.