

CIDER MAKING.

French Methods Described - Difference Between French and American Cider Mills. The French do not mix matured fruit with that which is either green or overripe. To make fancy cider, the fruit must contain sugar, albuminoids, tannin, minersl matter and a certain degree of acidity. Sugar is necessary to fermentation, and its transformation into alcohol gives to the cider its strength and body and its preservative property. One may overcome its absence by adding, say, 81/2 pounds of sugar to the barrel of crude juice. Tannin is the clarifying and antiseptic property of cider, and serves to modify the alcohol in it, and without it the cider would soon become thick and ropy. In apples of good quality there should be from three to four grains of tannin per 1,000, but certain ly so they will not get hungry while sweet apples do not contain more than two grains. Albuminous bodies give If they can have a laxative food during body and softness to the eider and help to preserve it by preventing fermentation of eider into acetic acid or vinegar. A moderate quantity of malic or tartaric acid is indispensable to proper fermentation, during which these acids act upon the alcohol as it is produced and form an ether, which gives to the eider states. The farmers want to know the a characteristic taste and smell known as "bouquet." Very sour apples contain too much acid and are mixed with sweet fruits to improve the taste of the cider and render it more digestible, hence the mixing of several varieties of apples. station is about to tackle this problem, The foregoing is compiled from a report not alone on small experimental plots, of the recent French pomological congress. American Agriculturist in this but on whole farms, quarter sections, sections and larger. That's the way to connection adds: We judge French cider mills are not get at something to benefit the rancher

usually as good as our American machines, which make a complete mash of the fruit by grinding it to a fine pulp. After mashing the apples, the usual practice in France is to place the pulp in uncovered vats or tubs and leave it 12 or 14 hours before pressing, stirring it meanwhile from time to time with wooden shovels, in order to bring the mass into contact with the air. This is done to improve the color of the cider and make it richer in tannic acid, but recently it has been found that these advantages can be obtained as readily by aerating the crude juice, which is the practice in the best American cider mills.

After the juice or "must" is in the barrels a prompt but brief fermentation is necessary to clarify it before the sugar is entirely changed into alcohol. The remaining sugar keeps up a slow fer. of two years standing, caused by La mentation and prevents vinegar. This Grippe, by Dr. King's New Discovery. "working" is caused by a great variety B. F. Merrill, Baldwinsville, Mass., says of microbes. One will produce a sweet that he has used and recommended it cider, another a dry or sharp cider; one produces a fragrant, limpid drink; another gives a flat and turbid cider. In France a leaven of microbes, made from apples of the finest cider qualities, is added to common juice to improve the it at hand and has no fear of Croup, becider. cause it instantly relieves. Free trial bottles at Charman & Co.'s Drug store.

Fermentation is slowest at 32 degrees F. or less. At 130 to 140 degrees many of the germs die. Between 68 and 78 degrees they are most active. If the temperature is below 68, a small

tin already quoted from, the indications REAL ESTATE TRANSFERS. all point to indigestion, aggravated by the presence of some toxic poison, possi-Furnished Every Week by the Clacka-

ed cornstalks. Indigestion would cause

a reflex action of the nerves which

that would cause the congestion always

found. Farmers, notwithstanding their

losses, think it pays to pasture these

fields, hence the following precantions

are given as likely to prevent loss: Nev-

er turn hungry cattle into a stalk field.

First give them a full feed of the ration

they have been used to, and they will

Keep salt and water where they can go

to them at will. Occasional salting in

large doses does more harm than good.

Start the cattle into the fields gradually,

leaving them in but half an hour the

first day, an hour the second and in-

creasing half an hour a day till they

have had time to gradually grow used

to the diet, feeding other food plentiful-

thus becoming accustomed to the stalks.

this time it will help-such as millet,

Conservation of Water.

becoming a great problem in our arid

actual amount of water needed for the

waste and make present supplies irri-

is work for our experiment stations.

We are glad to see that the Montana

as well as the horticulturist, according

Lettuce In the Greenhouse.

as it is easily and cheaply grown and

stems twice a week to keep off green

fly. Try the plan of growing plants in

thumb pots sunk into the bench soils;

also of applying water through such

Condensed Testimony ...

testifies that he was cured of a Cough of

Chas. B. Hood, Broker and Manufac-

Lettuce is a popular greenhouse plant,

Fumigate by burning tobacco

to The Orange Judd Farmer.

sold.

pots.

The conservation of water is rapidly

alfalfa, ensilage or roots.

mas Abstract & Trust Company. case. A sudden change of feed is likely to cause indigestion, and this disease al-L Moore et al to W B Partlow M ways occurs when cattle are first turned Dec 4, '96 Q C 30 acres in S S into the stalkfields. Nothing is more White claim\$ calculated to cause indigestion than W B Partow to S A Moore, Dec 3 these hard, dry, weather beaten, leach-

96 W D 20 acres in S S White elaim..... . 1500 would partially paralyze the heart and L B Yoder to Fred T Smith: Dec 3

> '96 Q C nela of sela sec 9, 15 s, т 1 е.

Philip Moore to C Missinger Dec 5 '96 Adm deed sela of nela; nela of sela, nela of nela and swia of nelig, sec 20, and nwlig of swlig sec 21, t 2 s, r 6 e not then gorge themselves with stalks. F X Paquet to Louis Paquet Dec 7, '96, W D 755 acres in sec 13, t 3

s, r 1 e Wm Morey to E C Miller Dec 5, '96 W D 12 acres in sec 3, t 1 s, r 2 e 3000 F E Albright to A F Jack Dec 7 '96 W D 57 acresin Robt Allen claim 200 E C Miller to Wm Morey Dec 5, '96 W D 227.62 acres in Wm Russell claim . 2000

K Fleck to M F Hurley Nov 28 '96 WEnwig of nelig see 33, t 1 s,

r S e..... 1500 S B Christner to Obed Miller Dec 2, '96, W D 40 acres in sec 1, t 5s, r 1 w..... 1040 A F Jack to A Albright Dec 8, '96

WD 57.2 acres in Robt Allen elaim..... 200 various crops, so that they can avoid S Cronk to F Cronk Aug 27, '96,

tax deed swlf sec 8, t4s, r 2 a gate as much land as necessary. Here L J Arnold to S Lowenstein Oct S, '95 W D lots 5 and 6 and nela of sw12 sec 20, and a tract in J L Barlow claim, t 3 s, r 1 e 6500 L J Arnold to L Lowenstein Dec

11, '96, W D 80 acres in sec 17, t 3 s, r 1 e.... 1500 U S to Peter Rubstron June 26, '96 whi ef self and ele of swif sec 26

t5s,r3e a everi Pat C W Porter to Ely Criswell Oct 13 '96 W D 200 acres in sec 10, t 3 s

r 2 e..... THE CLACKAMAS ABSTRACT & TRUST CO. are the owners of the copy-

right 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. turer's Agent, Columbus, Ohio, certifies Loans, investments, real estate, abstracts that Dr. King's New Discovery has no etc. Office over Bank of Oregon City. equal as a Cough remedy. J. D. Brown. Call and investigate. Address box 377. Prop. St. James Hotel, Ft. Wayne, Ind., Oregon City Oregon.

Oregon City Market Report.

(Corrected weekly.)

Wheat-No. 1 merchantable, 78 cents per bushel.

and never knew it to fail and would Flour-Portland, \$5.00; Howard's rather have it than any doctor, be-Best, \$4.90; Fisher's Best, \$4.90; Dayton, cause it always cures. Mrs. Hemming, \$4.90: Pendleton, \$5.10 222 E. 25th St., Chicago, always keeps Oats-in sks, white, 40 rents per

bushel, gray, 40. Millstuffs-Bran, \$15.50 per ton

shorts, \$17.00 per ton. Potatoes-65 cents per sack.

Eggs, 30 cents per dozen.

Butter-Ranch, 35 to 40 cents per roll

Legal Notices.

Assignce's Notice.

NOTICE IS HEREBRY GIVEN THAT THE undersigned has filed in the Circuit Court of Origon, for Clackamas County, his final account on satisfaces of the solate of Henry Wilbern, insolvent, and sald Court has set Mon-day, January dib, 187, at 10 o'clock A. M. as the time for hearing and settlement thereot. G. B. SMITH, 1974 11

12-4, 1-1 Assignee aforesaid, Dated, November 27, 1896

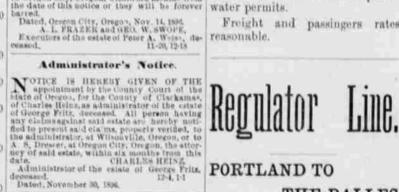
Executor's Notice.

AVING BEEN DULY APPOINTED EXE-culors of the real and personal estate of Peter A. Weiss, disceased, we hureby notify all partics having claims against ine said estate to present the same, property vorified, and with the proper vouchar, to A. L. Franer and George W. Swope, at the office of B. P. & G. W. swope, in Orogon City, Orogon, within six months from the date of this notice or they will be forever barred. arrea. Dated, Orszon City, Oregon, Nov. 14, 1894. A. L. FRAZER and GEO. W. SWOPE, Executors of the estate of Poter A. Weise, used, 11-20, 1218.

Administrator's Notice.

reasonable.

about 11 A. M.



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This is the Great Scenic Route.

All tourist admit that the scenery

on the Middle Columbia is not ex-

the United States. Full informa-

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Portland, Or.,

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Steamer Toledo,

PORTLAND TO

By the fast

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modious

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Excentrix's Notice.

In the County Court of the State of Oregon, for Cinckamas County. In the matter of the satata of Lucius A. Sacly,

Dated, November 30, 1834.

deceased. The county of the wind of Lucius A. party, deceased. The County Court of the County of Clecks-mas, and State of Gregon, appointed executivy of the last will and testament of the estate of Indius A. Scoly deceased; notice it hereby given to all persons having claims against the said estate, to present the same to me, proparly verified, for payment at the law office of 1. T. Barfu, alls Chainber of Counterer, Per land, Ore-gen, within six mohths from the dash of this notice. SOPHIA H. SEELY, Executive of the last will and testament of Lucius A. Soaly, deceased. Dated, November 21, 1996. 11-27, 12-25 L. T. Baris, Attorney for Executive.

Citation.

in the County Court of the State of Oregon, for the County of Clackamas. in the matter of the estate of Almeds M. An-

To Einora Wakefield, Provilla Krailvitz, Kuma Tombiln, Riley S. Po tal, Almoda McKeunay, Lillian Heli Wesdilug, Precilia McKinney, and to all others unknown, greeting: and to all others unknown, receiting: I solution to all others unknown, greeting: I solution in the Control Constant and required to appear in the Control Constant and required to appear in the Control Constant and required to spear in the Control Constant and required to spear in the Control Constant and required to appear in the Control Constant and the Control room thereor, at Oregon City, in the Control of Clocksmas, on the Min d y of January. 1897, at 10 of clock in the foremon of that day, then and there to show cases. If any exist, why an order of the following real estate: The south half of the southeast quarter and lot 1, in section 13, township I south, range I ests, in Clackamas County, Oregon, less I0 acres as described in a deed from Win Kre to said Almeda M. Anderssea. Witness, the Hon G. E. Hayer, Julge of the County Court of the state of Oregon, for the County Court of the state of Oregon, the the County of Clackamas, and the sesi of November, A D, 1996. Attest: 154.11 ELMER DIVION Clark





Yamhill River Route. D. R.& N.

Passenger and freight rates lower to E. MeNEILL, Portland, Or. President and Manager.

EAST AND SOUTH



SOUTHERN PACIFIC COMPANY. Express Trains leave Portland Daily.

Nouih 8:50 P. M. 9:55 P. M.	Lv Lv	Portland Ar Oregon City Ly	1 North.
11:15A.M.	Ar	8. Prancisco Ly ains stop at East	T 00 P. M

Haisey, Harrisburg, Junction City, Eugene, Creswell, Cottage Grove, Drain, and all sta-tions from Roseburg to Ashland Inclusive DINING CARS ON OGDEN ROUTE.

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E. P. ROGERS, Ass't G. F. and Pass. Agent.

\$1.00:

LY

quantity of must, heated to about 120 or 125 degrees, is poured into the barrel. Oxygen is essential to fermentation; hence the liquid should be stirred II you are sick and want to get well, the frequently. Draw off a quantity now and then and return it to the barrel. to buy the S. B. remedies and use as di-Leave the bunghole open, or preferably rected. C. P. BALCH, druggist, Dufur, 8; shoulders, 5 to 6; lard, 8 to 10. stop it with a bit of cotton wool, which Or." For sale by C. G. Huntley. admits the air, but excludes injurious microbes. Fill the barrel only two-thirds full of the juice at first, so that a much targer surface of the liquid will be exposed to the air. If the fermentation is retarded because the must is sour or too stop at when in Oregon City at the acid, add a little juice from a barrel Oriental hotel. Table supplied with an that is working sarisfactorily. Sometimes acid juice is neutralized by the addition of a handful of wood ashes to the barrel and then stirred, but this produces a flat eider without color. When fermentation is active, a characteristic brownish foam rises to the surface ; otherwise there will be a white scum, which is a bad sign.

ceases. The liquor has become clear, the dregs settling to the bottom or rising to the surface. This is the time to draw it off by a siphon or by a spigot. The cider is now run into a clean barrel, where it undergoes a second fermentation. When this ceases, indicated druggist. by the absence of further bubbles of carbonic acid gas, the barrel should be completely closed until the time arrives for using the eider. Cider is preserved well enough in barrels when they are completely full, but when the barrel has been partly emptied there is danger of its degenerating in quality. Bottling cider has become a large industry in Rutledge, Or." For sale by C. G. France

CORNSTALK DISEASE.

It Entails Great Loss In Kansas, Nebraska and Other States.

The fatal disease which often attacks cattle that are being pastured in late fall and early winter in stalkfields, and familiarly known as "cornstalk discase," is the subject of cosideration in bulletin it is learned that this disease strtees. entails more loss to the farmers of Kangas, Nebraska and probably other states than any other live stock malady, except hog cholera.

One farmer reported to the station that he thought that the disease was caused by moldy and wormy cars of corn left here and there in the field at that while wormy cars may cause blind | sale by C. G. Huntley, druggist, staggers in horses it is doubtful if there is any connection between the horse dis-

icine sold in the last five years are S. B goods. The S. B. Headache and Liver Cure I use myself as a general physic, quickest, cheapest and safest method is

Our Standing at Home.

"Four out of every five bottles of med-

A Home-like Hotel.

Farmers and the traveling public will find a comfortable home-like place to 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.

ommend to ministers, public speakers Cure, and singers, with the confidence that I bottle. For sale by C. G. Huntley, A. D. 1896.

For the Kidneys.

"I am 65 years old; have had kidney disease and constipation for 25 years, nally end acts directly on the blood and FOR Am now well-used your S. B. Head- mucous surfaces of the system. Send ache and Liver Cure one year. Used 6 for testimonials, free. bottles at 50 cents each. J. H. Knight, 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 it- ble 2 gross Grove's Tasteless Chill Tonic self and his prices are always reasonable. Remember his shop is opposite Pope's a Kansas station bulletin. From this hardware store, corner Main and Fourth business, we have never sold any meditf

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 newsgathering time. Experiments made at paper advertising contracts for two years, got a half a dozen bottles of S. B. Cough the station, however, seem to indicate it speaks loudly of their merit. For Cure. It is a perfect remedy. God bless

DeWitt's Saraparilla is prepared for case and this cattle disease. There is no cleansing the blood. It builds up and authentic case where wormy corn has strengthens constitutions impaired by injured cattle. According to the bulle- disease. C. G. Huntly,

Onions, 85c per sack. Green apples, 90c to \$1 per box. Dried Fruits-Apples, unbleached,

cents; 50-pound boxes, evaporated, 6c. prunes, 5 to 7 cents; plums, 4c. Livestock and Dressed Meats-Beef. live, 2 to 214 cents; hogs, live 214 cents; hogs dressed,31/2 to 31/2 cents ;sheep \$1.50 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, | 88. LUCAS COUNTY.

Frank J. Cheney makes an oath that J. Cheney & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum Elder Alson W. Steers writes from of ONE HUNDRED DOLLARS for each After 10 or 15 days fermentation Portland, Or., "There is no medicine and every case of Catarrh that cannot for the throat and lungs that I can rec- be cured by the use of Hall's Catarrah FRANK J, CHENEY, Sworn to before me and subscribed in can the S. B. Cough cure." 50 cents a my presence, this 6th day of December,

> A. W. GLEASON, NotaryPublic.

Hall's Catarrah Cure is taken inter-

SEAL

F.J. CHENEY, & CO., Toledo, O. Sold by drugglats, 75c.

Hall's Family Pills are the best. LOCEHART, TEXAS, Oct. 15, 1889.

Messrs. Paris Medicine Co., Paris, Tenn.

Dear Sirs :- Ship us as soon as possiand will not have any other. In our experience of over 20 yerrs in the drug cine which gives such universal satis-

facsion. Yours respectfully, J. S. BROWNE & Co.

For sale by C. G. Huntley, druggist

Cures Croup.

"My three children are all subject to croup; I telegraphed to San Francisco, you for it. Yours, etc., J. H. CROZIER, Grants Pass, Or." For sale by C. G. Huntley, druggist,

The latest in visiting cards at the Ex-TERPRISE OFFICE. Prices to suit you.

the best and ablest discussions of all questions of the day. The Inter Ocean gives twelve pages of reading matter such week and being published in Chicago is better adapted to the ceeds of the people west of the Alleghany Mountains than any other paper. \$1.00 PRICE ONE DOLLAR PER YEAR \$1.00 The Daily and Sunday Edi-tions of The Inter Ocean are Daily and Sunday by mail.... the best of their kind } Address THE INTER OCEAN, Chicago. The very remarkable and certain relief given woman by MOORE'S REVEALED REMEDY has given it the name of Women's successful in releaving the weakness which burden life. Thousands of women testify for it. It will give health and strength, and STEWART & HOLMES DRUG COMPANY