THE USE OF LIMESTONE LIBRARY IS PRESENTED

NEED PERTILIZER.

Subject Which Is Worthy of Consideration,

(By W. W. Watson.)

A prime requisite to success in diversified farming, is a well-balanced content of plant food in the soil. In many places in this valley some atment American chemist has said that "lime carbonates may be said to be since of evilization." let us see how lime may be used to maintain this respect with depleted fertility after a nabundance of humas exists in non-acid soil conditions, ordinary fertilizers gave excellent results for a time; but the soil, even under these conditions, eventually becomes impoverished. Elements of fertility after a nabundance of humas exists in non-acid soil conditions, ordinary fertilizers gave excellent results for a time; but the soil, even under these conditions, eventually becomes impoverished. Elements of fertility are one of the feature for the part of the soil of the feature for the part of the soil of the feature for the part of the part do not combine and are, therefore, not available as plant food. Carbonate of lime is absolutely needed, as shown by the fact that, if it is not supplied, the growth of the plant ceases as soon as it has used the lime contained in the seed. Products raised in soil deficient in lime are poor in quality, and, on account of the lesser quantity of lime in the plants, they are less nourishing as a food. On soils rich in lime, the plants are compact, shortjointed, stouter in stem and far more luxuriant.

Peas, beans, vetch, clovers of all kinds and alfalfa require an abundance of lime. It produces a chemical change in the soil which renders plant food more available; and it produces a mechanical change which brings the soil into more favorable relation with water and the air. Soil relation with water and the air. Soil poor in lime and rich in clay is very appear in the County Court of the fingervious to water, and after a heavy rainfall it remains wet too long. The air cannot penetrate a soil of this kind; hence, there is no soil aeriation. Lime renders the potash of the soil more available. A large part of the potash of our soils is present in comparatively insoluble the forenoon of said day, then and the air. Soil you are hereby cheat and the potash of Oregon in and for the County of many for the county of their face value, together with the active of Polk, at the County on February, of their date to the date of their face value, together with the active face value, together with the face value, together wit large part of the potash of our sate the forenoon of said day, then and is present in comparatively insoluble the forenoon of said day, then and silicates. Lime decomposes the slift there to show cause, if any exist, why cause, if any exist, which is any exist, why cause, if any exist, why cause, if any exist, why cause, if any exist, why cause silicates. Lime decomposes the ship there to show cases, setting the potash free and thus greatly increasing its availability. The of Anna Q. Olmsted, as executrix of presence of lime in the soil prevents said estate, filed berein on this day, bids.

Bids must be marked "Bids for Bids must be marked bonds." according to the potation of Anna Q. Olmsted, as executrix of bids.

Bids must be marked "Bids for Bids must be marked Bonds." according to the potation of Anna Q. Olmsted, as executrix of bids. presence of lime in the soil prevents the soluble phosphoric acid, applied in fertilizers, from satisfying its huna base by combining with alumina. Phospheric acid takes the lime in preference, and the reverting phosphate thus formed is much more available.

substances such as humus, sod, stubble and weeds, and thus hastens the time when the valuable constituents of these materials are ready for use by the next crop. It is particularly waldport, in Lincoln County, State valuable in soils in which organic of Oregon:

Also, beginning at the Saud estate, which pone by order of the City Council of the City of Dallas, Polk County, Oregon, made and entered of record on the 6th day of December, 1915.

Witness my hand and the official seal of the City of Dallas, Polk County, Oregon, this 10th day of December, 1915. matter naturally decays slowly. favors the changes of ammonia into a corner of the William J. Berry Donanitrie acid—that is, it makes ammonia it ion Land Claim, No. 53, in Township nitrogen more quickly available. Soils needing lime often contain acid not combined with a base. Such soils are West 16,722 chains; thence South 33. sour. Lime is the most effective agent 631 chains, and thence North 35 deused to sweeten soils. Lime makes the grees, 05 minutes West 8.888 chains used to sweeten soils. Lime makes the soil more mellow. The soil which contains little lime is pulverized only with great difficulty. It adheres to the implements. A loam rich in lime ernmbles easily. A hard crust will form ou most of the loam soils that are poor in lime if not disturbed for some weeks. It turns up in tenacious clods. It is practically impossible, under these conditions, to keep the soil in perfect tills. Lime, besides serving directly as building material.

Signey, 95 minutes West 8.888 chains to the beginning thence north 54 degrees 55 minutes East 11.25 chains; thence South 54 degrees, 05 minutes West 17.777 chains; thence South 54 degrees, 05 minutes West 11.25 chains; and thence South 35 degrees, 05 minutes West 17.777 chains to the place undersigned Auditor and Police Judge of said City, will be received by the undersigned Auditor and Police Judge of said City, until 6:30 o'clock p. m. on Monday, January 10, 1916. Said berginning at an oak stake

that lime is a fundamental require-ment for soil fertility, because it provides in a degree for essential chemi-cals, bacterial and physicial conditions as well as supplying a plantfood want. Limestone flour for the purposes named should be ground fine, say 100 mesh, and is should be at least 90 per cent calcium carbonate. One hundred pounds of limestone will of earbonic acid in the lose 44 pounds The application of this caustic fire. lime should not be made either to soil or plants. It will injure the latter and do the former little, if any, Carbonate of lime may good. Carbonate of lime may be up-plied directly to the tender plants

SOILS OF WILLAMETTE VALLEY MONMOUTH NORMAL SCHOOL ENTERTAINS REGENTS.

Au Authority Writes Interestingly on Training Building Is Inspected and Guests Are Banqueted After Ceremonies.

Fully sustaining a well-deserved reputation for hospitality, Miss Todd, matron of the dormitory at the Mon-mouth Normal school, and the women living there, entertained the faculty tention will be required to the use of commercial fertilizers. Since an eminent American chemist has said that

CITATION In the County Court of the State of Oregon for Polk County.

L. W. Stewart, deceased, described in the will of decedent as "son by adoption," heirs and devisees of the above named James B. Olmsted, deceased, m. on Monday, the 10th day of James II. Wear from the 17th day of July, 1915.

The above-named bonds will be sold to the highest bidder, by the said City of Dallas, at the hour of 8 o'clock p. m. on Monday, the 10th day of James II.

cutrix to sell the following described 1915 Street Improvement Bonds," appart of the real estate of said decompanied by a certified check for ten ceased at private sale for cash for the (10) per cent, of the amount bid, and purpose of raising funds sufficient for addressed to Charles Gregory, Audieverting phosphate thus formed is the payment of the funeral charges, tor and Police Judge, Dallas, Polk expenses of administration, and County, Oregon.

Lime promotes the decomposition of claims against the said estate, which Done by order of the City Council

Also, beginning at the Northwest

55 minutes West 22.50 chains to an oak stake; thence North 35 degrees of minutes West 13.333 chains to an oak stake; thence North 54 degrees 55 minutes East 11.25 chains to an oak stake; thence North 35 degrees of minutes West 8.888 chains; thence on the 20th day of October of each year; both oak stake; thence North 35 degrees of minutes West 8.888 chains; thence on the 20th day of October of each year; both united States Gold Coin of the present of the purchase of the purchase of Dallas, Polk County, Oregon, without charge, cost, or expense to the purchase. 11.25 chains; thence South as degrees to the pur observed of beginning, containing 40 charge, cost, or expense to the pur chaser or holder of said bonds.

The said City of Dallas, Polk Coun the right

of the County Court of the State of to take up and cancel said bonds, or Oregon for the County of Polk, with any part of them, upon the payment the seal of said Court affixed, this of the face value thereof, and the ac-22nd day of December, 1915.
A. B. ROBINSON, JR.,

(Seal of County Court)

NOTICE TO DOG OWNERS.

There is an ordinance in force and cot in the city of Dallas required.

The above-named bonds will be sold

Court will also receive bids for fencing this change.

The court reserves the right to reject any and all bids.

By order of the County Court, Dec.21-Jan.11

PROPOSAL FOR SALE OF STREET IMPROVEMENT BONDS OF THE CITY OF DALLAS, POLK COUN-TY, OREGON.

Polk county, Oregon, without charge, cost, or expense to the purchaser of holder of said bonds.

The said City of Dallas, Polk Coun

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 in and for the County Duty 1916, in the County Court of the State of Oregon in and for the County Duty 1916, in the County Court of the State of Oregon in and for the County Duty 1916, in the County Park and City. The bids must state the order of the County 1916, in the County In the India Manual Park India Manual Park

ty, Oregon, this 10th day of December, A. D., 1915. CHAS. GREGORY. (Seal) Auditor and Police Judge

PROPOSAL FOR SALE OF 1915
UGLOW AVENUE IMPROVEMENT BONDS OF THE CITY OF
DALLAS, POLK COUNTY, ORE-

elods. It is practically impossible, under these conditions, to keep the soil in perfect tilth. Lime, besides serving directly as building material which unlocks other treasures of the soil and supplies them also to growing land supplies them also to growing land. Lime carbonate is also moisture conserving. It is known that lime stone soils maintain their feerlility for years. Scientific authorities agree that lime is a fundamental requires.

Witness the Hon, J. B. Teal, Judge ty, Oregon, hereby reserves the right cember, 1915.
ROBINSON, JR.,
Clerk of said Court.
Court)

D24-J21

date of said bonds, to-wit: At or af-

CHAS. GREGORY. Auditor and Police Judge.

further sum of One Hundred Seventy-Five and no-100 (\$175.00) dollars, deceased. All persons having claims now due on said judgment, with in-terest at the rate of six (6) per cent per annum, from the 13th day of De-cember, 1915, and the further sum of Eighteen and no-100 (\$18.00) dollars, costs, and also the costs of and upon this write and whereas it was further [1915]. this writ; and whereas it was further 1915. ordered and decreed by said Court that the following property should be sold by me to satisfy said execution, I will, on Saturday, January the 22nd, 1916, at the hour of 1 o'clock Attorney for estate, p. m. of said day at the front door Oregon, of the County court House at Dallas, Oregon, in Polk County, sell at public auction to the highest hidder for eash in hand on day of sale, all the eash in hand on day of sale, all the right, title and interest and estate which said defendants have and all persons claiming under them have in or to the hereinafter described prem-

ews: Lots one (1) and two (2), Block B" West Salem, all in Polk County, Oregon

Said Sale being subject to redemption in the manner provided by law, and the proceeds thereof to be applied to the payment of the aforesaid judg-

Dated this 21st day of December, 15. JOHN W. ORR, 1915. Sheriff of Polk County, Oregon. CHAS, E. LENON, Attorney for Plaintiff D.21-J.18

D.21-J.18

NOTICE TO CREDITORS

Notice is hereby given that the un-dersigned, William A. Yocom, has been

appointed by the County Court of the State of Oregon for Polk County, ad-ministrator of the estate of Patha-way Yocom, deceased, and has ounli-fied.

All persons having claims against the said estate are hereby required to present them, duly verified, with the proper vouchers, within six months from the date of this notice, to Oscar Hayter, attorney for the undersigne i administrator, at his law offices in Dallas City Bank Building, in Dallas,

Oregon.

Dated and first published Decem-

ber 17, 1915. WILLIAM A. YOCOM, Administrator of the estate of Hathaway Yocom, deceased.

OSCAR HAYTER,

tament of John Ferguson, Deceased.

SHERIFF'S NOTICE OF SALE. Notice is hereby given that by vir-tue of an execution issued out of the Circuit Court of the State of Oregon, Circuit Court of the State of Oregon, for Polk County, on the 27th day of November, 1915, and to me directed upon a judgment which was enrolled and docketed in the office of the clerk of said Court on the 23rd day of No-Monmouth Library association, which was organized recently, has decided to use one of the vacant rooms in the high school building in that as a prince for a library. The room will be properly equipped and will be open to the public on three days of each week.

The W. C. T. U. will hold its regular monthly business meeting at the day time where the week of the day of part and monthly business meeting at the day time are monthly business meeting at the day time are want ads. do the bix.

NOTICE TO DOG OWNERS.

Che are van and volution and d. M. Douglas, and Leuna M. Douglas, his wife, Kingwood Park Co., a corporation, and J. F. Davis were defending and J. F. Davis were defend vember, 1915, in a certain suit then pending in said court wherein May

Notice is hereby given to whom it may concern that the Honorary Court of Polk County will receive bids on Saturday, January 15, 1916, at 1 o'clock p. m., for the grubbing and grading of the change in the McBee road.

Plans on file in the clerk's office. A certified check of 5 per cent of the amount of the bid to accompany the bids.

Court will also reactive to whom it may concern that the Honorary Court of Polk County, Oegon, hereby reserves the right to reject any or all (524,00), costs and disbursements and the costs of and upon this Writ; and the costs of and upon this Writ; and whereas it was further ordered and whereas it was further ordered and the costs of and upon this Writ; and whereas it was further ordered and the costs of and upon this Writ; and whereas it was further ordered and the costs of and upon this Writ; and the costs of a decreased by said Court that the following property should be sold by me to satisfy said execution, I will, on (524,00), costs and disbursements and (624,00), costs and disbursements and (624, (\$24.00), costs and disbursements and of plaintins' morigage, the costs of and upon this Writ; and manner provided by lar whereas it was further ordered and ceeds of said sale he is decreed by said Court that the following the payment of the cost e Dallas, Polk County, Oregon.

Done by order of the City Conaer of the City of Dallas, Polk County, Oregon, made and entered of record on the 6th day of December, 1915.

Witness my hand and the official seal of the City of Dallas, Polk County, Voregon, this 10th day of December, A. D., 1915.

CHAS CEPTODY

C every part thereof.
Said property is described as fol-

Lot No. 8, in Block No. 12, King-wood Park, Polk County, Oregon. Said sale being subject to redemption

W. T. MACY

Administrator estate Sherman Whit-

Attorney for estate, McMinnville,

SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Polk. W. W. Fawk and Mary V. Fawk plaintiffs, vs. Title & Trust Company, an Oregon corporation, Florence Page, or to the hereinafter described premises, and every part thereof.

Said property is described as folNational Bank of Ashland, Oregon, National Bank of Ashland, Oregon an Oregon corporation, Clarence C. Murton, J. Syd McNair, Ernest P. Dosch, C. C. Page, T. L. McIntyre Walter A. Bandimere, Herman Pales-Magazaret Cohen, C. B. Vaughn ter, Margaret Cohen, C. B. V and E. J. Carlson, defendants,

o Florence Page, J. Syd McNair, C. C. Page, T. L. Melntyre, Walter A. Bandimere, Herman Palester, C. B. Vanghn and E. J. Carlson, De-

fendants above named: In the name of the State of Oregon you are hereby required to appear and answer the complaint filed against you in the above entitled suit, within six (6) weeks from December 21, 1915, the date of the first publication of this summons, and if you fail to answer for want thereof, the plaintiffs will apply to the court for the relief demanded in the complaint in

this suit, to-wit: That the plaintiffs have judgment for the sum of five thousand four hundred fifty-six and 48-100 dollars (\$5,456,48), with interest there-on at the cate of eight per cent. (8%) per annum, from November 21st, 1915, until paid, and the further sum of six hundred dollars (\$600.00) as their attorneys' fees for ther the collection of the note hereinbe-fore described and the foreclosure of the trust agreement and mortgage set forth in this complaint, and for the further sum of their costs and dis-

bursements berein.
2. That the trust agreement set ed, and that said Coart has fixed Monday, January 3, 1916, at the hour of 10 o'clock a.m. of said day as the time and the County Court Room in the County Court House, in Dallas, in Polk County, Oregon, as the place for hearing said Final Account and all objections thereto.

Dated at Dallas, Oregon, November 29, 1915.

MARY FERGUSON, Executrix of the Last Will and Testament of John Ferguson, Deceased. of lot ten (10), as hereinbefore specifof lot ten (10), as nerembetore specifically described; the east half (£.3g) of lot twenty (20); lot eighteen (18); the south half (8.3g) of lot twenty-three (23); lot fifteen (15); the south half (8.3g) of lot sixteen (16); the west half (W3g) of lot fourteen (14); lot three (3); and the north half west half (W12) of lot fourteen (14); lot three (3); and the north half (N.12) of lot sixteen (16), all in Williamette Valley Orchard Tract No. 1, as platted and recorded in the records of Polk County, Oregon, which said lands last described as excepted, have heretofore been conveyed or contracted to be conveyed, by the Title & Trust Company, defendant, and seem equitable and justice.

ments of this suit and of such judgment and be made herein in fare tiffs, including attorner the balance, if any, pa for the benefit of who be decreed by the count thereto.

3. That if the said;

when sold pursuant to a this court, shall not all to pay the claims of herein in full, as shall b decree of this court a event, the interests of and all of them, as cotherwise, in the contract of lands covered by a agreement which have fore contracted to be so Title & Trust Compan and which contracts of and which contracts of standing, and any other terest of the defendant them, except the Tids to pany, in the said trust of the property covered her in a manner provided by a said of such property. sale of such property tion, and the proceeds of applied as follows, to ment of the balance of a judgment and decree as tered herein, and the be-paid into the court for h whomsoever shall be be court to be entitled them tracts being described a wit: Contracts of sale m & Trust Company, delaing the property and m purchaser and bearing a having the amount due each contract respective

Description, Lot eight chaser, A. H. Dennett; 1911; amount unpaid, the Description, South la lot twenty-three (23) u

fore more specifically deschaser, A. H. Dennett, a ber 14, 1911, amount una Description, Lot fiftee

Description, Lot fiftee chaser, G. A. Grabb; dat 14, 1911, amount appaid Description. South in lot sixteen (16); pure McKnight, date, May I, unpaid, \$138.56, Description, West in lot fourteen (14); para B. Grabb; date, Januar amount unpaid, \$480.51, Description, Lot the chaser, H. P. Hough; do 15, 1913; amount mapa Description, North lot sixteen (16); para Revere; date, Januar amount unpaid, \$135.03, And plaintiffs pray in

And plaintiffs pray here shall provide that he beneficiaries' interests lands contracted to be sfeet only the equity of hies therein, and the pure contracted lands at an sale shall be merely sale rights of the beneficiaries trust acreement in an trust agreement in and lands, and that said fore not in any wise affect th powers of said Title & In to continue to perform tracts of sale and rec chase price therein speci chaser at such forecloss ceive from said Title pany such portions of arising from said chim as the payees and because the trust agreement we ceived if there had been

ure.

4. That the contracts by and between the Is Company, defendant, and tyre, Walter A. Bandar Palester, Margaret Cov Vaughn and E. J. Casclared to be null and we effect and the lands cos said contracts respectively to have reverted to Trust Company, freed fittle or interest therein.

ure.

as hereinbefore prayed a 5. That the defendant each and all of them, est Trust Company, and claiming under them, them, be decreed to be title or interest in and or property cover barred and foreclosed right or equity of reds said premises and every except the statutory ra-tion in and to the real