

Agriculture Time to Grow D. J. Hogs

NEW BEAN CLEANER AND WAREHOUSE FOR MARIAN

By Prof. P. L. McCreary.

TYPES OF AGRICULTURAL LIME

We quote from Circular No. 111, University of California, College of Agriculture, as follows:

"The term 'lime,' as we may employ it in the agricultural sense, includes the following materials: Burnt lime (oxide of calcium), hydrated or water-slaked lime (hydrate of calcium), air slaked or carbonate of lime. Even in the agricultural sense the term 'lime' does not include gypsum."

Of the forms above mentioned, "burnt lime," or quicklime and hydrated lime both revert to the carbonate in the soil. They should not be used in Southern California soils under ordinary conditions, as they do a very bad thing to the humus.

Ordinary air slaked lime has a tendency to burn out the humus, because the slaking (reversion to carbonate) is never complete and some caustic lime remains.

The caustic property is often referred to as "free," which, to many growers, indicates "effectiveness" in lime "fire," however, is exactly what we do not want in an agricultural lime, since it is this property that destroys the organic matter. Only neutral (perfectly slaked) limes should be used, as they tend to conserve and build up the humus by inducing the proper decay.

Gypsum is a sulfate of lime, i. e., a combination of the element calcium with sulphuric acid. Its main value is the neutralization of black alkali and for use in composting stable manure, etc.

Circular No. 19, New York Agricultural Experiment Station, states: "While gypsum has been used quite extensively on soils, its value has been much exaggerated, and farmers are now generally advised not to apply it for the reason that it has no power to neutralize soil acidity, and may even increase it."

Gypsum will not do the work of carbonate of lime in the soil. It is not a carbonate of lime in the soil. The question now arises: Are our Southern California soils, and particularly the citrus soils, deficient in lime carbonate?

Hillard states that soils of organic origin are almost universally deficient in carbonate of lime. By far the largest majority of the soils of the citrus section are derived from granitic rocks, and therefore were deficient in the active or carbonate of lime in the beginning.

This original deficiency has been still further increased under conditions of intensive agriculture, includ-

ing as it does, irrigation, heavy fertilization manuring. This is a lime from the soil is still further emphasized by the work of Hill, of the Experiment Station at Rohmstadt, England. Experiments conducted on strip-planted field crops, covering a period of over fifty years, showed that these soils were losing lime at the rate of about 1000 pounds per acre every year. It is safe to assume, therefore, that at least double this amount is lost yearly under ordinary conditions of citrus culture.

The majority of our soils then, being originally deficient in lime, have been constantly depleted in this respect from the time when they were first put under cultivation. Here, then, is the answer to our question: The majority of Southern California soils are deficient in lime. The large portion of groves that are "going back" are going back—not producing as they should—on account of the lack of lime carbonate in the soil. This is the weak link in the chain—the limiting factor in the crop production.

"A Chain is No Stronger than its Weakest Link"

When the lack of lime carbonate constitutes the weak link, lime must be added; the chain cannot be made stronger by strengthening the already strong links. If lime is needed its application will produce better results than the use of fertilizer. No fertilizer can produce the best results unless the lime content of the soil is adequate.

Does Your Soil Need Lime?

Not all of the soils of the citrus section are lacking in lime. Our soils are notoriously streaked and vary in composition within surprisingly limited areas. It is no unusual occurrence to go to find in our soil examination work in the field, that a small portion of the acreage under consideration requires lime, while the remainder is abundantly supplied, or vice versa. Since the application of lime to soils already sufficiently supplied will produce no results, we strongly advocate that no lime be applied without first having a thorough and reliable field test made of the individual soil in which you are interested.

If you need to use lime, we are going to tell you so. If not, we will tell you just as frankly, because we are in business to produce results for the grower. Fertilizer is our main business, but you cannot secure the best results from the use of any fertilizer if lime is deficient.

What Kind of Lime to Use

Shortly after we entered the fertilizer field in Southern California, we

The Marian Milling Company announces that they have completed plans for erecting a bean cleaning and storage warehouse at Marian, construction to begin at once. The building will measure 150 by 110 feet and will be of standard brick and concrete construction, the whole to be in harmony with the general style of warehouse buildings in the valley.

The plant will be composed of two complete receiving units with the latest improved machinery for cleaning and saving the beans. The storage capacity will be 150,000 bags.

The new company will be ready to receive and clean beans shortly after September 1. The building contract has been let to A. S. Barnes, who has constructed many buildings and houses here.

The new enterprise will be in charge of G. F. Kelly, who has for the past two years been the district manager of the Owensmouth warehouse and bean cleaner.

A party of Owensmouth girls began cutting apricots at the Beales-Kimball dryer at Van Nuys on Monday.

Among those going were the Misses Ruby Davis, Edna Kennedy, Gladya Riddle, Beattie Anderson, Hester McDonald, Adina Isaac, Lera Hyden, Edith McDonald, Lucille Thomson, Edith McArdle, Catherine Borker, Lillian Lynch, Lester Craves.

recognized the more or less general need of the use of lime in connection with fertilization. We found that the soils which were naturally well supplied with lime carbonate were the most responsive, the richest, the most productive. Therefore, while we had no lime to sell, we very strongly recommended its use to our fertilizer customers, where we found it to be needed.

It is soon realized, however, that in order to get the growers to recognize the absolute necessity of lime in connection with other soil treatment, it would be necessary for us to conduct a strong educational campaign along these lines. This we decided to do.

The first move was an investigation of the most efficient type of lime carbonate obtainable for use in this section. After going into the matter very thoroughly, it became evident that the lime carbonate produced as a by-product of the sugar factories, the so-called best sugar lime, was the very best type of lime carbonate for agricultural purposes, and also contained considerable fertilizer values. We therefore adopted this type and called it Perti-Lime—a combination of fertilizer and lime.

Some time ago mention was made in these columns of the increasing popularity of Duroc-Jersey hogs and attention was called to the fact that several local ranchers have pens of this breed.

Now comes the announcement that the E. B. Rancho is to specialize in Duroc-Jerseys. In this connection Sunday's Los Angeles Times contained the following:

After having made an exhaustive search through the States for the corn belt with instructions to buy for the Elliott-Brant Rancho at Owensmouth, the best foundation Duroc-Jersey stock he could find, regardless of price, Prof. J. I. Thompson, for several years in charge of the wine division at the University Farm, Davis, and recognized as one of the leading authorities on swine breeding and judging, has closed a deal for two sows and a boar at a consideration running into the thousands.

Two of the recently acquired animals are young sows, which are pronounced by Prof. Thompson some of the finest specimens of the breed he has ever seen. They were painstakingly selected from the famous herd of Cal. William H. Putnam of Tecumseh, Neb., which is said to have produced more than twenty State fair champions in the past four years. Their new owners confidently expect them to bring home the "blue" in the leading shows of the California circuit.

It is the boar, however, which is considered the real prize of the purchase. He was found at the head of the Iowa State Agricultural College herd at Ames, Iowa. He is a two-year-old, weighing 400 pounds, and is said to have the finest quality bone and breeding that could possibly be found in an animal. Prof. Pw. who has had charge of the Iowa State

herd, is confident one of the leading breeders of the country.

VACATION TIME

Is here again and many of us are planning to spend a goodly portion of that time at one of the numerous seaside resorts, while others will prefer the mountains—

In either case the PACIFIC RIBBON

The potato harvest is on in full swing and it is estimated that some 200 carloads have already been shipped from the valley. Of these the P. E. has handled about 150 carloads. The yield is not as good as hoped for, and the prices so low as to barely cover the expenses of producing the crop. The average price seems to be about \$1.40 per 100 pounds.

Mr. and Mrs. E. A. Scheffer and family of Orange, Cal., spent Sunday with Mr. and Mrs. C. C. Langford, who reside on Santa Ana street. These two families are neighbors in Orange county, so a very pleasant visit was had by all.

SEASIDE RESORTS

- GENIE BEACH
- CLIFF PARK
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- LONG BEACH
- WILMINGTON BEACH
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- BALBOA

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- MT. LOWE
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- GLENN RANCH
- REDWOOD CAMP
- CAMP SISKIYOU
- ELM CAMP
- AND SAN BERNARDINO MOUNTAIN RESORTS

Special Folders—

Electric Railway

Bean Growers Attention

I am going to give a public demonstration of the Gardner Bean Harvester on the old Henry Peck Ranch, corner of Santa Ana and Justice streets, Monday, July 22, between the hours of 2 and 4 p. m. Be sure and see the machine work before you buy elsewhere. Will cut two rows with one horse, four rows with two horses. It is simple, durable and practical. Do not forget date and place of demonstration: 3 miles northwest of Owensmouth. R. C. LANGENDORFER, Local Representative

Means the Carbonate of Lime FER-TI-LIME contains 85 per cent pure carbonate, and is

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PLUMBING, TINNING
IRRIGATORS' SUPPLIES



WAR SAVINGS STAMPS ISSUED BY THE UNITED STATES GOVERNMENT

FOR SALE AT POSTOFFICE AND THROUGH THE STATE BANK OF OWENSMOUTH

Owensmouth Gazette

Published Every Friday by
L. P. MITCHELL, Editor and Proprietor.

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Phone—Van Nuys 116R1

OWENSMOUTH, CAL., FRIDAY, JULY 19, 1918.

Matters of interest to every member of the community will be considered at next Thursday evening's meeting of the Owensmouth Chamber of Commerce. Will YOU be there?

Some time ago the Gazette stated that addresses of local boys in the naval and military service would be furnished those wishing to write letters to the Liberty Boys in the cantonments or overseas. How many letters have YOU written?

Plan Your War Garden Now, Save Time and Money.



HELP INCREASE OUR EXPORT FOOD STOCKS

CITY and country more war gardens are needed this year than ever before. Patriotism prompted 2,000,000 Americans to plant gardens last year, according to estimates of the United States Department of Agriculture. Transportation facilities of the nation will be strained this year hauling munitions of war and foods for the allies. The surplus food created by home gardens will help in the solution of this problem.

Week putting up apricots. So great was the demand for women workers that Los Angeles and other cities were called upon for help.

The fruit is ripening rapidly and coming in in large quantities, keeping the force busy.—San Fernando Press.

The new order of things at the Bank of Lankershim is now in effect and its new president, W. F. McCann, is now in full charge. At the meeting of directors, which are the same as under the old regime, Mr. McCann was elected president and all the officers continued. The bank is now in a flourishing condition and changes are contemplated to real bank; one in keeping with the banks of Southern California.

Southern California should have for convalescent Amateurs returned from wounded or ill. This was the keynote of

Hardware Co.
Owensmouth, Cal.



Send the Home Paper to the Liberty Boys

ONLY AMERICA CAN HELP

"On your side are boundless supplies of men, food, and material; on this side a boundless demand for their help."
"Our men are war-weary and their nerves have been strained by more than three years of hard, relentless toil."
"Our position is critical, particularly until the next harvest, but the United States can save us."
"You Americans have the men, the skill, and the material to save the allied cause."
SIR JOSEPH MACLAY,
British Shipping Controller.

IT PAYS TO PAY CASH

BETTER GOODS FOR LESS MONEY

Our prices are right and the quality guaranteed
Let us quote you prices. Yours for business,

J. G. GONDON

THRIFT STAMPS ON SALE

War thrift stamps and war saving certificates, otherwise known as Junior Liberty bonds, are now on sale at the Owensmouth postoffice. The stamps sell at 25 cents each. The bonds cost \$1.12 during December and January and are payable in 1921, at which time each certificate will be worth \$5.

War Revenue stamps are now on sale at the postoffice. All legal papers now must carry revenue stamps.

All parcel post packages on which the postage is 25 cents or more are required to have affixed a war revenue stamp of 1 cent for each 25 cents in postage.

The Ford ton truck is right. The price is right. Cash or terms. Sold by G. A. Huffaker, Van Nuys.

BUSINESS LOCALS

Dr. O. Amryraud, veterinary surgeon and dentist, who is now located in Van Nuys, can be reached at any time by calling 79-0. All calls promptly attended to.

Alfalfa growers, have you ever used lime or superphosphate or both, as a war measure. Your productions can be increased by their use. Hay is King.

Go to West's Store and get a fit in Tennis, Men's, Women's and Children's Shoes.

Take your shoes and harness to the Electric Shoe Hospital for repairs.

Get one of those wheel hoers at Hydene for your garden.

Lime your soil for tomatoes or peas; use Fert-i-lime.

You can trade your old Ford car in on a new Ford truck. See G. A. Huffaker, or phone 25.

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Personal and Local Notes

About \$2400 worth of War Savings Stamps were pledged during the recent drive at Chatsworth.

With a Holly vaporizer you can use distillate in your Ford. Save half your fuel bill. Sold by G. A. Huffaker, Van Nuys. Phone 25.

The Bristol Ranch on Canoga avenue is a busy place this week. The 30 acre apricot orchard is well loaded with fruit, which Mr. Bristol and his two sons will dry, complete equipment having been installed for handling the product. Some 50 people are now employed in picking, pitting and drying cots.

Cooked in a Knapsack.
Charles XII. of Sweden invented the first portable military kitchen cooker. He had a knapsack lined with hay to strap to a soldier's back. When starting on march a big chicken was split open and the lardie dressed clean and then filled with butter. In the chicken was placed a small cauldron full of hot soup. The hot cooking chicken was then placed in the hay knapsack. When the camp was pitched at evening the meat was deliciously cooked and all soaking in butter.

Clearing the Commons.
There is a simple rule under which the house of commons may be cleared of strangers. A member of the Government rises in his place and utters the formula: "I spy strangers," whereupon officials clear the galleries and seal the doors. Strangers are also asked to leave the lobbies and precincts of the house.

In the war between the United States and Mexico there were eleven pitched battles and thirty-five actions, combats, sieges and skirmishes.

HOGS! HOGS! HOGS!

Big type Polands at Van Nuys. A few fancy girls. One sire of serviceable size. Small weaning pigs at all times.

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H. J. Whaley Ranch

William W. Widenham
GENERAL INSURANCE
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Lime, Plaster and Cement
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Lath, Shingles and Shakes

WE are here for more than one purpose. Will not deny a selfish purpose to help ourselves—that is honest, isn't it? We claim to be here, too, for the good of Owensmouth and community. We try to do our share toward public improvements and enterprises. LIVE HERE. Pay our taxes here and do the best we can to uphold our neighborhood. Assist yourselves and us by giving us your business. We will appreciate it.

Hyden Hardware Co.
Owensmouth, Cal.

PRECIOUS PURPLE.

Beauty of This Color, Once the Symbol of Imperial Power.
Purple has been from earliest times one of the most precious and valuable of all colors. Away back in ancient days it became the sign or symbol of imperial power. Even today we are familiar with the phrase "royal purple." In the Bible purple is spoken of as a highly prized and honor bearing color. One of the most celebrated products of Phoenicia was the famous Tyrian purple, so called because it was largely manufactured in the city of Tyre, on the Mediterranean, or in the Great sea, as it was then known.

This dye was made from coloring matter obtained in very small quantities from a shellfish called murex, or sometimes purpura. It was exceedingly expensive, because it was procured in such small amounts, and a gift of purple sent by a Tyrian ruler to another monarch was highly prized. At first this fish was found along the Phoenician coast. Later the fishermen were obliged to go farther in their search for it, even to the water about Greece. Ruins of dyeing establishments have been found near the ancient city of Tarentum.

When Byzantium was at the height of its glory purple was the royal color, the symbol of the imperial family. It is said that even the royal orders and decrees were written in purple ink. As for the common expression "born in the purple," that is believed to have originated from an ancient custom of wrapping the royal children in purple robes when very young. Since, however, though the value of the saying to lie in the fact that purple hangings were popular in the imperial palaces.

Purple became the choice of the Roman empire also for its royal color, and it added much to the magnificence of the great pagans of those days. Wood double dyed with this color was exceedingly costly. For instance, in Cæsar's time one single pound of it was said to have cost 1,000 denarii, or about \$175 in American money.

Purple today in its various shades is produced, according to its definition, by mixing blue and red. It is considered probable that that famous Tyrian purple of old was in reality a deep crimson.—New York Globe.

Love may be blind, but marriage is said to prove an eye opener.—Herald and Review.

The Ford truck has not advanced in price. C. A. Huffaker, Van Nuys. Phone 25.

CATERPILLAR WORK

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You Save Shoe Leather
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You Help the Local Merchant Who Depends on You

Trade at Home It Pays

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Hartman, the Van Nuys Jeweler does watch and jewelry repairing.

LEGAL ADVERTISING

026662
NOTICE FOR PUBLICATION (Not Coal Land).
No Withdrawals.
Department of the Interior, U. S. Land Office at Los Angeles, Cal., June 25, 1915.

Notice is hereby given that Alice B. Haines, of 23 Yamato, Cal., who, on June 14, 1915, made homestead entry, No. 026667, for E½, SE¼, Section 20, Township 1 S., Range 18 W., S. B. Meridian, has filed notice of intention to make three-year proof, to establish claim to the land above described, before Register and Receiver U. S. Land Office, at Los Angeles, Cal., on the 8th day of August, 1915.

Claimant names as witnesses: Arthur W. Burt, of Cornell, Cal.; Clarence E. Hubbell, of Cornell, Cal.; David D. Parton, of Cornell, Cal.; John W. F. Dix, of Cornell, Cal.
B. F. GROVES, Register

026830
NOTICE FOR PUBLICATION (Not Coal Land).
No Withdrawals.

Department of the Interior, U. S. Land Office at Los Angeles, Cal., June 25, 1915.
Notice is hereby given that Olive Lane, of Triunfo, Cal., who, on April 16, 1915, made homestead entry, No. 026830, for E½, SE¼, Section 2, NE¼, NE¼, Section 11; NW¼, SW¼, Section 1, Township 1 S., Range 20 W., S. B. Meridian, has filed notice of intention to make three-year proof, to establish claim to the land above described, before Register and Receiver U. S. Land Office, at Los Angeles, Cal., on the 8th day of August, 1915.
Claimant names as witnesses: Mark A. Venneman, of Santa Monica, Cal.; Charles C. Collesser, of Triunfo, Cal.; Emory Tesarik, of Triunfo, Cal.; John H. Mondell, of Triunfo, Cal.
B. F. GROVES, Register

018425
NOTICE FOR PUBLICATION (Not Coal Land).
No Withdrawals.

DEPARTMENT OF THE INTERIOR, U. S. Land Office at Los Angeles, Cal., June 14, 1915.
Notice is hereby given that Alva L. Fairchild, of Owensmouth, Cal., who, on March 2, 1915, made homestead entry, No. 018425, for SE¼, NE¼, NE¼, SE¼, Lots 2 and 3, Section 10, Township 2 N., Range 17 W., S. B. Meridian, has filed notice of intention to make three-year proof, to establish claim to the land above described, before Register and Receiver U. S. Land Office, at Los Angeles, Cal., on the 2nd day of August, 1915.
Claimant names as witnesses: Clyde W. Dayton, of Owensmouth, Cal.; Leon D. Gates, of Owensmouth, Cal.; Arnold J. Leeds, of Los Angeles, Cal.; Edwin E. Fairchild, of Los Angeles, Cal.
B. F. GROVES, Register

Help Uncle Sam Win the War Against the Kaiser by Buying Thrift Stamps and War Savings Certificates. For sale at Postoffice.

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Hay, Grain, Wood, Coal
POULTRY SUPPLIES

Seashore // Mountains

VACATION TIME

IS here again and many of us are planning to spend a goodly portion of that time at one of the numerous seaside resorts, while others will prefer the mountains—

SEASIDE RESORTS

VENICE CAMP PARS
EVA HODGINS
KAYAKA BEACH
MORNING BEACH
LONG BEACH
SEAL BEACH
HURTINGTON BEACH
NEWPORT BEACH
BALBA

Mountain Resorts

MT. LOWE
LAMP BALDY
HODGINS CAMP
CLIFF CAMP
CALIFORNIA CAMP
FOLLOWING CAMP
STRAVEY LANE
AND SAN BERNARDINO
MOUNTAIN RESORTS

In either case the PACIFIC ELECTRIC RAILWAY offers unexcelled service to seaside resorts and direct connections to many mountain camps.

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