WHAT!

WHEN! WHERE!

4 IN 1 - D. M. S. & B.

LIFE EXTENSION BULLETIN

Without Lime There Can Be No Life, Either Animal, Plant or Human

VOL. I -

NOVEMBER, 1921

DAVID STARR JORDAN Stanford University P. O. California

October 10, 1921.

October 10, 1921.

Mr. S. Maus Purple,
301 Bradbury Building,
Los Angeles, Cal.
Dear Mr. Purple:

I have looked over the collection
which you kindly sent. The large
bones belong, apparently, to whales
and have no scientific interest because
they are so imperfect. The shells are
well preserved and very interesting.
My boy, Eric Jordan, who is something of an expert on them, will give
the names when I return them.

The University will be very glad,
however, to have this collection back
or a similar one, in order that they
could be studied in detail, for some of
them are undoubtedly new, and the
whole would throw an interesting
light on the life of the period to
which they belong, which I suppose is
Miocene.

The two large shark's teeth are es-

which they belong, which I suppose is Miocene.

The two large shark's teeth are especially valuable because they are different from any we have ever received and the species, one of the great white sharks, seems to be new to science. The fish must have been nearly 100 feet long for the living species, which reaches 35 feet, has teeth one inch long. This differs in the smoother edges of the teeth and in some degree in the form.

It would be a very great favor if you could return these large shark teeth to us, and I would describe them and turn them over to the United States National Museum, where they ought to belong, after you get through with your exhibit.

Very truly yours,
(Signed)

DAVID STARR JORDAN.

(Signed) DAVID STARR JORDAN.

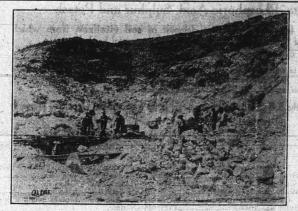
Judicial minds of today, by strengthening each unit of production are preparing for the normal price adjustments of tomorrow.

It is imperative that "you" adjust yourself for the unknown quantity of the future and use D. M. S. & B. Lime wherever you can get it in.

TO DUST

Use D. M. S. & B. SUPER-LIME, onsisting of the decomposed remains f the most powerful and gigantic inmals and human beings of the orld's history, who now contribute to the strength of what they once adde weak.

Order A. F. FISHERING. R. F. D. Box 141, Anaheim, Cal. Anaheim, Cal. Support of the strength of what they once add weak.



View of very small portion of the D. M. S. deposit where prehistoric water and land mammels fought and played on the shores of the Pacific previous to man's existance

Analytical Chemist
opp Bldg. Phone 13079 306-311 Copp Bldg. Phone 1 218 S. Broadway Laboratory No. 9156

Los Angeles, Cal.
October 19, 1921.
Torrance Lime & Fertilizer Co.,
Los Angeles, Cal.
I have examined your sample of
Composite Sample received Oct 13th,
1921. Marked for Nitrogen, Phosphoric Acid and Potash, and found it
to contain:

ANOTHER HAPPY HOME

Judicial minds of today, by strengmening each unit of production are preparing for the normal price adjustments of tomorrow.

It is imperative that "you" adjust yourself for the unknown quantity of the future and use D. M. S. & B. Lime wherever you can get it in.

THE DEAN

IRIS GARDENS

GROWERS AND IMPORTERS CHOICE IRIS

The largest collection of Iris in the West—One of the largest it the United States

The largest collection of Iris in the West—One of the largest it the United States

Moneta, California.

September 16, 1921.

Mr. Lee B. Hawkins, Moneta, California.

September 16, 1921.

Mr. Lee B. Hawkins, Moneta, California.

Dear Sir:

After using the product of the Torrance Lime & Fertilizer Company for a year, we are pleased to recommend it, as we believe it to be the best fertilizer we can use for aerating our heavy mesa soil. As I lime in the soil is essential for the best results in growing many of the Jirs species, it also meets our requirements in this respect better than any other product we have heretofore used, therefore we expect to continue its use so long as it is on the market.

Very sincerely, THE DEAN IRIS GARDENS. (Signed) John James Dean.

SARTH TO EARTH AND DUST TO DUST

Use D. M. S. & B. SUPER-LIME, Consisting of the decomposed remains consisting of the decompos

EQUIVOCAL

A busy minister wished to prepare his Sunday sermon in peace, and instructed his Irish servant not to admit any one to his study until he was through. "Don't tell an actual untruth and say that I am not at home," admonished the good man, "but if any one calls, just give him an equivocal answer."

Read what one of our most emient Engineers had to say about D. M. S. & B. Lime in the early stages of excavation:

Dr. Julius Koebig, Chemical and Mining Engineer, 612 I. W. Hellman Bldg., Los Angeles, Cal., says in part: October 30, 1919. Torrance Lime and Fertilizer Com-

pany, Torrance, California. Gentlemen:

Gentlemen:

The granular structure renders the lime easily available to the soil. The phosphoric acid, in a form as available as in bone meal, amounts to about 15 pounds per ton, which should give this lime sone an additional value for agricultural purposes.

Respectfully,

DR. JULIUS KORBIG.

Another noted engineer, in letter directed to the Torrance Lime & Fertilizer Co., says in

The natural assimilation of plant foods by the soil is no different from the physiological function of digestion in the human system. The breaking down of coarse plant foods by the aid of the sun, wind and rain can be likened to the period of mastication. In both cases nature has provided for disintegration and consequent pulverization as a means of reducing the food to a dissolved or soluble form, which is the only condition in which it can be assimilated. Lue, being the chief constituent of the bony structure of the human system, being over 90 per cent, and the chief element in the fibrous structure of plant life, it naturally follows that without this all-important element life in any form could not exist.

Yours very truly,
J. P. DE L'EAU.

your grain Johnnie side, you'

answer."

He wrote a good sermon and emerged in a couple of hours. "Well, Bridget," he queried, "did any one come?"

"Wan man, yer honor," replied Bridget. "But I did as ye tould me and give him a ckivikle answer. 'Is the minister to home?' sez he, and sez I 'Was yer grandmother a monkey?'"

There is no equivocal answer to D. M. S. Lime.

17 REASONS WHY

Los Angeles, Cal., August 27th, 1921. Mr. S. Maus Purple,

Dear Sir:

This is to attest that on Sunday morning, August 14th, 1921, I witnessed your experiment on a Dathia plant which had three branches leading off of the main stalk 30 inches from the ground. One stalk about 32 inches long had three undeveloped buds on it. This stalk you broke entirely away from the main stalk, leaving only a vestige of skin connecting. You then laid it back into its natural position and made a poultice of D. M. S. Fertilizer and water which you bound all around the stalks at the break.

Gen. Manager,
Torrance Lime & Fertilizer Co.,
Lomia, Cal.

and is necessary to the growin or plants.

14. D. M. S. Lime releases, and makes usable, stored-up plant food.

15. D. M. S. Lime assists in restoring land to its high yielding power and original productiveness.

16. D. M. S. Lime is a corrector, a dissolver, a decomposer, a liberator of certain parts of the animal, vegetable and mineral substance contained in the soil, and is a fertility maintainer 17. D. M. S. Lime insures increased production, more wealth, and a more permanent agriculture.

Use more D. M. S.

JOHNNIE KNEW
Johnnie (to new visitor)—So you
re my grandma, are you?
Grandmother—Yes, Johnnie, I'm
our grandma on your father's side.
Johnnie—Well, you're on the wrong
jroductive than any other substance
used as a fertilizer.

The old Roman husbandman—Cato—refers to the use of lime and marl on the land, and he lived 200 years B. C. He would be alive today had he used D. M. S. & B. Super-Lime.

University of Southern California College of Dentistry Biology J. Z. Gilbert, A. M., Sc. D., LL. D.

Los Angeles, Calif. October 19, 1921.

Los Angeles, Calif.
October 19, 1921.

My dear Mr. Purple:
I am so glad to know that your
work at Torrance is prospering.
When visiting the group I was much
interested in the character of the deposit from the standpoint of fossil
material.
Since visiting there I have looked
up some of the finds and note that
there are about 25 species of shells
and that the shark tooth is probably
new. May I ask whether any more
specimens are available for study? I
would be pleased to arrange for a
complete collection for special identification and study. Would like to arrange a visit to the quarry soon, perhaps Saturday afternoon.
A word concerning your pleasure in
the matter would greatly oblige me.
I had hoped to have some of the material from your place on my ranch at
LaVerne, but I fear the distance is
prohibitive in price.

Very sincerely yours,
J. Z. GILBERT.

position and made a politice of D. M. S. Fertilizer and water which you bound all around the stalks at the break.

To date, August 27th, the entire plant has not wilted in the slightest. One of the buds is in full blossom, having a diameter of 4½ inches, and the other two are opening up. The broken stalkhas grown at least two inches and has thrown new leaves and new buds.

I want to thank you for allowing me to witness such a wonderful demonstration with your D. M. S. Fertilizer, which I have been using successfully myself for the past three months.

Yours yery turly,
MRS. ROBT. A. IMRIE,
1844 Middleton Place.
Note.—Up to Oct. 22nd the mended branch has produced 12 new full blossoms and grown over 12 inches.

GEOLOGISIS REPORT

TREASONS WHY
YOU SHOULD USE
D. M. S. LIME

1. D. M. S. Lime corrects acidity of the soil.
2. D. M. S. Lime improves the texture of soils—makes them more itable.
3. D. M. S. Lime decomposes potash compounds and makes them more available.
4. D. M. S. Lime assists in the conversion of organic matter into available thumus.
5. D. M. S. Lime assists in the conversion of organic matter into available thumus.
5. D. M. S. Lime assists in the conversion of organic matter into available thumus.
5. D. M. S. Lime assists in the conversion of organic matter into available fermentation processes.
6. D. M. S. Lime assists in the conversion of organic matter into available fermentation processes.
6. D. M. S. Lime makes sandy soils more cohesive and retentive of moist urc.
8. D. M. S. Lime makes sandy soils more cohesive and retentive of moist urc.
8. D. M. S. Lime makes sandy soils porous and granular.
9. D. M. S. Lime promotes the nitrification of soil through the colonies of bacteria on leguminous plants.
10. D. M. S. Lime promotes the mitrification of soil through the colonies of bacteria on leguminous plants.
11. D. M. S. Lime produces the sanitary conditions that prevent the growth of injurious bacteria.
12. D. M. S. Lime removes and overcomes the accumulations of poisons that are formed by the decay of humus and excretions from plant roots.
11. D. M. S. Lime removes and owercomes the accumulations of poisons that are formed by the decay of humus and excretions from plant roots.
11. D. M. S. Lime removes and owercomes the accumulations of poisons that are formed by the decay of humus and excretions from plant roots.
11. D. M. S. Lime is a plant food.
12. D. M. S. Lime sassists in restoring land to its high yielding power and the decay of humus and excretions from plant roots.
13. D. M. S. Lime sassists in testoring land to its high yielding power and the proposed points.
14. D. M. S. Lime assists in testoring land mineral plant food.
15. D. M. S. Lime the produces the same plant food and is necessary to the growth of plant

Sincerely yours,
ERNEST G. LOCKE,
Geologist