

Organic Matter (including the	e 10
Nitrogen)	6.40
Millogen Anil (P.O.)	0.59
Phosphoric Acid (1204)	262
Calcium Oxide (CaO)	2.02
Sulfue Trioxide (SOa)	0.22
Sundi Inoxide (MgO)	1.16
Magnesium Oxide (MgO)	12012
Total Potassium Oxide	
(KO) 1.44%	
(120)	0.03
Free Sultur	2 64
Carbon Dioxide (COs)	2.04
Allali Carbonates, Bicarbon-	1992
Alkan Calbonacco	Nor
ates, Chiorides, etc.a. Abo	VE
Synthetic Form of the Abo	
Nitrogen Total 0.17%	
Willogen, Lotter lincluding the	
Organic Matter (including the	640

Calcium Carbonate (CaCO ₃)	3.1
Magnesium Carbonate	24
(MgCO _s)	2.4
(Cas(PO ₄) ₂)	0.0
Alkalies	No

4

Dr. S. O. Barnes, of Gardena, a na-tional authority on poultry, states: "It is not necessary for the chick-ens to digest D. M. S. as it is already available. Some of the lime is ab-sorbed previous to entering the giz-ard where it is prepared for further absorption for the intestinal tract. We find within the gizzard the crystals and the lime acting as a grinder of the food for assimilation in the intestinal ract. We also find that the D. M. S. bad been entirely absorbed, i. c. (these properties, except the silica) which was still performing its function of the singer form to the sector a sumilation to the the site of the strengthening. The poung chickens that me has been from broken or ground lime thas been from broken or ground that all times to some form of lime. The poultry man's usual supply of the bind extern to a shell that is not de-somposed is not very soluble. The young chickens that membrane. Place D. M. S. before young chickens taken from the ince-bator and it will prevent bowet trouble.

CHICKENS REQUIRE LIME FOR PROPER GROWTH

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D. M. S. & B. LIME DE COMPOSED MARINE SHELL AND BONE is a near pre-digested combination of lime and other health-giving elements that sup-plies their lime needs in a most satis-factory way. It is a granular and available form of calcium carbonate (lime) with a considerable content of calcium sulphate, calcium photphate and magnesium carbonate, as well as silica. These elements, together with frond, form a combination unequaled for the building up of the entire body -bone, tissue and blood. D. M. S. & B. for poultry is ob-tained from the Torrance Lime Com-pany quarries near Lomita, famous for the prehistoric animal bones and rare marine shells discovered there. It is screened to the average size of a grain of corn and smaller, but it is D. M. S. & B. LIME

EASY TO ASSIMILATE Older chicks, fed with D. M. S. & B., are also to a remarkable extent kept free from disease. This is ac-complished, not only by increasing the resistive powers common to a healthy bird, but by the action of the carbon dioxide contained in the lime, which assists in eliminating some of the poi-sonous matter that may be obtahed from faulty food. Keep before them an ample supply of D. M. S. & B. Laying stock will have a most cer-tain and sufficient egg-shell supply. In fact, the egg-shell itself, a form of lime that is known to be easily di-gested, is the only real competitor of DECOMPOSED MARINE SHELL AND BONE, so nearly does this ma-terial meet the natural needs and re-quirements.

OF GREAT VALU ETO POUL-TRYMEN

Los Angeles, Cal., July 15, 1921. MR. W. A. DYER, Orange, Calif. Dear Mr. Dyer: Replying to your inquiry concerning the marine shell lime, mentioned in our July issue, Mr. Albert J. Mason is a very highly valued and respected member of our staff, widely known as an authorita-tive writer on agricultural subjects and especially to be commended for his accuracy. Mr. Mason's article was written following a tour of inspection through Los Angeles and Orange Gounties. He felt that this material was some-thing more than mere lime; that in fact, it was valuable as well for use as a fertilize: From my personal inspection of the quarry where this stuff is being taken out and from my experience in using the lime on house plants and garden, I can assure you that it is a very re-markable product. I am acquainted with Mr. Purple, the general mianger of the company which sells it and believe fiim to be both reliable and well informed. Trusting that this information is of value to you, I am. Yours very truly, IAS C. KNOLLIN, Editor. TRYMEN Judging by the results of long and careful experiments on both young and old fowls, which have been car-ried on during the past several years by Dr. S. O. Barnes, of Gardena, we are justified in announcing this mate-rial as a most essential nad efficient co-worker of the poultrymain from the standpoint of growing healthy, profit-able flocks. In summing up the value of DE-

standpoint of growing healthy, profit-able flocks.
In summing up the value of DE-COMPOSED MARINE SHELL AND BONE to the poultryman, we find that—

 The lime requirement of the chicken is fully supplied in that is easy to digest.
 Digestion and assimilation of its other foods are greatly assisted;
 The neutralizing or elimination of poisons from faulty food is ac complished:
 Egg production and size are in-creased and a stronger shell formed;
 Every pyrt of the body—its bone, tissee and blood—is built up and invigorated.
 Feed your chickens DECOM.
 Every pyrt of the body—its bone, tissee and blood—is built up and invigorated.
 The BEST COSTS LESS.

It me BEST COSTS LESS.

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Externally-Internally Eternally

s very truly, JAS. C. KNOLLIN, Editor.

Yours

Odorless D. M. S. Lime Fertilizer

Los Angeles, Cal., July 15, 1921. MR. W. A. DYER,