"This Bulletin Is of Great Value to Historians, Geologits, Scientists, Agriculturists. If Your Neighbor Has Not Received One It Will be a Kindness to Permit Him to Read It."

MISCHIEVOUS MEDDLING DELEWARE COLLEGE AGRICUL- DOES IT PAY TO APPLY LINE- SCIENCE DEMANDS THAT LINE FORTIFIES AGAINST THE WITHOUT LIME-NO LIFE **IS CHARGE MADE BY** ORANGE SHIPPERS

DEPARTMENTS OF AGRICULTURE Grantham says in part: AND FARM ADVISORS ARE SEVERELY CRITICIZED

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Declaration was today made by the orange shippers that the con-troversy over the "crystals in two or more segments" clause of Direc-tor of Agriculture Hecke's regula-tions regarding frosted fruit must

justice in Fruit of poor quality the regulations have been unfair to the growers. Fruit showing crystals is virtu-ally as good as much "nipped" fruit shipped from exposed districts each season, according to Harry and Frank Chase of the National Orange Company, Riverside. C. M. Brown of Redlands, representing 3000 acres of groves, believes that the inspec-tors are standing on technicalities. Officials of the California Fruit Growers' Exchange, independent and private packers, shippers and grow-ers, state and county inspectors, bankers and other interested per-sons will meet at 1 p. m. Monday in the assembly room of the Califor-nia Citrus League, Consolidated Realty Building, G. W. Hecke, State Director of Agriculture, now on his way from Washington, will preside.

way from washington, will preside. EL CENTRO, Feb. 1.—The Ba-reau of Plant Industry, United States Department of Agriculture, was the subject of bitter attacks by date growers of Imperial and Coa-chella Valleys at a meeting of the EI Centro Chamber of Commerce held here today. "Mischlevous meddling" and "ex-perimental work resulting in loss to date growers" was charged against the bureau by R. H. Postlethwaite, manager of the Menakher date gar-dens.

covins Argus, Feb. 5, 1922.
"Old-Time Rancher" on Fertilization says in part:
There appeared in the Los Angels, Times some time last week an article by Farm Advisor Hodge and the solution of the sone in which orrange growers were advised not to use highly concentrated fertilizers on frosted groves in an article by Farm Advisor Hodge and agreed ally for those of the Central States, there are only three this spring, but instead to use lime bean straw, alfalts straw and barning that this difficult for us to understand such advice given by Mr. Hodgeon, especially in the other and be bought at an absurdity, because nother are and alfalts straw at present is an absurdity, because nother and is the most at any price. There is none in the market now, nor has there been at the unstee all the other, and is the most are ponsive fertilizer from the stand point of unit value that can be bought at this time. These and the third is out of all sense and reason in price. No orange growers can afford to buy at present prices and haul to the roogs effort. Two of them cannot be stored for once and the third is out of all sense and reason in prices. No orange growers can afford to buy at present prices and haul to the roogs effort. There the stored of all sense and reason in prices to 75 per cent of molsture.
Higs and mighty tampering with relegated to the waste basket, Constitural conterprises should be withheld until they and the witheld until the prices and haul to his prosemanty of the agricultural departments.
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ments. Snap judgment and breezy opi-nions should be withheld until they have given each subject great in-tensive study. _____D. M. S. & B._____

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tions that lime performs in

STATION

performing the many different func- yield

the orange suppers that the con-troversy over the "crystals in two or more segments" clause of Direc-tor of Agriculture Hecke's regula-tions regarding frosted fruit must be setting the doubtful fruit wo market. More than 150 carloads of fruit stated the shippers, if the ban were lifted alightly. It is believed that it o avoid doing the consumer an in-justice in fruit of poor quality the growrs. Fruit showing crystals is virtu-ality as good as much "nipped" fruit shipped from exposed districts each Frank Chase of the National Orange

WHY LIME GRANULATION IS BENEFICIAL

Trade Bulletin No. 104 (By John A. Slipher) Makes tillage more effective

Makes tillage more effective and less cosily.
 Renders soil permeable.
 Aids reception storage and distribution of moisture.
 Facilitates control of evapo-ration. Moreover, lime has a di-rect power to curital evaporation.
 From a recent investigation, it was learned that the addition of lime to a loam soil lessened the loss of moisture to the air by 11 per cent, while on a clay loam it effected a diminuation of 68 per cent.
 Fortisties against "heaving" and wolds nitrogen-starvation.
 Fortifies against "heaving" and winter-killing.

Trade Bulletin No. 111 (By E. O. Fippin and J. A. Slipher) Three kinds of profit from liming are to be recognized. They are: 1.—Annual crop profit. 2.—Value of increased product-iveness of the soil. 3.—Capital profit.

Chief of Soils Department.

Prof. Bear. Chief of Solis Depart-ment, Ohio State University, says: "The development of a permanent system of soil building is funda-mental to the welfare of our State

RARE FINDS OF BONE

because investore indicently in the pleistorem age, found from time observed that sweet clover plants or human. Dr. Wm. Crocker, University of Chicago, Barton inter of the soil, and indirectly by improving the inter in the quarry of the Ton. An inter inter and the pleistorem age, found from the observed that sweet clover plants inter which form in the quarry of the ton. An inter inter and the pleistorem age, found from the observed that sweet clover plants inter a freedom and the warms, and the pleistorem age, found from the observed that sweet clover plants grown on the soil, make inter which form the observed that have a state of the soil, sate inter which form the observed that have a state of the soil, sate inter which form the interview i

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 Buildetin No. 104
 (Farm Bureau of Warren County, Illinois.)
 BE CARED FOR
 Liming the soft substantially reduces winter killing of clover plants.
 MAL, OK HUMAN

 Firman Thompson and A. E.
 Why does it pay to apply lime, stone to most of our soils? It pays to the pleistocene age, found from time proving the many different fune- yield directly and indirectly by to time in the quarry of the proving on limed soil were better able to withstand the effects of win.
 MAL, OK HUMAN

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