THE FINENESS OF LIME AND LIMESTONE APPLICATION AS RELATED TO CROP PRODUCTION.

WILLIAM FREAR.

This subject, which, by the courtesy of your program committee for this meeting, I have been asked to discuss before you, had not, until about a decade ago, been a matter of at all rigorous investigation, altho such observations and experiments as were then available had led to very generally adopted recommendations for the use of care to secure a fine product in the slaking of lime and to choose fine-grained rather than the coarser marls for soil dressing, where such choice was possible.

When machinery had been developed by use of which limestone

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1 Contribution from the Pennsylvania Agricultural Experiment Station, State College, Pa. Presented at the thirteenth annual meeting of the American Society of Agronomy, Springfield, Mass, October 19, 1920.

2 Vice director and experimental agricultural chemist, Pennsylvania Agricultural Experiment Station.