In order to give students of agriculture a more vivid picture of base exchange, a movie has been produced which demonstrated both technique and mechanism of ionic exchange reactions. The film lasts about 30 minutes and has proved to be of real service in the teaching of soil chemistry. The titles read as listed.

The Story of Base Exchange

An investigation on the mechanism of one of the most important soil reactions.

A contribution from the Department of Soils, University of Missouri, Columbia, Missouri

Movie Staff

Dr. Hans Jenny, in charge
Earl R. Shade, Assistant
J. F. Barham, Photographer

Act I

Sampling and Preparation of the Colloidal Material

Digging a soil profile in the Putnam silt loam