

character. The curing experiments are designed to give information on this point.

#### 5. Hemp

Hemp is a very important crop in Central Kentucky. It is a nitrogen-loving crop and requires the very richest land to produce a good crop. In recent years the prices have been so high that it is believed that commercial nitrogen could be profitably used. We have, accordingly, been conducting experiments with the use of nitrates.

Most of the hemp seed is grown in Kentucky. Hemp deteriorates unless careful selection is practiced. We are making some selections in an effort not only to keep a strain up to a high standard, but possibly to improve it.

Some tests on controlling wild onions and nut-grass with hemp are being conducted.

#### 6. Variety Tests of Alfalfa

Many questions are asked about the value of Grimm and Cossack alfalfas for Kentucky. We are making some plot tests of these varieties, comparing them with the common alfalfas.

#### 7. Winter Barley

For several years we made extensive tests of winter barley. Just now we are comparing a beardless winter barley with the ordinary winter barley.

#### 8. Clover Seeding Experiments

What is the best time to seed clover in Kentucky, and the best way? This is an important question, for clover failures are common. We have a series of experiments designed to answer this question.