

Gearing to rotate toward each other, the rollers take hold of the drooping corn ears by their tips. At the point where the spirals reverse, they snap the ears from the stalks, at the same time

stripping them clean of husks. The ears drop into a container beneath, whence they are carried by a conveyor belt to the accompanying truck or wagon.

*Science News Letter, September 6, 1941*

numbers of cases. For the week ending Aug. 16, 32 cases were reported. For the following week, the number was 20.

Maryland reported one case of "epidemic encephalitis." What type of sleeping sickness this is also remains unknown.

*Science News Letter, September 6, 1941*

## PUBLIC HEALTH

## Infantile Paralysis Spreads In East Central States

South, Where Outbreak Has Been Worst, Has Small Increase; Spreading in Pennsylvania, New York

**G**REATEST increases in infantile paralysis are now in Pennsylvania, New Jersey and New York, according to reports received by the U. S. Public Health Service.

In Pennsylvania, the number of new cases jumped from 45 in the week ending Aug. 16 to 82 in the week ending Aug. 23. New Jersey's cases increased from 17 to 25 and New York's from 49 to 66.

In the South, where the outbreak has been worst, the increases were small for the week of Aug. 23. Alabama actually had a drop in new cases from 82 to 78. Tennessee reported 39 instead of 37 as for the previous week. Kentucky's were 25 as compared with 15. Georgia had 74 instead of 69.

Maryland and Virginia reported increases from 16 to 21 for Maryland and from seven to nine for Virginia. The District of Columbia had six new cases, although eight were reported there during the previous week.

In Ohio, there was an increase from 37 to 44. Illinois reported an increase from 18 to 23. In Minnesota, the number of new cases was just the same as for the previous week—14. Michigan had a decrease from 16 to only six.

The sleeping sickness (encephalitis) outbreak seems to be subsiding in the northern midwestern states, but it took an enormous jump up across the Canadian border in Manitoba. There, 127 new cases were reported for the week of Aug. 22—a leap from only 22 cases the previous week. This province also reported 162 new cases of infantile paralysis for the same week.

The number of new cases of sleeping sickness in North Dakota dropped from 340 to 120 for the week ending Aug. 23. South Dakota's dropped from 44 to 38, and Minnesota's from 121 to 95.

Texas reported 9 new cases of sleeping sickness for the week ending Aug. 23. It is not known in Washington whether this is the same sort of encephalitis as in the outbreak in the northern states, which is suspected of being Western equine variety. Texas has reported an outbreak among animals there of the Eastern equine type, a very different disease.

Colorado, which has been reporting occasional cases of human sleeping sickness in past months, now reports larger

## ENGINEERING

## Power Apparatus Tested In "Arctic" Laboratory

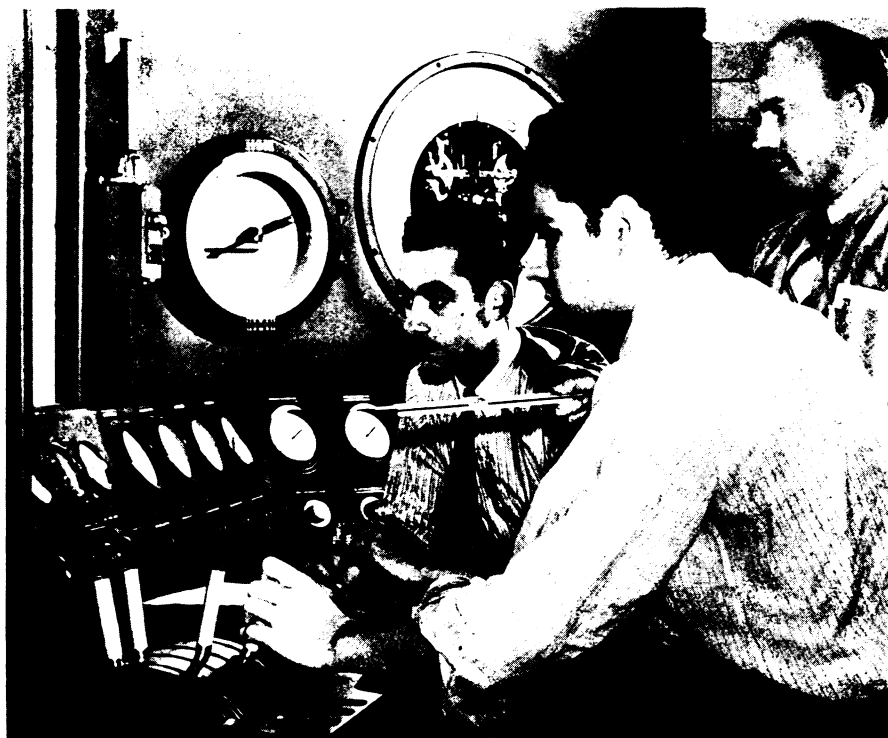
See Front Cover

**I**N ORDER to be sure that circuit breakers will function properly even when coated with ice, Westinghouse laboratory scientists subject them to the synthetic winter shown on the front cover of this week's SCIENCE NEWS LETTER.

In addition to this test for electrical equipment, they are also struck by laboratory lightning, exposed to artificial "showers" for weeks at a time and subjected to powerful electric currents.

*Science News Letter, September 6, 1941*

To find out which grasses cows prefer at different seasons, researchers have planted *cow cafeteria* lines with various pasture grasses in 15-foot-wide strips.



### LEARN ENGINE TEST

*These apprentices who are learning how to operate airplane engine test house apparatus will assist operators when big Pratt and Whitney aircraft engines are being produced in a new plant of Ford at the Rouge.*