



**NORTH GOES SOUTH**—Wheat, a crop that originated in the Northern Hemisphere (probably somewhere in the Near East), is being harvested by a husky Maori native in New Zealand.

churia bears the notations (South Dakota) and (Nebraska). Korea is likened to Minnesota and the great Chinese peninsular province of Shantung is equated partly with Kansas, partly with Wisconsin.

At the other extreme, such southern Chinese provinces as Kunnan, Kwangsi and Kwangtung, which are usually frost-free the year round, all bear the notation (Florida). The name of Texas appears in a number of places on the map.

It is even possible, in many instances, to find climatic "doubles" in this country for individual cities in China. Thus, the American city with a climate most nearly like that of Peiping is Salina, Kans.; Dr. Nuttinson adds the remark that Salina is "slightly warmer." The climatic analogue of Canton is Cedar Keys, on the Gulf coast of Florida; that of Nanking is Paw-

huska, Okla. Harbin, in Manchuria, has a climate most like that of Winnipeg; remote Urga, in Mongolia, has its "double" in the northwestern Canadian city of Prince Albert.

These climatic analogies between China and North America do not surprise scientists. Agronomists recall how quickly China adopted such New World crops as corn, potatoes, peanuts and tobacco, and how we in turn have received such good gifts from China as soybeans, rice, citrus fruits and tung trees. Botanists have long pointed out the curious fact that prominent in the Chinese flora are trees like the chestnut and shrubs like rhododendron, which we are apt to think of as peculiarly American. The value of Dr. Nuttinson's studies lies in the closer pin-pointing of these hitherto generalized facts, with consequent possibilities of earlier and more profitable applications to practical problems.

Science News Letter, August 13, 1949

**INVENTION**

**Calves Feed Themselves From Nipple-Equipped Pail**

➤ "BABY-SITTER" for bossy-cow is a newly designed milk pail with a plastic nipple near the bottom, for use by the calf separated from its mother. It is a product of General Electric, far removed from the giant electric generators and 50,000,000-volt atom-smashing betatrons which the same company builds.

Hung on a fence, it enables new-born calves to take their milk under conditions similar to natural feeding, so that they can be separated from their mothers two days after birth. A check-valve, made of molded plastic, compels calves to drink in small sips and keeps them from gulping large quantities of air.

This new calf-feeding device has a name of its own. It is a "calf-teria" and it is to be marketed by the Calf-teria Company of Fort Wayne, Ind.

Science News Letter, August 13, 1949

**ENGINEERING**

**Fertilizer Material Mined Faster with New Equipment**

➤ EIGHT tons of potash ore for fertilizer is now dumped each minute from a new mine hoist in Carlsbad, N. Mex., which carries the ore automatically to the surface from 1,150 feet below ground.

Two ore buckets, or "skips", each with an eight-ton capacity, operate in the vertical shaft, alternately being loaded and hoisting the ore to the surface. The new "push-button" drive and control equipment, driven by a pair of 500-horsepower motors, was developed by the General Electric Company.

Science News Letter, August 13, 1949

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