

Foreign Pedigrees In Grain Varieties

Geneva, N.Y. — (U.P.) — Practically all the present commercial grain varieties in the United States carry germ plasm traceable to foreign parents, according to a plant expert at the state agricultural experiment station here.

"Also, 55 or 56 potato varieties released since 1932 in state and federal breeding programs are reported to have one or more foreign introductions in their pedigrees," pointed out Dr. D. D. Dolan, regional coordinator of the northeastern regional introduction station.

For this reason, Dolan says, it is important to grow, evaluate and distribute plant introductions from abroad.

In a current project, Dolan is studying among other plants, an alfalfa from Spain which has a distinctive branching habit, a cucumber from Korea and a tomato from India. He said all may have characteristics that may prove valuable to plant breeders in this country.

Besides looking for desirable traits that might be used by plant breeders, the station preserves seeds of older varieties to guard against loss of germ plasm that might be wanted in the future.

CLEANED

Hartford, Conn. — (U.P.) — While Mrs. Antose Papekas was taking a bath, a thief tip-toed into her apartment and cleaned out her wallet which contained \$400.

Adolph Sutro helped the first San Francisco Arbor day in 1886 by donating thousands of trees and encouraging school children to plant them in public places.

Beauty Treatments Major Part of Spring Cleaning

Kent, O. — (U.P.) — In the spring, a home-owner's fancy turns to fancying up his grounds. This is the season when shrubs and trees take a trimming.

Arboreal beauty treatments are an important part of spring cleaning, but too much haste may spoil the job.

Most deciduous shrubs should not be trimmed until after they have flowered, advises Martin L. Davey, Jr., (president of the Davey Tree Expert Co.). Premature trimming may destroy buds before they can display their beauty. Pruning directly after the flowers fall is good time-tested practice.

Severe Shearing

Evergreens should be given a severe shearing late in March or early in April. The freshly barbed look will be gone by summer and shrubs will be better groomed and more vigorous.

But those evergreens which show signs of winter injury shouldn't be trimmed until the growing season is well under way. Cutting off dead-looking brown sections may remove foliage that would survive, if left intact. When new growth appears on main stems and trunks, all injured parts should be removed.

It's also a good idea to give evergreens a spring bath. If they grow in metropolitan areas or smoky sections of the country, chances are the leaves have become covered with soot during winter months. Besides interfering with tree breathing, soot cuts off the sunlight needed for proper health and growth.

Tree Feeding

A strong spray from a garden hose, washing carefully from bottom to top, should be sufficient to clean away most of the soot.

Evergreens require this sea-

sonal attention more than deciduous sorts since they must wear the same clothes for several years, instead of getting a new wardrobe every spring.

Both evergreens and deciduous trees may require extra food to recover from the rigors of winter. It is virtually impossible for them to get the same food supply from lawns and backyards as nature provides in the woods.

For shrubs and shrub evergreens, the quickest method is to broadcast fertilizer over the entire bed area and incorporate it into soil by cultivation.

Punch Bar Method

For trees, feeding is done most often by the punch bar or auger method in order to spread fertilizer throughout the root area. Holes are punched about 18 inches deep and spaced one foot apart. Equal amounts of fertilizer are placed in each hole. Then the holes are filled with loosely-packed peat moss, shredded manure or topsoil.

Trees have big appetites and can store food as camels store water. Proper feeding means renewed vigor, longer life. Although homeowners often estimate that 25 or 30 pounds of fertilizer is enough for the average shade tree, Davey said his experts have found that the dosage should be in direct relation to the size of the tree and area of root spread. Mature specimens often demand 100 pounds or more.

Jellyfish belong to a very large group that includes sea anemones, corals and sea fans—all forms equipped with stinging cells.

In California about 50 per cent of power generated is hydroelectric, compared with 30 per cent nationwide.

Building To Include Offices, Residences

Chicago — (U.P.) — Plans have been announced for construction of a new type, 15-story building that will include both offices and residences for professional occupants.

Arthur Rubloff & Co., a realty firm, announced that the structure will be built on Chicago's near north side. It will be the first multi-storied duplex, office-residence building ever built.

The \$2,000,000 building will house 48 duplex units. In each unit, the top floor will be the office and the bottom floor the residence and each unit will have its private staircase.

Tenants will be doctors, commercial artists, interior decorators, photographers, engineers, architects and the like. A tenant must rent both an office and an apartment.

The building, "X" shaped to provide maximum sunlight, will be completely air-conditioned.

The builders said it will open up "a new way of business life." "Innumerable man hours will be saved by the individual, since the only time elapsed from home to office and from office to home will be a stairway of one flight," the firm said.

Salem — (U.P.) — Five bills designed to give the Oregon Racing Commission tighter control over horse and dog racing meets in Oregon have been signed by Gov. Paul L. Patterson.

Washington — (U.P.) — A Senate public works subcommittee has approved a bill to increase the authorization for replacement of Indian fishing grounds made unusable by Bonneville dam from \$50,000 to \$185,000.

The last of San Francisco's fire horses was retired in 1921.

Volcanologist Credited With Saving Hawaiian Lives

Pahoa, Hawaii — (U.P.) — Dr. Gordon A. Macdonald is a hero today in the eyes of the volcano-plagued people of the Puna coast. The 43-year-old volcanologist is the man they credit with saving their lives even when he couldn't save their homes and land.

Macdonald is a tall, gangling, scholarly appearing Californian who looks every inch the scientist he is, but very little like the hero he is considered to be.

He is a hero to residents of the Puna district because he looks at a volcano from a human as well as a scientific viewpoint. They believe he is largely responsible for preserving Hawaii's record of never having a fatal volcanic eruption in modern times.

Only Installation

Macdonald runs the Hawaii volcanic observatory at Kilauea crater in the heart of Hawaii's volcanoland. The observatory is the only installation of its type in United States territory. He went far beyond his call of duty as a government scientist during the recent eruption in Puna.

Macdonald's job was to study the progress of the eruption and lava flow with his trained eye and scientific measuring instruments. But when he saw that life was endangered, he took command of evacuation and security operations during the awesome eruption—the first in modern American history to occur in a populated area.

He told the Civil Defense people and the National Guard which places should be evacuated. He told police where to set up roadblocks for the protection of eager sightseers. He comforted evacuees and reasoned with territorial legislators, some of whom viewed the eruption with more alarm than necessary. He took valuable time to brief reporters, taking pains to give them a complete and accurate picture of the situation.

Drive-in Variety

The ordinary Hawaiian volcano is the "drive-in" variety, situated in a deep pit where spectators can stand safely on the edge and watch the fiery show

Food Lures Ducks From Trip To South

Milton, Pa. — (U.P.) — A flock of 75 mallard ducks here decided against the traditional trip southward and instead spent the winter months on the chilly waters of the Susquehanna River.

Food provided by Milton residents was an important reason for their decision to stay.

The mallards began to gather on the river last year. Later game officials inspected the ducks and their new winter environment following reports that some of the birds had died of starvation. They said the ducks, "natural beggars" and easily tamed, were far from starving.

The officials said the ducks were in good condition and even were "spoiled" by people's attention. The ducks have been fed so

long, officials believed, they have forgotten how to forage. They warned that feeding should be continued throughout the winter months but should be stopped in the spring to permit the ducks to resume natural feeding habits.

For the dairy marketing year ended March 31, 1955, production was 123,000,000,000 pounds compared to 122,400,000,000 for the preceding 12 month period, the U.S. Department of Agriculture has reported.

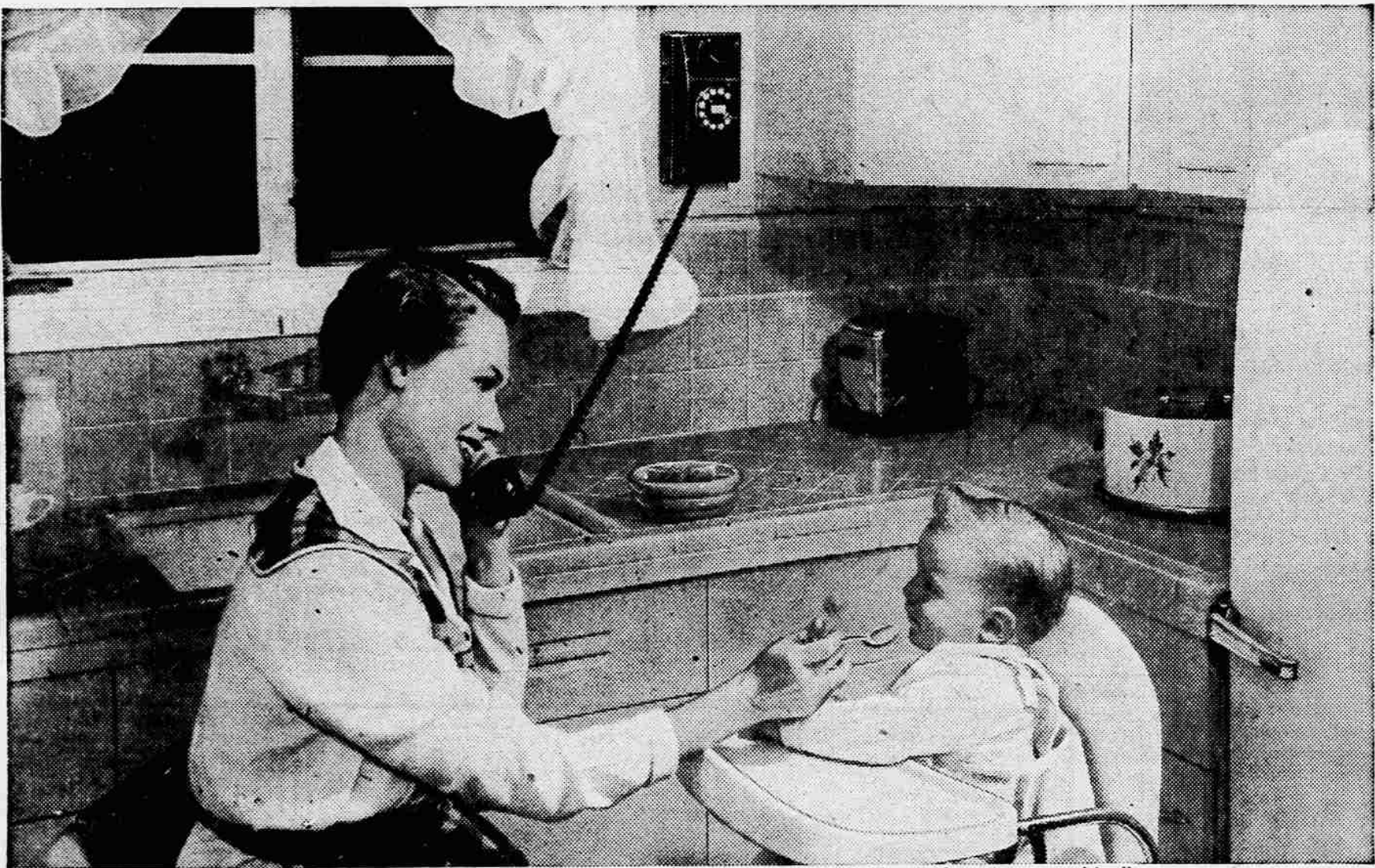
California has the largest remaining stands of virgin timber in the United States.

The Star Spangled Banner was first sung Sept. 22, 1814.

**TIRED?
NERVOUS?
CALM DOWN...
RELAX With**

Snickers
MILK

**GET THE
DAISY HABIT**



With a phone in the kitchen, Mom can take calls—and make them—without "dropping everything".

Extend telephone convenience to any part of your home!



In the living room, where the family spends lots of time, a telephone is a great convenience for everyone.



It's a comfort, indeed, to have a bedside phone that you can reach for easily... without having to get up.

By having an extension phone in every room that's used a lot, you can take the run out of running your home. For an up-to-date arrangement like this is a real time-and-step-saver. Whenever you want to take or make calls, there's always a phone within easy reach. How much for this added convenience? Little more than you pay now. And if you like, you can have your extensions in any of eight full colors or four two-tone combinations. Takes only a couple of minutes to order, too. So call your telephone business office today... or tomorrow sure.



An extension phone in the workshop is a handy tool for Dad, lets him talk without leaving his pet project.

Take life easy... each extension phone costs less than a nickel a day.



Pacific Telephone