

Powdered Orange Juice on Way to Nation's Markets

Washington — UPI — Powdered orange juice is on the way to market.

Scientists of the Agriculture Department and the Florida Citrus Commission are developing an experimental powder which dissolves readily in cold water to make orange juice. It needs no refrigeration and can be stored on the pantry shelf.

To make the powder, small amounts of edible emulsifier are added to concentrated orange juice so it can be whipped into a foam. The foam is then forced through a press in spaghetti-like strips onto a moving belt and dried in a stream of heated air. The dried strips are ground into a powder and flavored with orange oil.

Moisture Absorbed

The powdered juice is packaged with a drying agent, which absorbs excess moisture and prevents caking.

Before the new orange juice powder can be manufactured commercially the scientists must determine whether it can be stored for long periods without flavor changes or other serious deterioration. Further research also is needed to determine the drying conditions that will preserve the fresh orange juice flavor. The powdered orange juice tests are under way at the Agricultural Research Service Laboratory at Winter Haven, Fla.

Study Urged for Education Requests

Salem — UPI — Education requests for the next state budget need a long, hard looking into, State Rep. George Annala (D-Hood River) told the Salem Chamber of Commerce. He spoke as manager of Oregon Tax Research, a non-profit firm.

He said that education agencies are asking \$312.5 million for 1963-65 compared to \$209.9 million in the current biennium.

Annala, who loses his House seat in January because of the 1961 reapportionment, said Oregon's community college program is "growing into a monster."

Heavy Damage in Forests Reported

Portland — UPI — Forestry officials reported heavy damage to timber stands because of last Friday's storm.

Russell E. Getty, Bureau of Land Management director for Oregon, said some 200 million board feet of standing BLM timber were knocked to the ground.

But he added that by the time estimates are completed damage may run to as high as one billion board feet. He said the timber would not be a total loss as some would be salvaged.

A U.S. Forest Service spokesman said after air and ground surveys were made Monday that no figures were available at the moment "but we know the damage will be high."



WATCH ACTION—Mrs. Jacqueline Kennedy holds her son, John Jr., as they watch ceremonies on the south grounds of the White House during which full military honors were bestowed on Algerian Premier Ahmed Ben Bella upon his arrival for talks with President Kennedy. (UPI)

The Medical Roundup

by *Walter Talbot*

Emeritus Consultant in Medicine
Mayo Clinic
Emeritus Professor of Medicine
Mayo Clinic
(Register and Tribune Syndicate, 1962)

Hints That May Save Eyesight

In a recent release of the National Society for the Prevention of Blindness (16 East 40th st., New York 16, N.Y.), the point is made that persons who live on the edge of a wooded area should be careful when they burn raked-up plants and leaves. If the material should contain poison ivy (or poison oak) and the smoke should come into the person's eyes, it could cause serious injury to vision.

Also, it is dangerous to throw old bottles into a rubbish fire because if one should explode with the heat and spray fragments of glass for yards around, the person might lose his sight. Something I didn't know is that if one throws old flashlight batteries into a trash fire they can explode with great force, and, again, fragments might destroy the person's eyesight.

Gout. Many a man writes wondering whether he has the gout. One doctor thinks perhaps he has, and others doubt it. Perhaps the diagnosis of gout was

based on one determination of the amount of uric acid in the blood.

Since this chemical test is not an easy one to make, the first thing I would do, if I were to see the man, would be to get two or more estimations made, preferably by different laboratories. If the amount is always above 6 mgs., it may be that the person has a tendency to gout.

Usually the diagnosis of gout can easily be made if, even once, one of the man's great toe joint becomes red and inflamed and very painful, perhaps about two o'clock in the morning. Sometimes another single joint will give trouble, or several joints will ache.

Often, when I find gout, I find it in a stout man whose blood cholesterol, blood sugar and blood urea are all slightly above normal, showing that in several ways his blood chemistry is slightly abnormal, and his health is in danger. Curiously, women rarely have gout.

In regard to treatment, I doubt if diet often helps very much, unless a man who for long has been eating too well and gaining weight goes on a reduction diet and loses weight slowly. If then he will only stay on his diet, and if he will take off 30 or 40 or even 50 pounds, he will probably feel immensely better, and then he is likely to add several years to his life-span. If he leaves his body chemistry in poor shape, he is likely to get hardening of the arteries, high blood pressure, heart attacks, or a stroke.

The reason why a diet will not always lower the amount of uric acid in the blood is that much of this acid is made in the body. It is the same way with cholesterol. Much of the cholesterol in the blood is made in the body, and hence a cholesterol-free diet can not lower the blood cholesterol level below a certain point.

Some exercise, like walking, may help the gouty man a great deal. Cutting down on the amount of liquor drunk can also help. But dieting can not be counted on to keep attacks of gout from coming. There is much that we do not know about the disease.

In acute attacks, good old

Meeting of the Twain

Each House of Congress Passing Own Bills Seen Way To Make All Happy

By DICK WEST

Washington — UPI — All sorts of explanations have been offered as to why Congress had so much trouble adjourning this year.

One widely circulated theory is that Speaker Sam Rayburn, who died last fall, forgot to tell the leaders who are now running the House how to adjourn it.

Not being able to turn it off, so to speak, there was nothing they could do but keep going until it ran out of gas.

I recall that something similar happened when my wife was learning how to drive an

Khrushchev Meets U. S. Ambassador

Moscow — UPI — Premier Nikita Khrushchev called U.S. Ambassador Foy D. Kohler to his Kremlin office Tuesday for the first time since Kohler took over here last month. They held a three-hour discussion that may have included Berlin.

A U.S. Embassy spokesman declined to comment on the meeting.

While the meeting had been expected from the protocol standpoint, its unusual length indicated Kohler and Khrushchev used it as an opportunity to go over a wide range of issues.

Observers said they considered it likely that Kohler and the Soviet leader mentioned the Berlin and German problems during the talks.

Eugene Observes 100th Anniversary

Salem — UPI — Gov. Mark Hatfield Tuesday paid tribute to Eugene in connection with its centennial.

In a letter to Mayor Edwin Cone, Hatfield said: "On behalf of your fellow citizens throughout Oregon may I extend heartfelt congratulations on Eugene's centennial. As our state's second largest city you have been an inspiration to us all in the progress you have made."

"Civic improvements and services to your people are in evidence everywhere. May your next hundred years be ones of even greater accomplishment."

Viet Cong Forces Down U. S. Plane

Saigon, Viet Nam — UPI — Communist Viet Cong guerrillas Tuesday shot down a U.S. Air Force T28 fighter-bomber flying over the wreckage of an American military observation plane which crashed Monday, a U.S. spokesman reported.

Three airmen were killed in the original crash but the pilot and lone occupant of the T28 survived and were rushed to a military hospital at Tan Son Nhut airport near Saigon. The observation plane was flying reconnaissance for troops of the South Vietnamese 23rd Division in operations against the Viet Cong in the mountains north of Banmethuot.

Killed in the crash were a U.S. Army special forces captain and an Army sergeant. Their names were withheld pending notification of next of kin.

HARD ON TV SETS

Barry, Wales — UPI — The South Wales Electricity board apologized to television viewers today for the sudden increase in voltage. The upsurge blew out hundreds of sets and set fire to four of them.

VISITS PRESIDENT

Washington — UPI — Joseph P. Kennedy, the President's father-in-law, is spending a week at the White House. Press Secretary Pierre Salinger said the elder Kennedy, who suffered a stroke last Dec. 19, arrived Monday and would remain for a week.

colchicine still works well. Other drugs are now available which help us to get uric acid out of our bodies.

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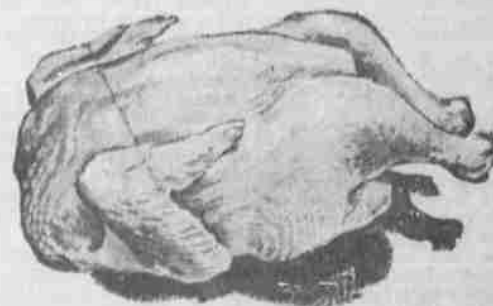
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