

WILLAMETTE VALLEY FARMER

News and Views of Farm and Garden —By LILLIE L. MADSEN

World Losing Battle Against Hunger, UN Official Reports

BY LILLIE L. MADSEN
Farm Editor, The Statesman

PORTLAND — The world is four or five per cent worse off now than it was in 1938 so far as winning the battle against hunger is concerned, says E. Dadd, director-general of the Food and Agricultural Organization of the United Nations, said in an interview here Tuesday night.

There were four of us—all reporters of agricultural events—sitting in at the interview, and Dadd talked freely of his work as chief of the food and agriculture division in foreign lands. He answered readily all questions put to him, saying he was glad to tell the people of the world of the FAO.

Food production in the world has increased 9 per cent since 1938 but mouths to eat it have increased 13 per cent, he said.

When asked if he thought the production would catch up with the ever increasing population, Dadd was rather optimistic. "It can," he said, "when the underdeveloped countries are taught to help themselves. It will take time. It will take money, but it will take more time and patience than money."

U. S. CAN'T FEED ALL
The United States should get it out of its head that it alone can feed the world, the food specialist said, adding that "30 million dollars worth of our product is going into world trade channels now. If we doubled that amount it would be a mere drop in the bucket of what is needed."

The only help, Dadd was convinced, was for the countries to grow some of their own foods. "Actually it isn't more food

that these countries need. It is different kinds of food," he went on in response to questions. "In some countries rice alone is the people's entire diet. In others it is wheat and in still others it is corn. What they need to be taught is to grow a variety of foods for their health, to learn to live under better conditions."

No agricultural people want charity if given an opportunity to earn their own food, Dadd continued, adding that "these people, however, are tired of being hungry, tired of being unclean and tired of sleeping on dirt floors in mud huts."

One step in the right direction, the agricultural leader stated, was to furnish the farmers in these countries with better seed. "Production could be increased at least 10 per cent if better seeds were obtainable by the peoples of the Far East," he explained.

When asked what he thought of the so-called "communist stomach," Dadd replied that in China the communists had failed "to deliver—and so has our side."

MISSIONS EFFICIENT
Church missions and the missionaries received a good send-off by Dadd.

"If the FAO, or any of the other government agencies, could be a thousandth as efficient as the missions are, we'd get the work done," he said, as he told how much better the living standards were around each mission—no matter what the religion. There was more food, fields were cultivated better, and there was more happiness and more peace, he went on.

Dadd is here to fill a three-day speaking engagement as

Isaac Hillman lecturer at Pacific University, April 16, 17 and 18. He explained that this lecture-ship in the social sciences at Pacific University was established in 1945 by Dr. Alex L. Hillman of New York in tribute to his father.

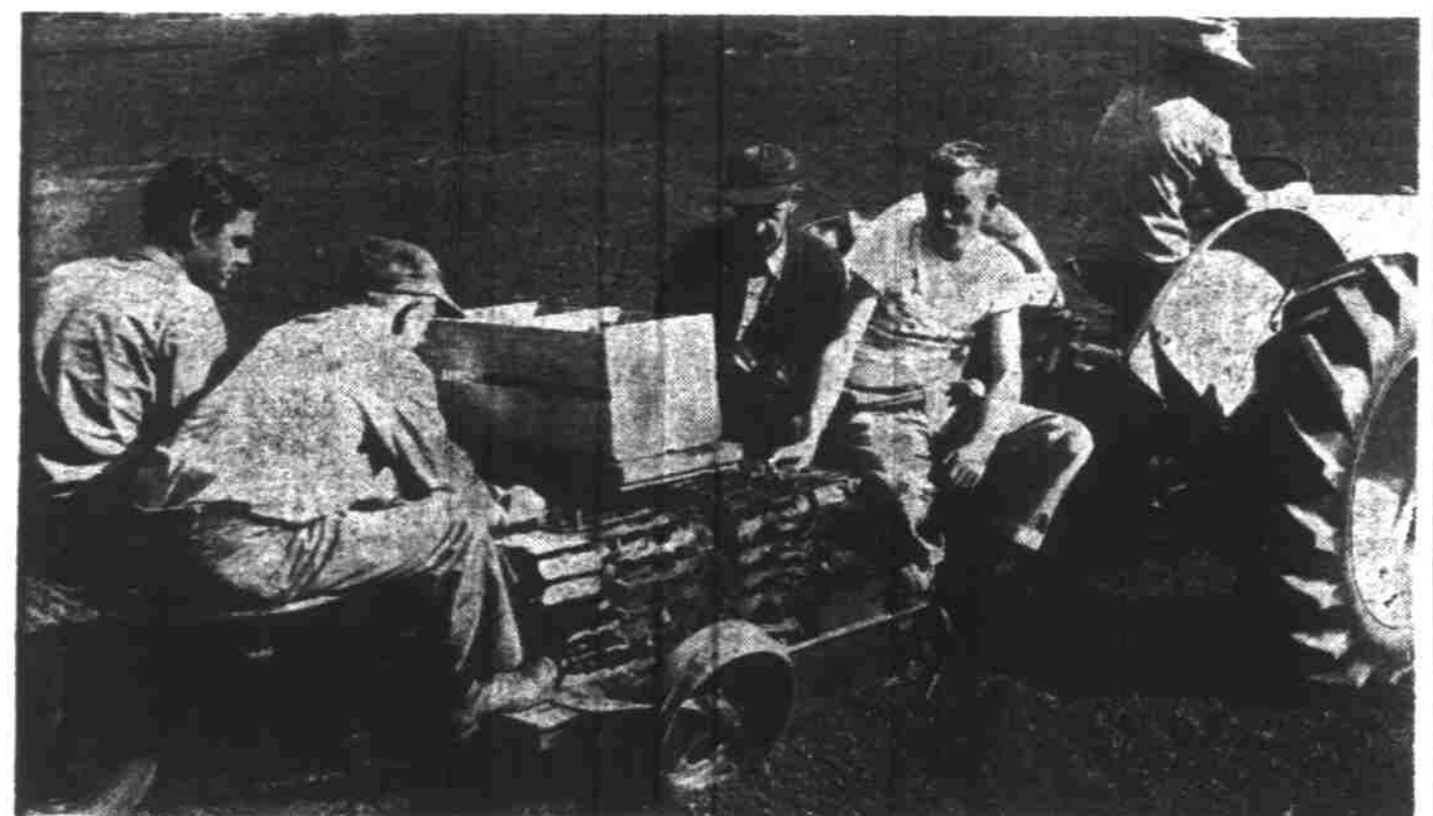
The FAO director-general will be honored at a no-host dinner at Multnomah Hotel Thursday at 6:30 p. m. After his lecture engagement, he plans to go to Haines, Ore., Saturday to visit briefly at his ranch, before returning to Washington and again to Rome.

LIKES OREGON
Dodd, who claims there is nothing like Eastern Oregon farm land, rose from secretary of the Baker County AAA committee to his present position. Headquarters of the FAO, first in Washington, D.C., is now in Rome. There is a staff in Rome of 750, with 274 in the field serving in 51 countries. Needed now are 150 additional technicians, he said.

The United States' share in the support of the FAO is one and a quarter million dollars. Dodd said, as he added that this "is small in comparison to the costs of either the Marshall Plan or many other departments."

As the interview terminated, Dodd added that "sooner or later people will learn that other people without food will never be peaceful people. A full stomach wins peace more quickly than guns and costs less. The United States can never hope to feed the entire world, but we can do much to help not only to feed them, but to teach them to feed themselves."

Machine Sets Strawberry Plants Quickly



LIBERTY—As many as 10,000 strawberry plants an hour can be set with this machine when the soil is "just right," operators report. The soil was pretty loose in the Mercer-Emery field (above) at Liberty where only 6,000 were being set an hour. Feeding the machine from the back are Norman Hurst and Roy Mercer, and in front Gary House and James Calkins while driving is Richard Harling. (Statesman Farm Photo.)

Currant Fly About Ready To Start Work

Gooseberry and currant growers, both commercial and home garden, should be ready to apply their first yellow currant fly spray or dust by the end of this week. Eggs from the yellow currant fly hatch into larvae or worms that make cuts out of the fruit, says County Extension Agent D. L. Rasmussen.

Commercial growers can use either lead arsenate or methoxychlor to kill the flies before they lay their eggs under the skin of the fruit. Lead arsenate can be used at the rate of 4 pounds in 100 gallons of water. If leaf spot disease is a problem, the 4 pounds of lead arsenate can be added to

Bordeaux 8-8-100 (8 pounds copper sulphate, 8 pounds hydrated lime and 100 gallons of water). The lead arsenate sprays should be applied at 7-10 day intervals at the rate of 150 gallons per acre in mature plantings. Sprays should be repeated after any rain that may wash off the poison.

Methoxychlor can be used at the rate of 3 pounds 50 per cent wettable powder in 100 gallons of water. Methoxychlor can be mixed with Bordeaux 8-8-100 if a combination spray is used for yellow currant fly and leaf spot control. Interval between sprays should average 10 days.

Dust Good
Some commercial growers have reported good results from a dust containing 5 per cent methoxychlor, 15 per cent Copper A, and 80 per cent talc. When applied at the rate of 30-35 pounds per acre at 7-day intervals, this dust has controlled the yellow currant fly and leaf spot disease. Growers not having a leaf spot problem can use a 5 per cent methoxychlor dust.

To date, no yellow currant flies have been caught under two cheesecloth-covered cages in C. E. Bradley's gooseberry field near Hubbard. When the first fly is caught, growers on the Marion County agent's mailing list will be advised to start their yellow currant fly control program. Those growers not wanting to wait for a special spray or dust can apply their first spray or dust by the end of this week. Based on experience gained in past years, this would be good timing for the first application, according to Rasmussen.

Farm Calendar

- April 19-20 — Portland Garden Clubs show, Civic Information Center, Portland.
- April 19-20 — Oregon Primrose Society show, Oregon Journal Building, Portland.
- April 20 — Marion County Jersey Cattle Club, Andrew Kehrl, 2½ miles east of St. Paul.
- April 21-26 — Oregon Products Week.
- April 21 — Guernsey Breeders banquet, Multnomah Hotel, 6 p. m.
- April 22 — Guernsey sale, Pacific International Livestock Exposition Building.
- April 25-26 — Benton County Spring 4-H Fair, Corvallis High School.
- April 26 — Linn County Extension Homemakers' festival.
- April 27 — Mt. Angel Primrose Show, St. Mary's dining hall.
- April 28 — Weed Spray tour, 1:30 p. m. Victor Point-Sublimity area, J. J. Doerfler ranch and Zimmerman Bros. Farm.
- April 28-29 — California Ram Sale, Sacramento.
- May 7 — Polk County Homemakers' Festival, Monmouth.
- May 8-10 — Linn County Spring 4-H Fair, Albany.
- May 10-11 — Salem Garden Council Spring Show, Marion Hotel.
- May 12-14 — Oregon Cattlemen's Association annual meeting, Prineville.
- May 17 — Malheur County Spring Jersey Show.
- May 18 — National 4-H Sunday.
- May 20 — Aberdeen Angus Sale, Oregon State Fair Grounds.
- May 23-25 — Horse show Eugene.
- May 24 — Washington County Jersey Show.
- May 24 — Clackamas County Spring Lamb and Wool Show, Canby.
- May 25-27 — Pacific Seedmen's Association, Hungton Hotel, Pasadena.
- May 26 — Marion County Jersey Show.
- May 30-31 — Clackamas County Jersey Show and sale, Canby.
- May 31 — Linn County Fat Lamb and Wool Show, Scio.
- June 2-4 — Oregon Wheat Growers' League and Junior Fat Stock Show and Sale, The Dalles.

SHOW YOUR SMILE!

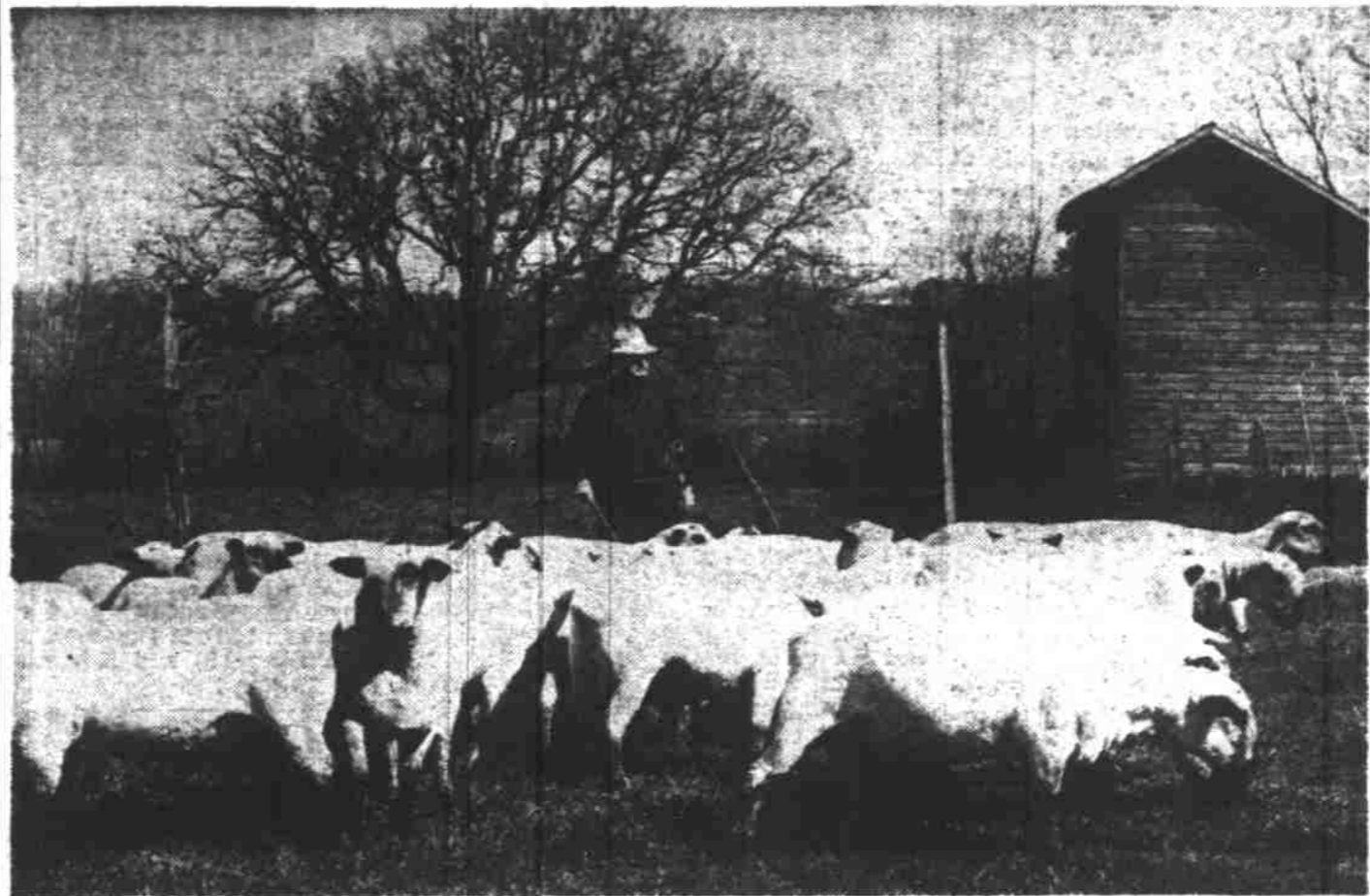
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SWEIGLE—A. I. Eoff with a few of his highclass rams which are going to the California Ram Sale April 28-29 at Sacramento. Eoff has been consigning to the sale for 27 years and will leave Monday for Sacramento. (Statesman Farm Photo.)

Corn Trials Get Attention From Growers

While corn prices may not climb as high as predicted some months ago, those in the know report that they will be good. The slight decrease in earlier predicted prices is due to the cut-back in Oregon which is greater than expected. Many sows and gills are being sold for slaughter this spring because of the rapid decline in hog prices this past year. While this will mean higher prices for the hog raiser who stays in, it will mean slightly less for the raiser of hog feeds such as corn.

Swine growers in the valley are being urged to grow their own feed corn this year if at all possible. In connection with this, R. E. Fore of Oregon State College, who is widely known in the central valley area for his work at corn shows, has assisted in preparing a new bulletin on hybrid field corn. Rapid advances, he reports, have been made in recent years in the breeding of new, improved corn hybrids and in certain cultural practices used in growing corn.

Choose Right Hybrid
It is essential that growers producing corn for grain select hybrids of the proper maturity range. Adapted hybrids will mature earlier, even in the Willamette Valley, although the moisture content at harvest may be too high for safe storage without artificial drying methods.

Corn is mature at approximately 40 per cent moisture as the translocation of starches and other materials to the corn kernels is stopped at this point. Corn harvested with 40 per cent moisture and properly dried is equal in both quality and feed value to grain harvested with lower moisture. Grain having above 40 per cent moisture will not be equal quality even after drying. Hence growers should select hybrids that can be harvested with less than 40 per cent moisture.

Willamette valley corn seldom runs below 35 per cent moisture at harvest, due to rainy fall weather. Hence Willamette Valley corn usually should be dried artificially. Many types of driers have been used successfully, although the use of portable driers appears to be increasing at present. These driers are relatively inexpensive and can also be used for drying hay and other crops. Drying costs of less than \$10 per ton have been reported by growers. The agricultural engineering department, Oregon State College, has reported fuel cost of as low as \$3.08 per ton of corn dried with a portable drier.

Small differences in yield between hybrids do not necessarily indicate that one hybrid is superior to another. Fore reports. The hybrids in each trial made during the past year by the state college, were planted in randomized order and each was replicated four to six times. Although all strains were handled the same, in so far as this is possible, some fluctuations are bound to occur, due to soil variations and other uncontrollable factors.

Trials Made in Valley
Two of the trials were conducted in the Willamette valley: At Corvallis and Oregon City.

Corn trials at Corvallis were grown on fertile river bottom soil of the Chehalis series. This land for several years has been in a corn-sugar beet seed rotation. Abruzzi rye has been seeded each year following the corn and following the sugar beet seed crop as a cover and green manure crop to maintain the organic content of the soil. In 1950, 100 pounds of treble superphosphate and 100 pounds of ammonium sulfate were broadcast before plowing and the corn was side dressed with 200 pounds of ammonium sulfate when approximately one foot

Early Spray Termed Best For Ragwort

Tansy ragwort plants sprayed before June first will be most easily killed. Marion County Weed Inspector Jake Neufeldt says 2,4-D applied from now till the weeds start to bud at the rate of 3 to 4 pounds of 2,4-D acid per acre is best. For small areas where a 3 gallon sprayer is used add one cup of 50 per cent 2,4-D acid solution to each sprayer full.

For effective control, spray early. County Extension Agent Ben A. Newell recommends that you read the label on spray containers. Usually the 40 to 60 per cent 2,4-D solutions are cheaper than 10 or 20 per cent solutions. Which ever percentage is used be sure to add enough to make 3 to 4 pounds of 2,4-D acid per acre.

Tansy plants hoed off or pulled last year, still are heavily infested this year. Best results came in 1951 from an early spring spray and a late fall spray.

high. These applications supplied 45 pounds of P205 and 60 pounds of nitrogen. The field was irrigated twice with a sprinkler irrigation system.

During the 1951 season, 100 pounds of the treble superphosphate and the same of ammonium nitrate were broadcast and plowed in. The corn was side dressed when approximately 18 inches high with 200 pounds of ammonium nitrate. These plots were irrigated three times during the growing season. Planting dates were May 9 and 10, in 1950 and May 3 and 4, in 1951. Harvest was started each year around October 15. In the two-year tests Oregon 525 produced 97 bushels per acre; Wisconsin 341A, 90.4 bushels and Wisconsin 341, 82.9 bushels. In one year tests (1951) Wisconsin 701A was the highest producer with 128 bushels. Oregon 525 made 108 bushels. Lowest of the 15 varieties grown in the experimental plots was Wisconsin 255, with 77 bushels per acre. Oregon 355 made 90.2 bushels.

The second valley experiment was made on the Red Soils Experimental area farm near Oregon City on an Olympic series soil. The crops were planted May 20 in 1950. A side dressing of 140 pounds of ammonophos 16-20 was applied. Plots were planted in the spring of 1951 but were not harvested as the corn was almost a total failure because of the exceptionally dry season. No irrigation was used.

Yields for the 1950 Red Soils plots were very low, Wisconsin 1445 being highest with 61.1 bushels. Wisconsin 341A made 56 bushels and Oregon 525 50.7 bushels.

Guernsey Event Scheduled for North Portland

Oregon and Washington Guernsey Breeders stage their annual Northwest Classic sale at the Pacific International grounds in Portland on April 22. Oregon's sale committee chairman and president of Oregon Guernsey Breeders, Dick Lyon of Junction City, reports a top group of consignments.

Jack Robinson of Lodi, Calif., is sale manager.

A Guernsey breeders' banquet and directors' meeting are scheduled for Monday evening, April 21 at the Multnomah Hotel in Portland. The Association Secretary Ben A. Newell of Salem says all breeders or folk interested in Guernseys are welcome.

New Sheep Branding Paint Now on Market

A scourable sheep brand paint has been developed by George L. Comte of the PMA Denver Wool Laboratory, and is now available in three colors: Red, green and black.

Use of these scourable branding paints will result in a larger check in the wool grower's pocket, since much smaller portions of the scoured fleece will have to be graded down because of substances which cannot be removed in the scouring process.

Ranch Ramblings

Jens Svint, one-time vocational instructor in the Salem High School, manages to keep himself very much out of his Salem office which he established some months ago and which bears an American Jersey Cattle Club lettering. Jens was made fieldman for that club a few months ago. Among his recent visits were trips to Malheur and to Lincoln Counties. In Malheur he paid visits to a number of new Jersey breeders. In Lincoln County he visited the most recently formed Oregon Jersey Cattle Club — that of Lincoln County.

Charley Kneiss, Silverton, is rejoicing over the water flow he has received from his newly drilled well. He went down 169 feet—12 inches wide—to get irrigation for his pasture. He has both dairy and beef cattle. He is getting 500 gallons per minute. Marty Bros., of Portland were the successful water-reachers.

Marcus Walpach, Mt. Angel, is boasting a heavy producer in Nugget Celsche Dorothy, a registered Holstein-Friesian. She made 418 pounds of butterfat from 11,405 pounds of milk in a 208-day production period. She was milked two times daily and was 4 years and 7 months when she started out on her test period.

One is always hearing something about the "little woman" being superstitious. Well, the other day while sitting in our car at a strawberry planting demonstration we had the opportunity to listen in on some of the superstitions of men—although most of these were prefaced with "I heard" and "someone told me so."

Floyd Bates, whom we always consider among the most factual and rational of men, was repeating that he'd "heard" it said that frost in the light of the moon was not damaging compared to frost in the dark of the moon. And Ed Zanhow was right there to back Floyd up.

Ted Rustvold up Monitor way has 20 ewes which produced 40 lambs, which would not be a bad idea for all sheep raisers. It doesn't cost as much to feed 20 ewes over the year as it does to feed 30 ewes, and 30 ewes producing 40 lambs is considered a pretty good return.

Urges Everyone To Plant Garden

R. Ralph Clark, extension horticulturist, has this to say about spring gardening: "We do not anticipate the development of any great garden campaign in Oregon this year but we do want to encourage everyone who can obtain space to plant a vegetable garden. The food is needed and is better if raised close to the place where it is to be used."

"If you like to see anything grow, you will enjoy raising a garden. No division of agriculture makes return any faster for the effort exerted than does gardening."

Farmers Adopt List of Objectives For Coming Year

Six objectives were adopted by the Linn County Agricultural Planning Council at its annual spring meeting held in Albany recently, reports Albert Julian, Lyons, chairman.

These are: Improve Bangs' disease and tuberculosis testing program; conduct educational campaigns on tansy ragwort and wild garlic control; endeavor to get compulsory cherry fruit fly control; cooperate on garbage disposal program; organize a farm forestry committee, and encourage corps of engineers construction of small reservoirs for irrigation and construction of Green Peter and White Bridge dams.

Additional members of the council are Robert Irish, Shedd; Merle Manning, Brownsville; Mrs. R. W. Schmidt, Albany; Hubert Willoughby, Harrisburg; E. H. Murphy, Albany; Mrs. Jess Peterson, Lebanon; Gerald Deering, Harrisburg, and Gordon Ryals, Albany.

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