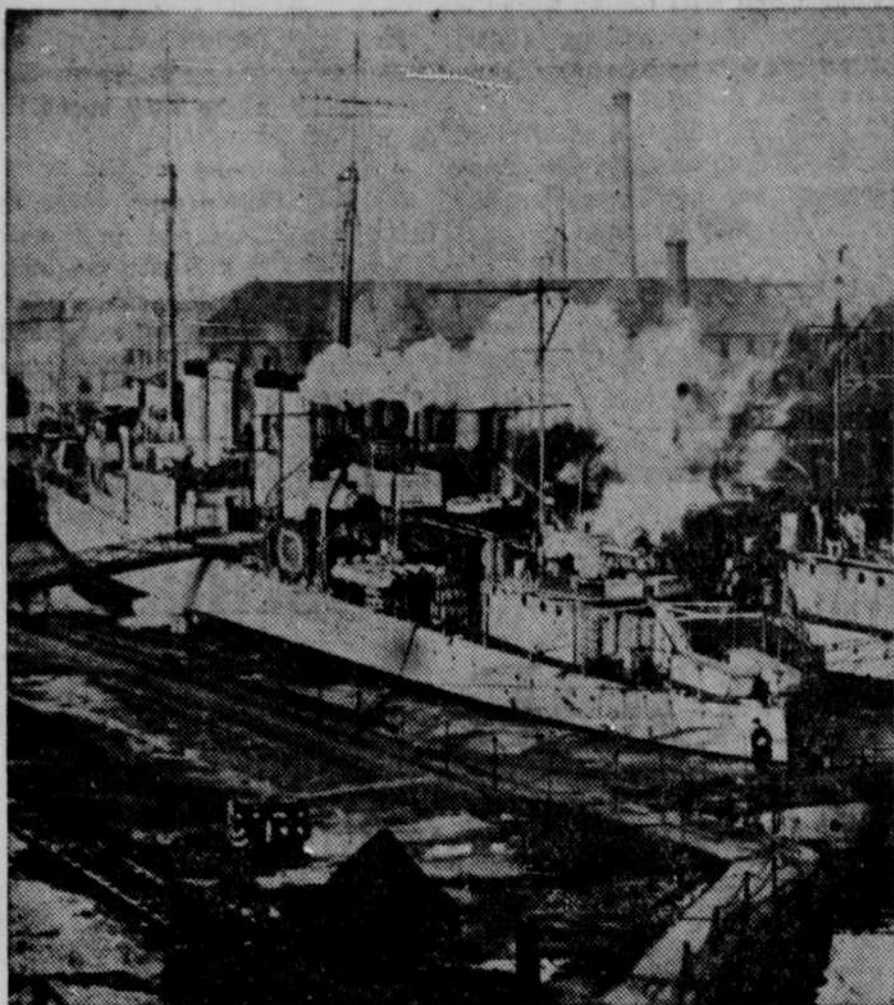
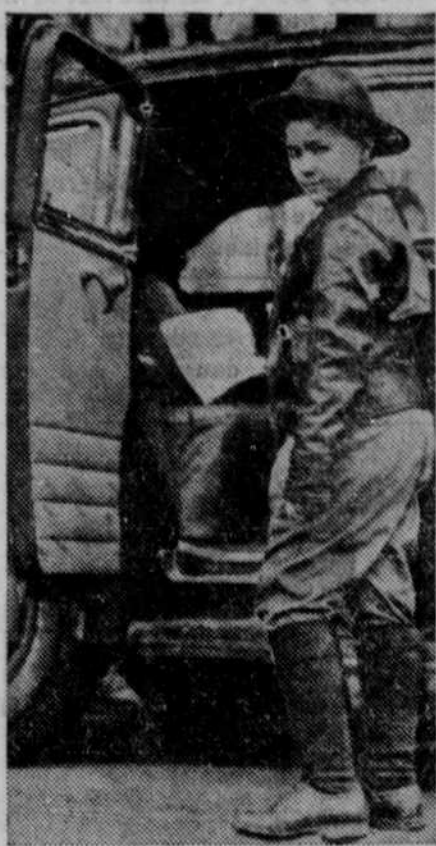


Intact After Bomb Threat



Charleston Navy Yard, Boston, which was protected by a cordon of more than 100 police and a detachment of marines after a navy official had received information that a workman would attempt to carry a time bomb and dynamite into the navy yard in a lunchbox, when the gates were opened for the day shift. A thorough search revealed nothing whatever.

General's Guest



This is Boy Scout Jim Rast, the 12-year-old who wanted to volunteer in the Eighth division. He is holding in his hand the invitation he received from Maj. Gen. Philip Peyton, commanding officer, to be the general's guest at a division inspection at Columbia, S. C. Scout Rast went there in the general's car which brought him from his home in Swansea, S. C., and back again.

Senate Convenes in Old Court Chamber



Scene as senate convenes in the original U. S. senate chamber used by them from December, 1819, to January, 1859, then used by the Supreme court from 1860 to 1935. The move was made because of repairs to roofs of the regular house and senate chambers. Photo shows Sen. William King, president pro tem of senate (right) on rostrum.

HARD SEED CAN PREVENT LOSS

Helps Insure Against Crop Failure.

By CARLTON S. GARRISON (Assistant Extension Agronomist, Rutgers University.)

Don't always reject field crop seed which happens to contain a relatively high percentage of hard seed. This hard seed may later prove a savior of permanent hay crops of alfalfa and red clover.

Hard seeds are not "duds." They are live seeds which fail to absorb moisture and sprout when kept for the official time of six or seven days in a laboratory under good growing conditions. They are a provision of nature to insure the reserve of live seeds in the soil. By spreading germination over a longer period of time, hard seeds often reduce risk of partial failure due to unfavorable conditions following seeding.

The state and federal seed laws, however, require that the percentage of hard seed be reported on the test tag used for labeling seeds for sale to farmers. Sometimes there is as much as 80 per cent hard seed present in a lot before hulling, but the scratching of the seed coat during the hulling process reduces the percentage.

The amount of hard seeds in alfalfa and red clover seldom need be a concern in determining seeding rates. In fact, if alfalfa is sown properly and not deeply at the rate of 15 pounds per acre, 30 to 50 per cent of the seeds may be hard without reducing the final stand of spring or early summer sown alfalfa. Moderate delays in germination due to hard seeds may thicken the stand by the end of the growing season if severe losses have occurred previously, thus hard seeds have a definite insurance value.

Scarification of alfalfa seed reduces its keeping qualities to the extent that it is not advisable. Likewise scarification of red clover seed is undesirable where the seed is to be stored for more than one year. If the rate of seeding red clover is eight pounds or more per acre and if it is sown properly 30 to 40 per cent of hard seed will not injure the resulting stand but rather help thicken it.

For spring or early summer sowing, scarification of red clover seed is necessary to reduce the number of hard seeds. And if a fourth or more are hard, the usual rate of seeding may have to be increased. If small grain, hay or other legume crops are to follow, volunteer sweet clover plants will reduce the quality of the seed harvested.

British War Minister in Middle East



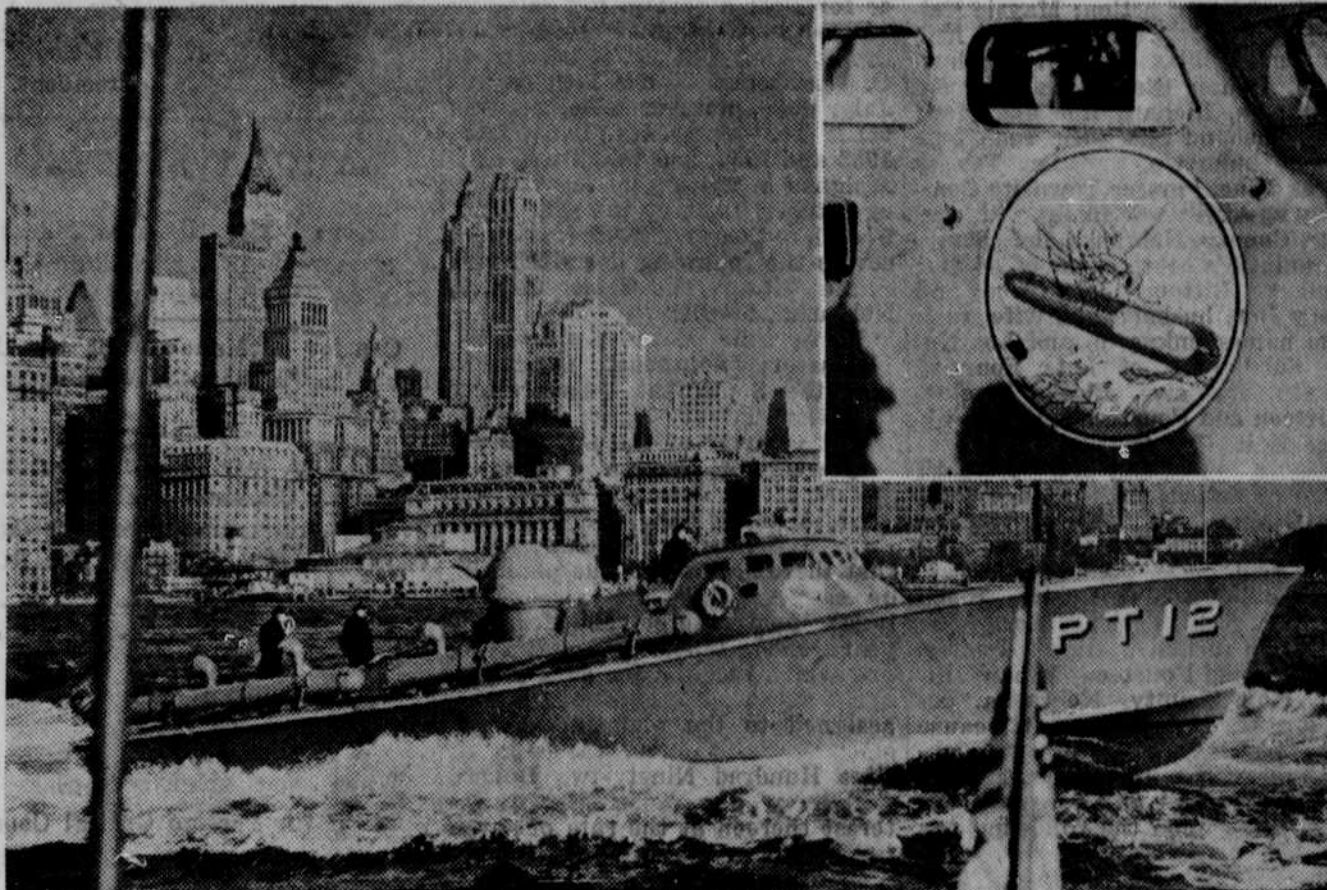
Palestine . . . Captain Anthony Eden, British minister of war, is shown (hatless) shaking hands with an officer of a Trans-Jordan frontier force during his recent visit to the British army of the Middle East. The be-medaled officer at left is unidentified, but the gadget he holds in his hand is a fly-switch, if that's of any help.

Injected Into Army-y



This draftee is taking a "shot in the arm" to ward off disease. This scene will take place all over the country as draftees arrive at U. S. army training camps to start a year of training.

Navy 'Mosquito'—Boat With a Sting!



The PT-12, one of the "mosquito boats" of the U. S. navy, buzzing along at about 50 knots with the grand skyline of Manhattan for a backdrop. The little boats carry a deadly sting in the form of turreted machine guns and four torpedo tubes. (Inset) Section of pilot-house on one of the mosquito boats, and the insignia of the mosquito fleet—a mosquito riding on a torpedo. The insignia was designed by Walt Disney.

Weigh Farm Animals

With Tape Measure

If you'd like to know the weight of your farm animals, but do not have a scale, get out your tape measure.

The Minnesota experiment station has just released an interesting booklet telling how to figure out the weights of live stock from measurements.

In the case of cattle and horses, you first find the heart-girth in inches (the distance around the animal's body just a little way back of the front legs). Next, find the length in inches from the pin-bone at the side of the tail to the prominence on the shoulder, located on mature cattle about one inch back of what is commonly called the point of the shoulder. See that the animal is standing squarely on its feet, with the head forward.

With these measurements taken, the heart-girth is multiplied by itself once and the resulting figure is then multiplied by the animal's length. The product of these multiplications is finally divided by 300 to obtain the approximate weight of a cow. In the case of horses, the number obtained after dividing by 300 is customarily increased by 50 pounds.

The proper length measurement for hogs is taken from the base of the tail over the back to a point midway between the ears. Also, the proper dividing figure is 400 rather than 300.

Rural Briefs

Under modern methods of feeding and handling, pullets may be reared at any time of the year.

Good quality mixed or legume hays, with oats, barley, or other cereal grains as concentrates, make a satisfactory ration for the work horse.

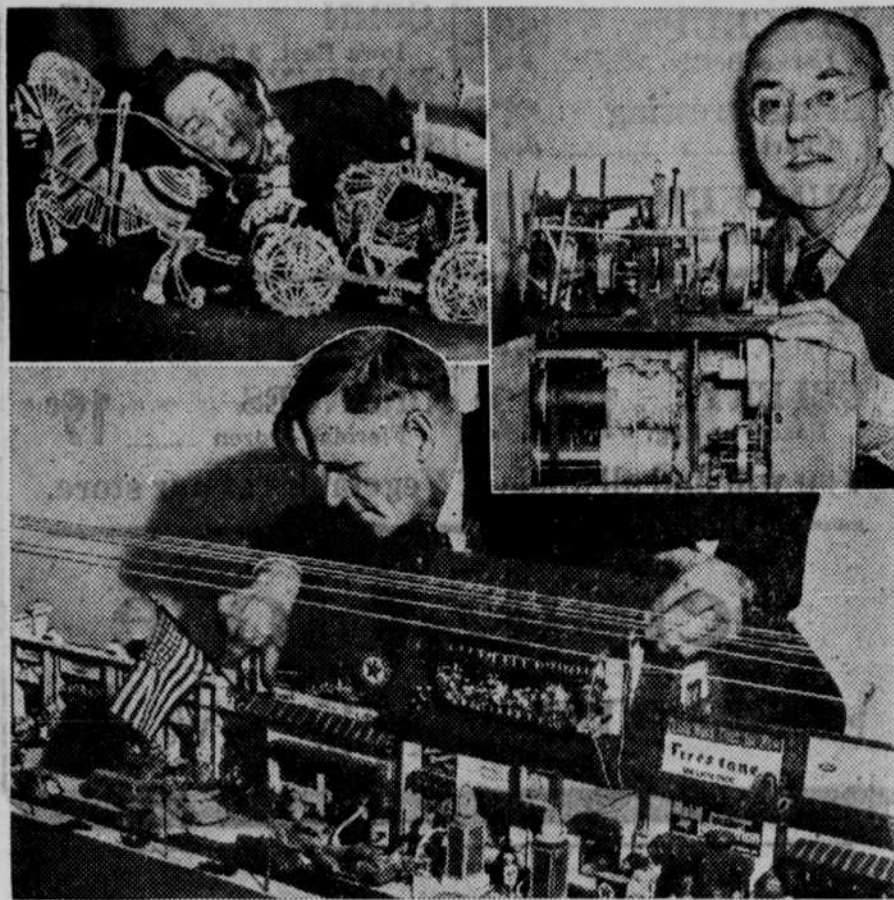
Slightly smaller supplies of eggs in the United States are indicated for the last half of 1940 as compared with the last half of 1939, reports the U. S. bureau of agricultural economics.

Potatoes cooked in their jackets lose almost none of their food value.

Apples rank high in carbohydrate and iron content, and they are a particularly valuable source of vitamins A and C.

An all-time record corn yield was produced last season by Roland Resler of Savoy, Ill. On a six-acre field, Resler raised 1,028 bushels, or more than 171 bushels an acre. The previous high record, set in Iowa, was 140 bushels per acre.

Observe National Hobby Week



Avocations will be featured December 25 to January 1 during National Hobby week. Some unusual hobbies are pictured above. The "Cinderella Carriage," upper left, was made entirely of pipe cleaners. (Upper right): Gelett Burgess, noted author, with his "nonsense machine," which only makes noise. Below, tiny buildings made of boiled matchsticks.

Musicians Meet



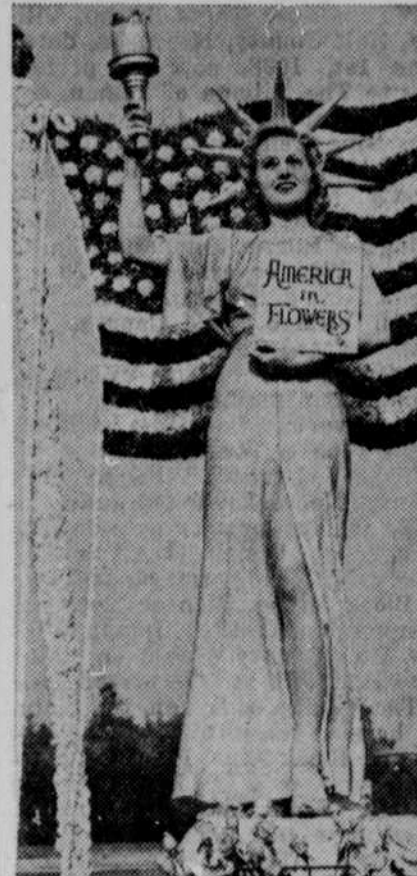
Dr. Howard Hanson, who will reside at the annual conference of the National Association of Schools of Music in Cleveland, December 26-27. Many noted composers and instructors will attend.

Ski Troops Drill on Mt. Rainier



Members of the Forty-first division of the United States army are here shown on a cross-country trek on Mt. Rainier, the highest peak in the state of Washington, and the second highest peak in the United States proper. This is the first group of ski troops which has been organized for snow work in the army.

America in Flowers



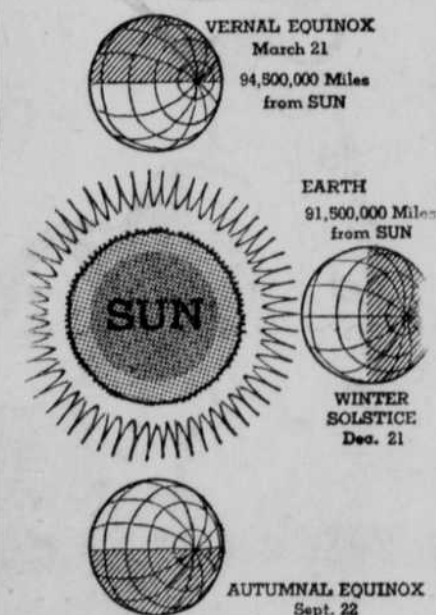
Miss Jetsey Posthuma in role of "Liberty" for the Rose Parade at Pasadena, Calif. "America in Flowers" was named as the 1941 Tournament of Roses theme.

Alien Registration Deadline Approaches



December 26 is the deadline for an estimated 3,500,000 aliens residing in the United States to register with the government. These pictures show aliens in the various steps of registering, as they try to beat the deadline.

Winter's Debut



Winter begins December 21 in the northern hemisphere, when earth is closest to sun. Sketch shows angle at which sun's rays strike north pole at equinoxes.

\$120,000 Worth of Dogs



These six dogs of movie fame are valued at a total of \$120,000. They are, with pictures in which they appeared, l. to r., front row: Whiskers (Scotty) "The Light That Failed" and Toto (Cairn terrier). "The Wizard of Oz." Second row: Prince Carl (Great Dane), "Wuthering Heights"; Musty (English mastiff), "Swiss Family Robinson"; Buck (St. Bernard) "The Call of the Wild," and Promise (Pointer), "The Biscuit Eater."

Ambassador to U. S.



Vice Admiral Kichisaburo Nomura, who has been appointed to the important post of Japanese ambassador to the U. S., succeeding Kenesuke Horinouchi.