

Celestite Goes to War;

Lights Way for the Army

Celestite, old standby of the fireworks industry, has gone to war. The crimson trail made by a tracer bullet as it speeds toward its target is blazed by this mineral. The bright glow of military flares, the parachute distress signal, the flare shot to the surface from a submerged submarine and the water-borne "ball of fire," lighting up enemy ship movements, all get their dazzling red flame from celestite. Blackout signs and signals used in London "glow" because celestite has been added to paints.

In peacetime this mineral had many jobs. It furnished the red flame for some types of fireworks, brightened paints and served as a filler in sealing wax and rubber. The rayon industry used celestite to remove impurities in caustic soda. Some sedatives and medicines dipped deeply into the supply of celestite. Railroad companies used it for flares. Steamships used it for distress rockets and the small "bombs" that truck drivers in trouble use at night along highways burn red with celestite.

Suggest Six-Point Plan

To Boost Milk Output

The shortage of milk and milk products resulting from huge new demands by the army, lease-lend, and civilians offers a direct challenge to dairymen.

To bring about the much-needed increase in milk production, a six-point emergency program has been suggested:

Increase the present cow population, especially on existing dairy farms, by bringing in milking cows and heifers from other areas where such a situation is practical.

Breed the cows now on hand to good dairy bulls and properly growing out the heifer calves; also give more emphasis to proper feeding and management.

Keep production records on all dairy cows.

Improve the old pastures and seed new ones until at least 1 1/2 acres of good pasture are available for each mature dairy animal.

Grow more and better legume hay on every farm.

Maintain the present milk routes and develop new ones as feasible.

Fire Prevention

Landscaping around rural homes is a valuable aid in checking fire hazards and reducing the appalling loss of life and property exacted yearly from farm homes. Broad-leaf evergreen shrubs planted to form screens and borders offer effective barriers against grass fires spreading from fields or pastures to farm buildings. Broad-leaf evergreens when planted about the foundation, also may serve to stop a fire on the lawn from spreading to the house. Clearing away rubbish, removing dead plants, trellises covered with dead vines, cutting away dead portions of trees or shrubs, and stacking wood a reasonable distance from the house are fire prevention measures which also help to improve the landscaping.

Djibouti Busy Port

Far removed from the present African hotbed in Tunisia, French Somaliland is a tiny parcel the size of New Jersey on Africa's northeast coast. The colony is largely sun-baked sand, producing meager yields of cotton, coffee, hides and salt for 30,000 Somalis and Danakils who try to eke out a living by it. French Somaliland's lively trade normally centers in the other 20,000 of its population who reside in the port city of Djibouti. The Franco-Ethiopian railroad, climbing 8,100 feet up in its 486-mile stretch inland to Addis Ababa, brings the wealth of Ethiopia's hills to the world through Djibouti, despite Italian efforts to develop highway and rail routes from Ethiopia to Massaua on Eritrea's coast.

Malta's Great Guns

The giant guns of modern battleships have a bore of fifteen inches. Imagine a gun with a bore of 72 inches—that is six feet! This was the actual size of the now almost forgotten rock cannon of Malta. In the days when the Knights Templar had Malta they cut embrasures in the cliffs, leaving in each a huge block of rock. This block was hollowed out into the shape of a gun. It was loaded with a whole barrel of powder, plugged with a wad of wood, while the projectiles were iron cannon balls or stones, weighing in all a couple of tons. There were about 50 of these infernal machines, and though their range was not great, the falling projectiles covered an area of some 300 square yards.

Rural Fire Fighters

Improved community organizations for rural protection from fire are making the program to reduce rural fire loss in New York state one of the most effective in the nation. Since January, 1936, the number of rural fire districts in the state has increased from 108 to 312. A number of others have probably been formed but have not yet been classified for insurance rate purposes. The state fire-district law enables rural communities to get better protection by permitting them to finance fire fighting equipment with public funds.

Volunteer firemen's associations have helped to make the many district organizations possible.

In this country folks are driven to work by the share-your-car plan. In Nazi occupied countries they're driven to work.

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WHEN JOHNNY MARCHES HOME

There is an old song called, "When Johnny Comes Marching Home". We have forgotten the words, but it will be a tremendous day when he does. He will not usually come marching with any company of soldiers, but will just appear alone and quietly, the family and friends again. It is up to the home folks to see to it so far as possible that he very soon gets the chance to go to work again. It would be intolerable if he had to lie around for many weeks before

anyone would give him work. After he has made the great sacrifices of war, the home folks owe him a great debt. All he will ask will be a chance to work and earn a living.

New Potatoes Placed Under Ceiling

The Prices Board has announced that effective since June 7th, prices of new potatoes must not exceed the lawful ceiling prices for Canadian No. 1 grade old potatoes, and to make the reduced price for new potatoes effective,

a subsidy will be paid to protect growers and consumers. The subsidy will be paid by the Prices Stability Corporation, as directed by the Prices Board, and will continue until Aug. 31st on new potatoes marketed through prescribed channels. In the case of imported new potatoes, the subsidy will be paid on shipments ordered on or after May 3rd, and entered for consumption during the period June 3rd to July 31st, both dates inclusive.

Thousands of British-made land-lease barrage balloons now protect the west coast of the United States.



FARMERS FISHERMEN GUIDES TOURIST OUTFITTERS

Take notice that on and after July 1, 1943 you may buy

MARKED GASOLINE

Free from the Ontario Tax at time of Purchase

Commencing July 1, 1943, the Ontario Gasoline Tax on MARKED gasoline will be exempted *at the time of purchase*, to those engaged in Farming, Licensed Commercial Fishermen, Licensed Guides, Licensed or bona fide Tourist Outfitters, *upon presentation to the retailer of a Purchase Permit and correctly filled out Exemption Statement*. If you are included in one of the above classifications you should make application immediately for your Purchase Permit, issued *free* by the Department of Highways.

HOW TO SECURE PURCHASE PERMIT and EXEMPTION STATEMENT BOOK

Applications for Purchase Permits may be secured from:

Your local Retailer of MARKED Gasoline;
Department of Highways, Division Offices; or
Gasoline Tax Branch, Department of Highways, Toronto.

APPLICATION FORMS NOW AVAILABLE

Purchase Permit, with a supply of Exemption Statements, bound in book form, will be forwarded by the Department as soon as application has been approved.

TO PURCHASE MARKED GASOLINE UNDER THE NEW SYSTEM, permit holder must show retailer his Purchase Permit, and both permit-holder or his authorized agent and retailer or his agent must sign correctly filled out Exemption Statement *before sale is made*.

NOTICE TO ALL VENDORS OF MARKED GASOLINE: All vendors of MARKED gasoline will be required to obtain a special license to allow them to sell MARKED gasoline free from the Ontario Gasoline Tax. License may be secured from the Gasoline Tax Branch, Department of Highways, Toronto.

INSTRUCTIONS TO RETAILERS

1. Retailer or his agent *must* examine Purchase Permit and sign Exemption Statement *before sale is made*.
2. Original of Exemption Statement *must not* be detached until it has been signed by both retailer or his agent, and permit-holder or his authorized agent.
3. Periodically, information contained on these Exemption Statements will be listed on an Application for Credit Form supplied by the Department of Highways. This Application for Credit, with Original Exemption Statements attached, will be handed to distributor for credit of the amount of tax allowed to permit holders.
4. Secure your Application for Credit Forms from your distributor.

The co-operation of Purchasers and Vendors alike is urged so that the change-over to the New System will be as effective as possible.

GASOLINE TAX BRANCH DEPARTMENT OF HIGHWAYS, PROVINCE OF ONTARIO

T. B. McQUESTEN
Minister of Highways

D. E. STRONG
Chief Inspector of Gasoline Tax

THE GRADUATE'S FUTURE

Graduating classes frequently present a class prophecy, in which an imaginative forecast looks behind the dark curtain of the future, and tries to visualize what fate has in store for these classmates. Sometimes the guesses come far from the truth. There have been smart students who did not measure up so well in daily competition. And there have been quiet ones who climbed great heights. "You can't tell by the looks of a cat how far he can jump."

In the main students give some idea of their future by the things they do in their schools. Those who are faithful will be faithful still, and reap rewards. If any of them take things too easy, they will not probably sit among the seats of the mighty.

There's been many a parent who wished during this month that the school homework included some practical and modern examples such as problems of income tax forms rather than the seemingly useless questions that are set out for the pupils. But then that would mean new school books every year.

In honor of the African victories of the British First and Eighth Armies, Scotch miners voted increased times without pay to produce 50,000 tons of coal. In the United States, John L. Lewis and his cohorts celebrated by a strike which cost the nation 11,000,000 tons of coal. It's just the different viewpoints on "How to Win the War" by those who have been in the front line and those who haven't. —Smith Falls Record-News.

Parents to Blame

There might be fewer delinquent juveniles if their parents were less delinquent.

And now it's Dominion Day holiday which remains in uncertainty. It seems rather unfair to make a change from an announced date just a few weeks before the holiday—especially to those who plan events a little in advance and in an orderly way.—Acton Free Press.

"Look here, Mrs. Murphy, why have you been hitting my little Bobby?"
"I only hit him because he was rude and called me a fat old pig."
"But good gracious, Mrs. Murphy, you ought to know better than that. Hitting my son won't do you any good; you'll have to start dieting."