



### Pasture Renovation Pays Big Dividends Better Grass, Legumes Build Production Power

"Punch-drunk" pastures can be put back on their feet by a renovating program that will build up their milk and beef producing power. Killing out the old grass and growing alfalfa-ladino-brome grass mixtures doubled yields of forage in Wisconsin tests, the middle west soil improvement committee said. The old grass yielded 1,800 pounds of forage per acre, carrying some 200



A renovating program for "punch-drunk" pastures will pay off in their milk and beef producing power.

pounds protein. The new alfalfa-ladino-brome grass seeding yielded close to two tons and 800 pounds of protein per acre. To get these better grasses and legumes, lime and fertilizers carrying phosphate and potash were needed to build the soil's mineral nutrient content.

Completely killing the old grass involves thorough fall working of the field. On heavy sod, criss-cross the field with disc to cut the sod into chunks. Then dig the field twice with the field cultivator, working around the slope the second time. Just before freezing, dig the field to leave it rough. Lime and plant food can be broadcast before the field is worked or can be put on at seeding time.

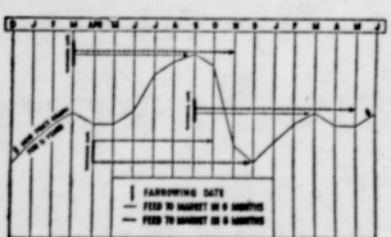
Then, next spring, seed the higher producing deep-rooted legumes and grasses. A field cultivator and spike tooth harrow in tandem will leave a good seed bed.

### Beef Demand to Remain At High Level, Report

The demand for beef as one of the best preferred foods in the household shopping list will probably remain strong for some time, as full employment at good wage seems to be in the picture for this country. Breeders of foundation stock, growers of feeder cattle and finishers of feed-lot beef are directly concerned with the expansion of the beef industry to meet this growing demand, says Charles A. Burmeister of the U. S. agriculture department.

Burmeister says that statistics of the cattle industry show that producers have been and are now building up their breeding herds. "The present beef breeding herd of the country is the largest on record, while the 1950 crop is apt to exceed that of 1949 by 800,000 head. Much of this gain in numbers will be in beef type calves," he said.

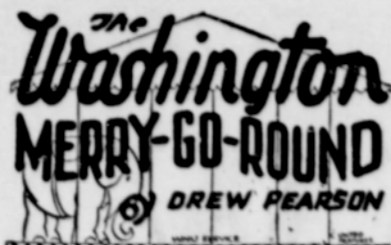
### Market Trends



The above graph charts the annual trend in hog prices, month by month throughout past years, based on records over 11 non-war years. The solid bars indicate hogs fed to market weight in six months, broken bars, hogs fed to same weight in eight months. It is a clear illustration that pigs farrowed in March and fed out in six months caught the top of the year's market. But similar pigs, if fed out in eight months, reached market in November, well below the yearly average.

### Dairymen Lose Millions Because of Low Quality

Every year the dairy farmers of the United States suffer heavy financial losses because too large a proportion of the milk and cream they market is lower in quality than it should be. It is estimated conservatively that they could add millions of dollars annually to their income simply by giving attention to those factors that promote high quality of product, dairy specialists report.



### Rain-Making Works

WHAT artificial rain-making can do to the far west staggers the imagination. It can make this area bloom like a Garden of Eden. It can throw Secretary of Agriculture Brannan's crop program out of balance. Or it could take rain away from other areas and make them deserts.

A brief sample of what rain-making can do occurred at Prosser, Wash., where Leo Horrigan, a big wheat rancher, hired Dr. Irving Frick, of the water resources development board of Pasadena, Calif., to seed the clouds at the time his wheat needed it most.

As a result, Horrigan's crop, previously estimated at 8 to 10 bushels per acre, shot up to 20 bushels per acre. His total yield was increased by half a million bushels.

Scientific seeding of the clouds might make unnecessary expensive irrigation projects, might raise the water level in the dry central valley of California, might settle the bitter water feud between California and Arizona over the Colorado river. On the other hand nobody knows yet whether taming the clouds over one area will take rain away from another. That's why farsighted Sen. Clinton Anderson of New Mexico proposes legislation to control rain-making.

### Battle-Experience Counts

The Korean war has exposed a glaring weakness in the army medical service—namely, that tragically few of its doctors were trained for front-line hospital work. As a result, wounded G.I.'s suffered needless agony, even death, on the Korean front because army doctors didn't always know how to set up tents, improvise beds or stretchers, and organize field operating rooms.

Most of the young doctors, placed in command of field hospital units had never served outside big, modern hospitals. They had little experience under battle conditions, often weren't even taught the fundamentals of field hospital work. Most people don't know it, but the army operates only one small field medical training center at Fort Sam Houston, Texas, under the command of a veteran field surgeon, Maj. Gen. Joseph I. Martin. However, only a fraction of army doctors have been able to take this training.

Even the surgeon-general, Maj. Gen. Raymond W. Bliss, has no background as a field surgeon but was selected on the basis of his record for operating large army hospitals. Like most of his predecessors, Bliss has had excellent hospital training but little experience near the front. Most military branches won't appoint a chief who hasn't been a field commander, but not in the medical corps.

Though battle-experienced doctors have pleaded for better field training, the armchair hospital brass have ignored their warnings. Meanwhile, the doctors in Korea are saying privately: "For God's sake, give us a surgeon-general who knows what the battlefield is, and we'll teach young doctors how and what to do in the field."

### Brotherhood at Work

Loyola university in Los Angeles canceled its scheduled football game with Texas Western at El Paso because Loyola had a Negro halfback whom Texas Western would not allow to play.

When Stanley Meyers of Universal Pictures congratulated Loyola fathers for their stand against race discrimination, one of them remarked: "Unfortunately, it cost us \$8,000. That was the guarantee we were to give Texas Western, and we felt morally bound to pay them when we canceled. We don't know where we're going to get the \$8,000, but it was worth the money."

"Never mind, Father," replied Meyers, "the Lord has ways to take care of those things."

So Meyers, giving the Lord an assist, went to Noah Dietrich, head of the Hughes Tool Company of Houston and the man whose telephone as well as that of Howard Hughes was tapped in Washington by Senator Brewster of Maine on behalf of Pan American Airways.

"Noah," said Meyers, "you recently joined the church. Also you're from Texas, a state whose attitude on the color question has just cost Loyola \$8,000."

Meyers went on to suggest that Dietrich make up the money which Loyola College had lost. Next day the Loyola fathers were surprised to receive a check for \$8,000.

### More on Dewey-Hanley

Here is more inside on the bitter New York battle which raged over the heads of Gov. Tom Dewey and Joe Hanley.

Dewey heard of the existence of the Hanley "sell-out" letter, and on October 11 asked his lieutenant governor for a copy. Hanley refused. Hanley had written the letter to Kingsland Macy in September and sent a copy to James Leary, a Saratoga Springs lawyer, who showed it to various friends. However, Dewey was not able to get a copy.



WOMAN DISRUPTS CEREMONY . . . Member of the Blue Star Mothers, Mrs. Katherine Brown, Colwyn, Pa., and fellow club members were on hand at a recent ceremony during which the world affairs council of Philadelphia presented Mayor Bernard Samuel of Philadelphia with a United Nations flag in connection with observance of U.N. week. Here, Mrs. Brown berates members of the world affairs council, telling them that they are committing treason by putting the U.N. flag up in place of the stars and stripes. This was after she loudly told Mayor Samuel that he was another Alger Hiss and a traitor to his country.



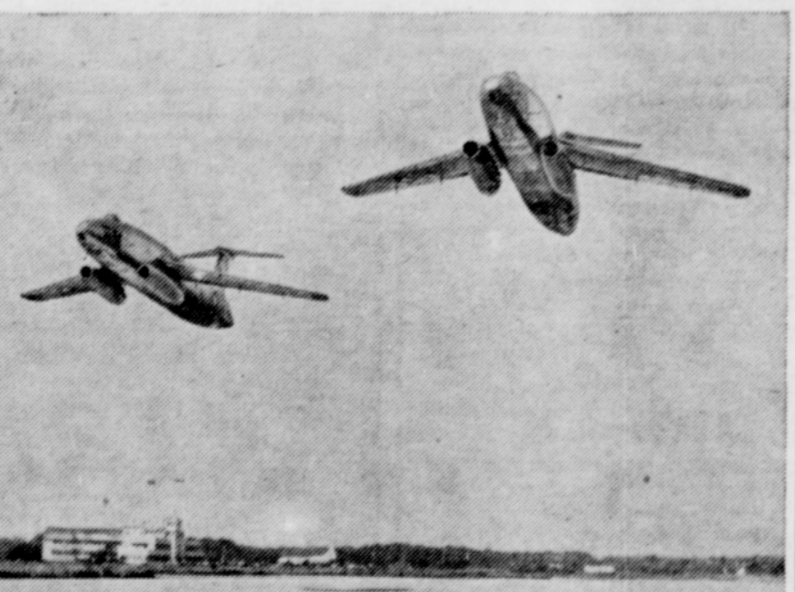
WONSAN WORKS GET THE WORKS . . . This scene of destruction is a view of what is left of the Wonsan locomotive works, formerly one of the most extensive railroad locomotive works in North Korea. This great plant was originally blasted by B-29 bombers August 10. It subsequently was attacked by fighters and light bombers and knocked completely out of operation.



TENSE MOMENT . . . A study in suspense and anxiety is displayed in this army photo of an incident in the battle of Seoul, just released by the armed forces. Hand to mouth, soldier at right crouches and tries to observe result of his shot, as soldier at left takes aim at sniper in upper floor of a building. In the background, reinforcement for the beleaguered pair runs into the building. UN forces had to fight for Seoul building by building, hampered by snipers every block they took.



HEAVY SENTENCE . . . Frank F. Di Donatis, Philadelphia truck driver, was fined \$1870 in Elkhart, Ind., for overloading, and sent to jail for 1,870 days when he couldn't pay. Eight days later he was released in his own recognition, pending a jury trial.

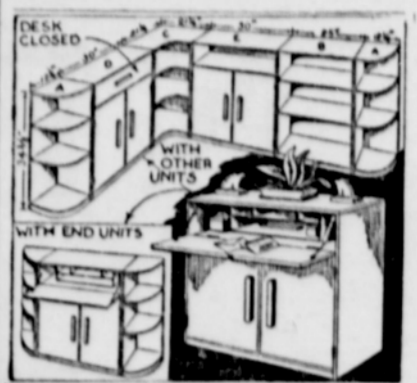


NEW JET BOMBERS . . . Here, in Baltimore, Md., is the first flight of the U.S.A.F. two experimental Martin XB-51 ground support bombers, now well along in testing by air force and Martin pilots. Details are closely guarded secrets. Bomber carries crew of two, is powered by three J-47 jet engines, with each engine producing more than 5,200 pounds of thrust. This is the first postwar airplane specifically designed for ground support forces.



TOOTHLESS GENERATION? . . . Dr. Helmut Zander, Tufts college dentistry prof., brushes the teeth of a hamster and says penicillin in tooth powder is best cavity stopper. He predicts a toothless generation.

### It's Easy to Make This Useful Handsome Desk



Desk Matches Shelf Units IT IS EASY to make this desk, also unit E in the upper sketch with pattern 272. Units A and B are made with pattern 270; C with 271. Patterns include actual-size cutting guides for the curved shelves. Price of patterns is 25c each.

WORKSHOP PATTERN SERVICE Drawer 10 Bedford Hills, New York.

Want to make a hit with all your smoking friends this Christmas? Here's what you do: Check-off the names of all your friends who smoke cigarettes. Give them a carton of Camels! Cool, mild Camels are a welcome gift to any smoker because more people smoke Camels than any other cigarette! And for all your friends who smoke a pipe or roll their own cigarettes, give a big pound-tin of Prince Albert Smoking Tobacco! When you give a man Prince Albert, you're giving him the real smoking pleasure. And when you go to your local dealer, be sure to get the colorful Christmas packages. Both Camels and Prince Albert are available in red and green packages in the spirit of the season. All you have to do is write your personal greeting on the built-in gift card on the package. Save time and money this Christmas by giving cool, mild Camels and mellow Prince Albert Smoking Tobacco. See your dealer today. —Adv.

Made It A firm of shipowners wired one of their captains: "Move heaven and earth; get here on Friday." Just as they were becoming very anxious, they got the reply: "Raised hell and arriving Thursday."

### WHEN SLEEP WON'T COME AND YOU FEEL GLUM

Use Chewing-Gum Laxative—REMOVES WASTE... NOT GOOD FOOD

When you can't sleep—feel just awful because you need a laxative—do as MILLIONS do—chew FEEN-A-MINT. FEEN-A-MINT is wonderfully different! Doctors say many other laxatives start their "flushing" action too soon... right in the stomach. Large doses of such laxatives upset digestion, flush away nourishing food you need for health and energy... you feel weak, worn out. But gentle FEEN-A-MINT, taken as recommended, works chiefly in the lower bowel where it removes only waste, not good food! You avoid that weak, tired feeling. Use FEEN-A-MINT and feel 100% fine, full of life! 25c, 50c, or only 10¢



### WARFARIN KILLS RATS!

Mix a little Black Leaf Warfarin with corn meal or other bait. Destroys entire colonies of rats and mice. Tasteless, odorless, never develops "bait shyness." Sold at drug, hardware and farm supply stores. Send for free Rat Control Circular "A". Tobacco Products & Chemical Corp., Richmond, Va.

### Economical Cough Relief! Try This Home Mixture

No Cooking. — Makes Big Saving. To get quick and satisfying relief from coughs due to colds, mix this recipe in your kitchen.

First, make a syrup with 2 cups granulated sugar and one cup of water. No cooking needed. Or you can use corn syrup or liquid honey, instead of sugar syrup.

Then get 2 1/2 ounces of Pinex from any drugist. This is a special compound of proven ingredients, in concentrated form, well-known for its quick action on throat and bronchial irritations.

Put Pinex into a pint bottle, and fill up with your syrup. Thus you make a full pint of splendid medicine—about four times as much for your money. It never spoils, and tastes fine.

And for quick, blessed relief, it is surprising. You can feel it take hold in a way that means business. It loosens phlegm, soothes irritated membranes, eases soreness. Makes breathing easy, and lets you get restful sleep. Just try it, and if not pleased, your money will be refunded.

FOR EXTRA CONVENIENCE GET NEW READY-MIXED, READY-TO-USE PINEX!

Only the AUTO-LITE Resistor SPARK PLUG gives you... Smoother Performance—Double Life and Greater Gas Savings\* Enjoy these special advantages by replacing worn-out spark plugs with new wide-gap Auto-Lite Resistor Spark Plugs—the newest addition to the complete line of regular, transport, aviation, marine and model spark plugs Ignition Engineered by Auto-Lite. \*Cut-away view shows the 10,000 ohm Resistor which permits wider initial gap settings and makes these advantages possible. Double life under equal conditions as compared with narrow gap spark plugs. See Your Auto-Lite Spark Plug Dealer. CBS RADIO NETWORK THURSDAYS—CBS TELEVISION TUESDAYS

IF PETER PAIN KNOTS YOU UP WITH Muscle Aches FOR FAST RELIEF, rub in Ben-Gay. Contains up to 2 1/2 times more of those two famous pain-relieving agents, methyl salicylate and menthol, than five other widely offered rub-ins! Also for Pain due to RHEUMATISM, NEURALGIA, HEADACHES and COLDS. Ask for Mild Ben-Gay for Children. QUICK! RUB IN Ben-Gay THE ORIGINAL BAUME ANALGESIQUE Copyright 1949, by Thos. Leeming & Co., Inc.