



Pastures Require Good Legume Stand

Lime and Fertilizer Essential to Success

Legumes are a "must" in any permanent pasture building program if good yields of high quality forage are to be obtained, according to Dr. R. Dodd of the Ohio Agricultural Experiment station.

"The legumes not only provide the nitrogen for additional grass growth and greatly increase the yield, but they also increase the lime and protein content of pasture herbage," he pointed out.

Legume seedlings, however, must first be limed and fertilized if permanent pasture growth is to be assured.

Describing tests made by the Ohio station, Professor Dodd said that in these trials legume seedlings had failed regardless of the seeding method unless the soil first was limed and fertilized. In only about one trial in ten did satisfactory stands result from seedings of Ladino and Louisiana white clover and lespedeza on disked pasture land in the absence of lime and fertilizer.

"Where seedings were made on sod without any soil preparation



More hay from limed, fertilized soil.

but with a top dressing of lime and 500 pounds of O-14-7 fertilizer," he declared, "the greatest degree of success was obtained when seedlings were made early in the spring and where the grass had been weakened by very close grazing the preceding fall or winter. The percentage of successes was more than double those obtained following seed-bed preparation but without treatment. "Where treatment and disked were combined, the percentage of successes was again doubled. It is therefore recommended that the land be first limed as needed, then disked, fertilized and seeded."

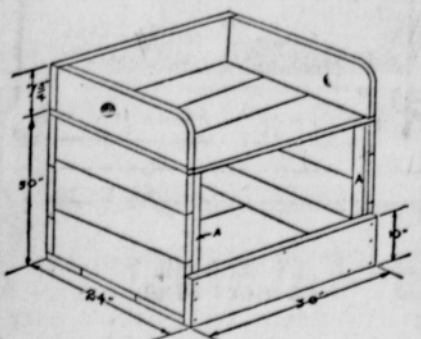
DDT Use for Hairy Vetch Recommended

Recent experiments at Oregon, Maryland and Wisconsin experiment stations would indicate that the use of DDT, while causing some injury to honeybees, may offer advantages that will overcome these losses and even prove a blessing to the beekeeping industry.



When hairy vetch was dusted for the hairy vetch weevil, at the rate of 3 per cent DDT dust, 25 pounds per acre, effective control was secured. Bees were in most cases absent from the dusted fields for several days following the dusting. As hairy vetch is of considerable importance to the beekeepers in many regions, and as the weevil would soon kill out the crop, the importance of these tests is of considerable interest and value.

Build a Potting Bench



This potting bench may be built by using a box about 30 by 24 by 30 inches.

The three top pieces of the bench may be made from the pieces of the end which have been removed. The top and sides should be reinforced with wood or metal cleats.

Raising of Buckwheat For Rutin Extraction

Buckwheat has been discovered to be a much more economical source than tobacco as a source of rutin, a drug used in the prevention of many causes of blindness and heart diseases.

The buckwheat is harvested while still in its green stage. As the plant will not sprout again, it is necessary to reseed if more than one crop is to be secured. It is possible to secure two or three crops.



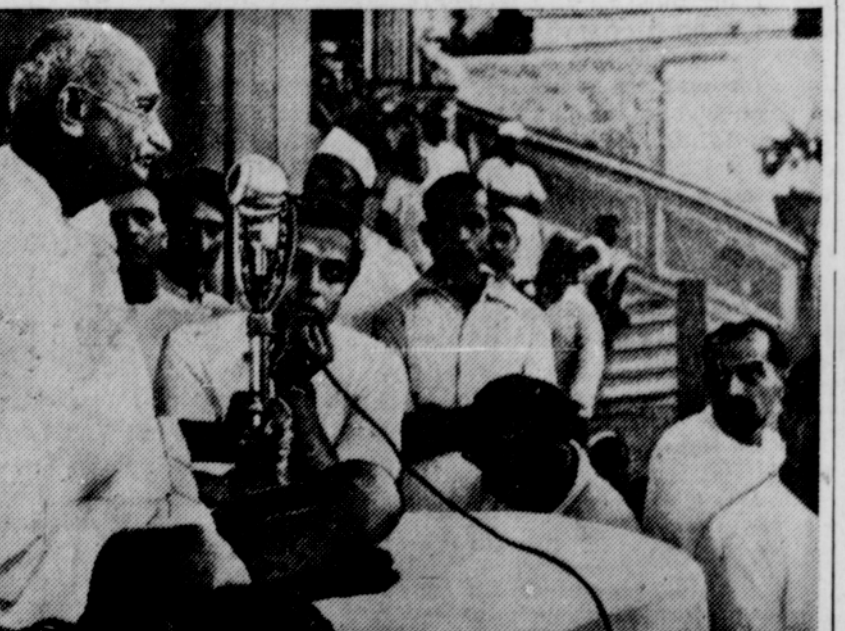
DRAMATIC EXIT OF RUSSIAN DELEGATION . . . Andrei Gromyko, left, head of the USSR delegation to the United Nations security conference, followed by other delegates and accompanied by Frank Bagley, right, chief of security, as he leaves the conference room after a dispute on the Iranian situation.



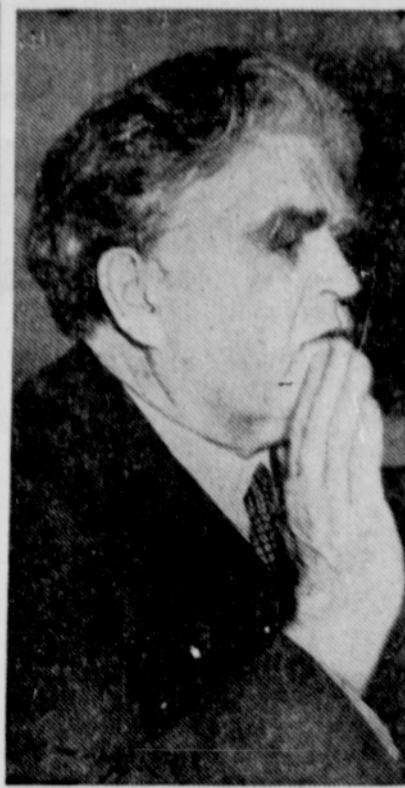
WISCONSIN BASKETBALL CHAMPS . . . The high school basketball five from Reedsville, which recently captured the state title in championship series held at Madison. Reedsville, with a population of only 837, is proud of John Gable, principal and coach of his team. Left to right, Karl Maertz, Henry Behnke, Bernard Kubale, Ed Shimon and Roman Kugle. Coach Gable is shown in center of group. Photo—Milwaukee Journal.



THANK YOU, MR. MAYOR . . . Says Louisiana's Governor Jimmie H. Davis to Mayor-Designated de Lesseps S. Morrison, at a recent civic gathering in the southern city. Both men are united in their efforts to expand industry in Louisiana. The two leaders are fast becoming one of the South's best sales teams.



GANDHI TALKS OVER RADIO . . . Following the announcement of Prime Minister W. Clement Attlee that India may elect her own freedom, the great leader of India, Mahatma Gandhi, went on the air to tell his followers what kind of a freedom he wanted for India. The British cabinet was on its way to discuss the matter with Gandhi. Lord Pethwick Lawrence, Sir Stafford Cripps and A. W. Alexander made up the group.



NO CONTRACT, NO WORK . . . John L. Lewis, president of the United Mine Workers, as he delivered his famous admonition to coal mine operators: "No contract, no work." The old agreement expired April 1.



STAMP TO HONOR VETS . . . This special three-cent stamp honoring veterans of World War II will be issued on May 9. It will be of standard size and will include a facsimile of the honorable discharge emblem now seen on so many lapels.



BE KIND TO ANIMALS . . . For the entire week, animals of every species have the right of lordship it over humankind. Be Kind to Animals Week is sponsored by the American Humane association but widely observed.



REVAMP COURT MARTIAL . . . Dean Arthur T. Vanderbilt, New York university law school, who has been named chairman of civilian board of nine law experts to overhaul army's court martial procedure which has been severely criticized recently.



HAS NEW GODCHILD . . . Mrs. Eleanor Roosevelt holds Anna Eleanor Martin, two-months-old daughter of Mrs. Hershey Martin, former Mayris Chaney. Mrs. Roosevelt was infant's godmother at San Francisco christening.

In These United States

Americans Will Greet Easter With Open-Air Sunrise Worship

(By WNU Feature Service)

Hours before the dawn on Easter, thousands of American families will be stirring about, getting ready to attend sunrise services, thus dramatically and reverently affirming their belief in the Resurrection. The Easter sunrise service has become an institution that has spread all over the United States in the past 25 years, and this year it will be greater than ever.

Again nature's cathedrals of the great outdoors in national parks will provide backgrounds and settings for Easter worship from New Jersey to California. Open-air services will be held at the rim of the Grand Canyon, at the base of towering Half Dome in Yosemite, by the Easter Bowl near Stovepipe Wells in Death Valley, among the fantastically carved and vividly colored sandstone cliffs of Zion in Utah, and around a rustic cross in the pines on the summit of Hot Springs mountain.

Mammoth Hot Springs terrace will be the church of the open air in Yellowstone, and special Easter services will be held on Bromide Hill in Pratt National park, Oklahoma. Scene of historic ceremonies more than 800 years ago, the Great Kiva in Aztec Ruins National park, New Mexico, will again be used for sunrise services. Deep within Carlsbad Caverns, 750 feet below the surface, hundreds of visitors will gather for Easter worship.

In the cities, too, sunrise services will be held from coast to coast. From Rodney Square in Wilmington, Del., to Soldier Field, Chicago, and the Rose Bowl at Los Angeles, more thousands will gather to sing and worship as the sun rises on Easter morn. The traditional service at the Garden of the Gods, Colorado Springs, will be broadcast over a nation wide radio network.

Miami Beach, Atlantic City, Seattle, and dozens of other cities have instituted sunrise services. In Washington, everyone from the President and cabinet members to the lowliest citizen will attend the impressive Easter service at Arlington National cemetery. At San Francisco, thousands will rally at Mt. Davidson for Easter worship.

Hundreds of small communities in Texas, Kansas, Vermont, Oregon, and all the other states, will hold their own sunrise services, many of them in parks and public squares, others among the great natural settings so abundant in America.



YOSEMITE . . . Mirror Lake at the base of Half Dome is the scene of Easter sunrise services each year. Thousands of California people as well as many from other states attend the annual event.

"Off We Go" AVIATION NOTES

FORMER PARATROOPERS

The 17th airborne division association has grown from 134 members in September, 1945, to over 3,000. But there are 20,000 eligible former 17th men for whom the association has no address. The address is 11 Ravine street, Birmingham, Mich., in case others want to join. The official publication is the "Talon."

Buy Stratocruisers

Northwest Airlines has purchased 10 Boeing stratocruisers, developed from the B-29 superfortress. Double-decked, each will carry 75 passengers.

ECONOMY FLYING CLUB

At Waukegan, Ill., Wayne Carpenter, manager of the airport, is gathering 100 members for the Economy Flying club, with annual membership set at \$25 and \$10 a month for flying training. The plan is experimental, Carpenter said, its purpose being to make it possible for anyone to learn flying.

Cleveland Foundation

Civic and business leaders of Cleveland, Ohio, have formed a non-profit air foundation to advance aviation through public education, research, and by means of scholarships.

KING FOR DAY . . .

Cpl. Lawrence O. Johnson of Portland, Ore., was chosen from G.I.s in the regional hospital of the Smoky Hill army air field, Salina, Kan., as "King of McPherson for a Week-end." One of his first acts was to repeal an old law prohibiting boys from playing marbles on Sunday.

Uncle 'Stork'

WASHINGTON. — Uncle Sam is still playing stork for war veterans. The old fellow who has already played a part in bringing some 800,000 servicemen's babies safely into the world, all expenses paid, is still taking on the responsibility for an additional 30,000 or so monthly.

This function comes under the Emergency Maternity and Infant Care program which provides for service to wives of servicemen in the four lowest pay grades, including medical, hospital and nursing care for their infants during the first year of life.

Hyde Park Dedication Is Set for April 12th

WASHINGTON.—Ceremonies formally dedicating to the nation the home of Franklin D. Roosevelt as a national historic site will be held at Hyde Park, N. Y., April 12, first anniversary of the former President's death, with President Truman scheduled to deliver the principal address. J. A. Krug, secretary of the interior, will accept the property for the department and the national park service.

AIRLINE PILOT . . . Miss Louise Schurman, who flew for the ATA in England during the war, is now working as a co-pilot with Willis Airlines, New York. She has over 1,600 pilot hours and has flown practically every type of plane.

Farm Aviators to Meet

Farmer-aviators will fly to the Hutchinson municipal airport, Hutchinson, Kan., on Friday, May 24, to organize a Kansas Flying Farmers' club. More than 100 are expected to attend.

Vets Get Airport

BETHANY, CONN. — The new owner of the Bethany airport is Bethany Airways, Inc., with Bob Halpin as president and Ben Shiffrin, secretary-treasurer. Both of the men are ex-army pilots.