

HURRY UP! SAYS MONTANA TO U. S.

PASS THE MEYERS BILL, UNCLE SAMUEL, AND GIVE MANY NEPHEWS A CHANCE.

State Land Board Subscribes for \$100,000 Worth of War Bonds and Requests Congress to Clear Up Title to Some State Lands That May Be Farmed.

The state of Montana, through the state land board, will subscribe for \$100,000 worth of the \$7,000,000, 000 war bond issue, which the federal government will authorize the sale of shortly. The state land board has a fund of \$2,000,000, and this money was to be invested in state farm mortgages. But it seems that the farmers of the state are either too prosperous, or can get money at a better rate than the six per cent which the state exacts, and these millions are going begging.

The Meyers Bill. The state board is also calling the attention to the federal government to the fact that many thousands of desirable lands lie idle because of a cloud on the state's title. This land could be used in the present emergency, the board opines, and thousands of additional acres of wheat planted.

For Immediate Use. The board asks congress to pass the Meyers bill, permitting the state to make lieu land selections for land to be relinquished to the government in forest reserves, which would clear up the title to the wheat lands in question, and make them available for immediate cultivation.

If the Meyers bill becomes a law it is believed that a very great many settlers would be provided with homes, and an immense stretch of country brought under tillage.

To Livestock Men. Contagious abortion has in recent years proved one of the principal causes for loss of livestock. Dr. W. J. Butler, state veterinarian has prepared an article on the causes of this disease and the proper treatment for it. This article, which will be found extremely useful to any owner of livestock, will be sent free on application to THE MONTANA NEWSPAPER ASSOCIATION GREAT FALLS.

Poor Old Paw. Willie—Paw! Paw—What is it my son? Willie—Do the police boats in harbors arrest the tramp steamers? Paw—You better take a walk, young man.

HAVE YOU PRUNED APPLE TREES YET?

IF NOT, YOU SHOULD TEND TO IT BEFORE ORCHARD COMES INTO FOLIAGE.

Cut Away Dead and Diseased Limbs and Be Sure to Let Enough Sunshine in So That Fruit May Develop; Paint Over the Big Wounds With Lead Paint.

Apple trees should be pruned every year and if this job has not been taken care of during the winter months the fruit grower should hasten to do it before the trees come into foliage.

Remove the dead and diseased limbs. Many of them will be dead at the ends with perhaps a few live branches back near the trunk; often it is best to remove such limbs entirely although if too large an opening will be made by so doing, it may be better to cut back to the few remaining healthy twigs.

After all of the dead wood is cut away, look for branches which are rubbing or crossing other limbs, and remove the least desirable of the two. If the tree is still so full of branches that the sunshine will be prevented from reaching the inner parts of it when the foliage is on, cut out more branches from the thickest parts. High colored fruit will not develop unless the tree is open and the sun can get in.

Do Not Tear Bark. Care should be used when sawing off a branch that the bark is not split or torn; such wounds are unsightly and slow to heal. Any limb two inches or more in diameter should be sawed first from the under side. This will prevent the splitting which would otherwise occur.

Wounds over two inches in diameter should be painted over to prevent decay. For this there is nothing better than good lead paint. Large wounds should be painted every year or two until entirely grown over.

When it is desired to head back old trees to make spraying and harvesting easier, the work should not all be done the first season. All of the dead wood should be removed and a few of the upper limbs, thus more light is given the lower branches, and water sprouts or twigs will grow on the lower branches where it is desirable to have them. The next season these are thinned out, the best ones being saved and trained to make the limbs which will later on bear the fruit.

Pruning Young Trees. More of the upper branches are removed the second year, and after three or four years we should have an old tree with a lower head of young, healthy wood.

The pruning of young, bearing trees should be moderate, only those limbs that are dead, broken, diseased or rubbing being removed. Trees which are pruned too heavily will throw out a mass of water sprouts, and the grower also lessens his amount of bearing surface. It is desirable to have a shapely fruit tree, but at the same time the production of fruit is the final test; hence, pruning should be done with the idea of having a maximum amount of bearing surface consistent with the strength of the tree. Keep the young trees thinned out and the long leaders cut back, and the tree will be easy to spray and to harvest.

THE NEW FEDERAL GRADES OF WHEAT

LAW PASSED BY RECENT LEGISLATURE MAKES FEDERAL GRADES OFFICIAL.

New Grading Militates Against Mixed Varieties and Makes All the More Important the Use of Clean Seed and Growing of Pure Varieties; Frost Damage Affects Grade.

By Alfred Atkinson, Montana Experiment Station.

Announcement 22 of the bureau of markets of the United States department of agriculture which appeared March 30th gives the federal grade standards of the United States for wheat. As these standards must be announced at least 90 days before they come into full force and effect they will not apply until July 1 on winter wheat and soft white wheat and August 1 on other wheats. Since the law passed by the Montana legislature of 1917 provides that the federal grades as announced shall be accepted as the official grades within the state, these new wheat grades will be the basis for grading all grain sold within the state as well as that going into the interstate or foreign shipments.

How Montana Is Affected. The details of the grades were recently announced through the public press and need not be repeated at this time. There are two provisions, however, which merit special mention as applied to Montana wheats. These are the percentages of wheats of other classes and the percentage of damaged kernels allowed in the different grades. In each class there are grades one to five and sample grade. In the spring wheat class, grade No. 1 of the different classes must not have more than two per cent of damaged kernels. Grade No. 2 must have not more than four per cent of other wheat and four per cent of damaged kernels; grade No. 3 not more than six per cent of wheat and four per cent of other classes and seven per cent standard kernels; grade No. 4 not over 10 per cent of wheat or other classes and 10 per cent of damaged kernels; grade No. 5 not over ten per cent of wheat or other classes and fifteen per cent of damaged kernels. Wheat having amounts greater than these will be classed as sample grade and sold on sample.

Use Clean Seed. These requirements as to mixtures will result in putting considerable of the Montana wheat into sample grade. The mixture of types which has been regarded as relatively unimportant by growers will result in reducing the grade on much of the wheat sold. This will especially apply with durum or macaroni wheats. While slightly higher percentages of mixture are allowed with this wheat than with the common spring wheat, the high percentage of mixture in macaroni wheat as it is generally grown will reduce the grade considerably. The growing of pure varieties and the use of only clean seed will be a practical remedy for this difficulty.

Frost damage will reduce the grade on a certain amount of wheat marketed. Even slight frost injury may be sufficient to lower the grade or two. It will be noted that even in grade No. 4 in spring wheat not more than ten per cent of kernels showing damage of any sort whatever will be permitted. Under this is included frost damage, injury from heating or molding, sprouted grains, weevil injury and injury of whatever other form. Early planting of spring wheat, especially in localities where the season is relatively short, and the harvesting and threshing separately of wheat from the low places in the field where there may have been frost injury tend to avoid serious grade reductions through the presence of damaged kernels.

LAND-MONTANA-LAND

Two sections of land in one of the best grain and grazing districts in Montana, 11 miles from good new town on railroad having several elevators and fine general stores. About one-half of each section is tillable, the soil is a deep, black loam with clay subsoil. The balance is grazing land of superior quality and adjoins a government reserve, with no loco, where stock may graze at a trifling cost. The cultivated land is suitable for the growing of all kinds of grain, root crops, alfalfa any timothy. There are never-failing springs on the land, and a running stream crosses each section. Cultivated land in this district, with only slight improvements, is selling at \$30.00 to \$50.00 per acre, and grazing land from \$10.00 to \$15.00 per acre. Price \$17.00 per acre, subject to change without notice. Write or call on PIATT & HEATH CO., 29 W. 8th Ave., Helena, Montana.

WE ARE PAYING THE FOLLOWING PRICES

Hens, medium and large; choice.....	20c
stock.....	19c
Hens, small.....	18c
Fullets, fancy laying stock.....	21c
Springs, small broilers.....	21c
Springs, medium.....	19c
Cockrels, large and stagsy.....	17c
Ducks, old.....	15c
Ducks, young.....	20c
Geese, fat.....	18c
Turkeys, plump.....	25c
Eggs, select, fresh stock.....	\$0.25
Express Shipment.....	

MONTANA FARMS THE MONTANA STOCK RANGES

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Get your money; keep a record of service. Our complete service record and iron-clad Service Note makes your money certain and provides data for registration of colts; also contains valuable information on care of stallions, mares and colts. Book of 50 pages \$2.50; 100 pages \$3; check or money order. The Tribune, Roundup, Montana.

NEXT WEEK THEY DIE!



If every farmer does his part next week gophers and squirrels will not destroy the grain we are going to need so badly—do YOUR share next week!

GOPHER WEEK—April 30 to May 5

Every bushel of grain will be needed. Save the crop! Kill the destroying pests! There is an absolutely sure way, backed by a MONEY-BACK guarantee. Use

Never Fails Kill-Em-Quick Guaranteed

GOPHER AND SQUIRREL POISON

Its odor attracts gophers; they always find and eat it; the tiniest particle means instant death; it's easy, safe and quick to use. We will return the purchase price to anybody who is not pleased. Don't trifle; don't delay; Kill-Em-Quick and save the crop.

Montana Dealers Who Can Supply You With Kill-Em-Quick

- ALLOE—R. A. Froemke.
- ALMA—J. Lee McCellan.
- ANACONDA—Smith Drug Co.; George W. Sparrow.
- ANTELOPE—Antelope Drug Co.; W. O. Smith.
- ARCHER—Archer Mercantile Co.; James Michels.
- ASHMORE—Ashmore Co-Op. Association.
- BAINVILLE—A. C. Spooner.
- BAKER—Lawler Drug Co.
- BARR—Parker & Chambers.
- BELGRADE—W. P. Porter.
- BILLINGS—Leo Warren.
- BIG SANDY—M. Asai; McNamara & Marlow.
- BIG TIMBER—Big Timber Pharmacy; Phillips Drug Co.
- BRADY—R. C. Woolson.
- BONITA—Hauswirth & Buos.
- BOULDER—J. A. Reidel.
- BOX ELDER—Cowan & Son; Spafford & Sprague; Valley Mercantile Co.
- BOZEMAN—Owenhouse Hardware Co.
- BUTTE—South Butte Pharmacy; Taylor Drug Co.
- BYNUM—Bynum Drug Co.
- CALDWELL—Porter & Rowe.
- CANBY—J. K. Clausen.
- CLYDE PARK—W. B. Calhoun; Clyde Park Drug Co.
- COFFEE CREEK—Arno Green; Green Drug Co.
- COLUMBUS—Owl Drug Co.
- COMERTOWN—Comertown Hardware & Furniture Co.; W. J. Thorson.
- CONRAD—Drake Drug Co.; Fondersa Drug Co.
- CULBERTSON—A. W. Huxsol.
- CUTBANK—Cutbank Pharmacy; William P. Youck.
- DAGMAR—Peterson & Jorgeson.
- DALEVILLE—Daleville Cash Store.
- DEER LODGE—O'Neill Hardware & Plumbing Co.; Alfred Whitworth.
- DENTON—J. H. Wick.
- DEVON—Mrs. Annie Gardner; L. M. Lerborg & Co.
- DOOLY—George Hanson.
- DODSON—Dodson Drug Co.
- DRUMMOND—Faust-Bassett Co.
- DUNKIRK—J. B. Ewing.
- EAST SCOBEE—Scobee Drug Co.
- ENNIS—Angle & Caspers.
- ETHRIDGE—O. J. Kittlerud & Co.
- FISHTAIL—Fishtail Trading Co.
- FLAXVILLE—Frank T. Pooler; Kirkeby & Rafshal.
- FLOWEREE—B. E. Ainley.
- FROID—Chas. C. Kingsbury.
- FORT BENTON—Lockwood Pharmacy.
- GALATA—Galata Drug Co.
- GEYSER—Dr. H. W. Brant.
- GILDFORD—Dr. Miles Hopkins.
- GLASGOW—Glasgow Drug Co.; Louis Wendum Co.
- GLENTANA—Fred Heising & Son.
- GOLD BUTTE—A. H. Fey.
- GRASS RANGE—H. C. Ekers.
- GREAT FALLS—Candle Drug Co.; Lapeyre Drug Co.
- HARLEM—E. H. McGinness.
- HARLOWTON—Hawley & Farr; Harlowton Drug Co.
- HAYES—Boone's Drug Store; Gas City Drug Co.; Owl Drug Store.
- HELENA—Helena Drug Co.; Schleris & Riets.
- HINSDALE—Weber Drug Co.
- HOMESTEAD—B. Van Vorous; T. & B. Homestead Co.
- INVERNESS—Jos. A. Shaffer; Mogg Bros.
- JOPLIN—Joplin Drug Co.; Nelson & Emerson.
- JORDAN—Jordan Drug Co.
- JUDITH GAP—R. C. Flepho.
- JULIAN—Gust W. Wahl.
- KEVIN—R. C. Lehman.
- KOLIN—Frank J. Rau.
- KREMLEN—Bjornstad & Isachsen; C. J. Moon, Jr.
- LEWISTOWN—Karl E. Hodges.
- LILACS—Shafer Grocery Co.
- LINSTROM—Lennert Lindstrom.
- LIVINGSTON—Scheuber Drug Co.
- LOTHAIR—Lothair Commercial Co.; C. J. Rockman.
- LOVEJOY—Walter Risen.
- MADOC—Lockren & Son.
- MALTA—Malta Drug Store; Jas F. Murray.
- MEDICINE LAKE—C. J. Poe.
- MCCABE—McCabe, Tanner & Best.
- MILES CITY—Owen Arntstad.
- MISSOULA—Garden City Drug Co.; Missoula Drug Co.; C. F. Peterson.
- MOORE—Willard Drug Co.
- NASHUA—A. Torkelson.
- NAVJO—King Mercantile Co.
- NORRIS—Norris Mercantile Co.
- OPHEIM—W. J. Keele.
- OSWEGO—Daniel Knapp & Co.; A. B. McIntyre; Walls & Krall.
- OUTLOOK—Sheridan Drug Co.
- PLENTYWOOD—Hudson & Crawford; Plentywood Pharmacy Co.
- POPULAR—Gateway Drug Co.
- PROCTOR—Farmers Commercial Co.
- RAYMOND—E. A. Madson & Co.
- REDSTONE—Mrs. L. E. Toney.
- RESERVE—Tjomsos & Hagen; Tjomsos & Co.
- ROUNDUP—Kelley & Hancock.
- ROY—E. A. Sandbo.
- RUDYARD—Frank R. Adams.
- RYEGATE—City Drug Store.
- TAMPIO—M. Molskau.
- THREE FORKS—City Drug Store.
- THOENY—J. M. Thoeny.
- SACO—A. E. Easton; Saco Drug Co.
- SHELBY—Shelby Drug Co.
- SWEETGRASS—Merritt & Hunt.
- VANDALIA—Equity Co-Op. Assn. of Mont.
- WESTBY—C. N. Westby; Westby Drug Co.
- WHITTAIL—Hansen Mercantile Co.; Gust W. Wahl.
- WILLOW CREEK—Willow Creek Drug Co.
- WILLSALL—Willsall Mercantile Co.
- WINDHAM—Duncan Gillespie; Windham Drug Co.

Leo Shapiro & Co., Inc., Minneapolis, Minn.

WORLD NEWS TOLD IN BRIEF

Boston — Boston harbor is now closed after dark, being mined and netted.

New York—"Diamond" Jim Brady is said to have left a fortune of \$5,000,000, of which \$1,800,000 was in jewels.

New York—The port of New York is closed every night at 6 o'clock and no ships are allowed to enter after that time.

New York—A New York banker wants to import a million Chinamen to work on farms. He seems to stand alone on this proposition.

Chicago—Eleven hundred and fifty marriage licenses were issued here in one day; 60 per cent of these being issued to men of conscription age.

Seattle—The Siems-Carey company of New York have completed arrangements for building 4,000 miles of railroad in China, involving \$100,000,000.

Chicago—Citizens of the United States now carry life insurance amounting to \$24,603,000,000. During 1916 new business amounted to \$4,258,000,000.

New York—Telephone and telegraph lines all over the country are now under government orders and all government messages have the right-of-way over all other business.

Corning, Ark.—Frank Scott and his wife were married ten years ago. Nineteen boys have been born to them. Six died at birth. Of the 13 living there are three sets of triplets and two sets of twins.

Washington—German investments in the United States total \$1,000,000,000, besides huge sums held in banks for Germans. German interests have purchased large amounts of copper and other raw materials for delivery after the war.

Redondo Beach, Calif.—Carl Hansen and George Fitch returned from a fishing trip bringing with them a large black cat which they found riding an empty keg five miles out at set. The cat, which was famished, evidently had weathered a hard storm.

Chicago—It is declared that the Postal Telegraph company is about to establish a telephone system that will be nation-wide. It will be initiated in Chicago. The Postal wires are capable of transmitting the voice as well as do the wires of telephone companies.

Stroudsburg, Pa.—Lillian Upple, an employe of a silk mill, was severely injured when her hair caught in the cogs of a machine she was operating. She refused to allow her hair to be cut, and it took four men an hour to take the machine apart to release her.

El Paso—The German government has established its spy headquarters at El Paso, in the opinion of the government secret service men, who continue making arrests daily. Twenty-five Germans have been taken into custody here within the past week.

Washington—The navy department has awarded to the Fore River Shipbuilding corporation a contract for the construction of the cruiser Constitution, one of five vessels recently authorized by congress. The vessel will cost complete \$19,000,000 and is to be finished in 48 months.

Davenport, Ia.—Helena Gobble, 22 years old, had a miraculous escape from death when a locomotive struck her automobile on a crossing. She was thrown through the windshield and landed on the cowcatcher of the engine, clinging there till the train was stopped. She was uninjured.

Chicago—A dozen Chicago jewelers who went to Washington to confer on the shortage of platinum in this country believe that the government will commandeer for war purposes the nation's platinum supply. This metal, of which there are about 200,000 ounces in the country, is used for making acids for manufacturing high explosives.

Carlinville, Ill.—Poultry fanciers are watching with interest what is thought to be the largest incubator in the world. An Alton man has discovered a room over a big boiler where the temperature stands at 102 degrees all the time. He has placed eggs on the shelves in the room and left them to hatch. From 10,000 to 11,000 eggs comprise the first setting.

Montreal—Quentin Roosevelt, son of Colonel Theodore Roosevelt, has joined the Canadian aviation corps to obtain instruction for service with the American army at the European front if an army from the United States is sent abroad. Otherwise he will serve with the Canadians at the front. Archie Roosevelt, a younger son, was married at Boston to Miss Grace S. Lockwood before the young man joined the colors. Archie Roosevelt is a member of the officers' reserve corps at Harvard university.

Chicago—J. Ogden Armour says that if immediate and radical steps are not taken at once to conserve and increase the food supply in this country, we will find ourselves in as bad shape next winter as any of the warring nations. He recommends that the government fix the wholesale price of meats, and that the government guarantee to farmers \$1.50 per bushel for all the wheat they can raise.

M. N. A.—WK—4-23-17.

Butterfat 48c

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The Hickory Dealer Says!

Mr. Atkinson, of Superior, Wis., intended sending \$10 away for paint for this house—Martin Erickson, the Hickory dealer, furnished Hickory paint and oil at regular price, total cost \$8.75. Also saved Mr. Atkinson's freight of about 75c. This house was painted 2 years ago and is in perfect shape today.

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Two gallons of Hickory paint, with oil added, will go as far as four or five gallons of cheap paint to which no oil can be added. Hickory paint, with all its quality costs less by the job. Prove it by getting a quotation on Hickory paint for your house or barn.

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If there is no Hickory dealer, write us for FREE color cards and Paint-Talk book, which gives you money-saving facts on painting. Tells you why Hickory contains no acid or other impurities—why it spreads farther and holds the oil or "life" for years.

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