

MONTANA DRY FARM METHODS

Highest Returns Are Found to Come from Mixed Farming.

FIELD PEA FOR STOCK FEEDING

Contains Large Amount of Hydrogen and is Valuable for Fattening Both Sheep and Hogs—is a Soil Improver.

"The experience of Montana farmers in the non-irrigated sections of the state—and these comprise by far the greatest agricultural portion of the state—has very clearly demonstrated that the highest returns come from mixed farming."

"These companies, at the head of which is Lewis Penwell of Helena, have been a construction force in Montana stock growing and agricultural development. Their stock ranches are managed along the most approved modern lines and have uniformly paid handsome dividends to their shareholders."

"Live stock is being successfully fed on the so-called dry farms," continued Mr. Witter to the Bee's Land Show visitor, "and this is made possible by the highest kind of returns to Montana farmers. It has been very clearly demonstrated that the kinds and varieties of crops necessary for the profitable feeding of all classes of live stock may be raised on all the benches of the state, corn, barley, clover and peas, with alfalfa as a basic feed, are forming the balanced ration by which our farmers are fitting their beef, pork and mutton for the block."

Several varieties of oats have been tested, and yields ranging from twenty-five to 90 bushels to the acre, have been secured. The common two-rowed barley is a little slower in maturing and does not yield quite so well as the hullless. However, it gives very profitable returns.

"One of the most promising dry farm grain and forage crops is the corn. The earlier maturing strains have been grown over the state and grain yields ranging around forty bushels, with forage yields of three tons to the acre, have been harvested. This crop is destined to find a large place on the dry farms, and its presence indicates the great feeding development that is sure to come."

The field pea is coming into very general use in making up a stock feeding ration. Its general adaptability to soil and climate, and the very high value of the crop, both as a soil improver and for the feeding value of the grain have been discovered. It contains a high content of nitrogen, and both grain and straw are especially valuable for the fattening of sheep and hogs.

"The question of forage on the dry farm is not a difficult one. Alfalfa, bromegrass, tall oat grass, and corn fodder may be profitably raised and furnish the most valuable forage of these crops. The alfalfa will doubtless be the most important. The crop has been grown in all the sections of the state and is well adapted to the dry farm. During the last five years alfalfa has been yielding from one to three tons, with an average of approximately two tons per acre, harvested. This crop has a high protein content, and when fed with the grains above mentioned makes an almost perfectly balanced ration. This corn is also adapted to pasture production and as such makes possible the very cheap growth of young animals."

"Brome grass and tall oat grass make good hay crops when planted by themselves or in mixture with alfalfa. They are also valuable pasture grasses."

"As has been mentioned, good yields of corn fodder have been harvested. This indicates good feeding possibilities and also suggests the great dairy development which always comes where corn is raised."

"In addition to the above standard stock feeding crops, some of the root crops like mangels and sugar beets are profitably raised, and furnish cheap feed."

"From the crops I have discussed the most ideal balanced feeding rations may be made. The grains like corn, barley and clover, furnish the elements for the building up of fat and bone material, while the peas add to the valuable muscle building protein features. Of the forage crops alfalfa is high in protein, while the other crops mentioned contain the elements which build up bone and other parts of the body."

Mr. Witter is in charge of one of the large exhibit booths facing the Great Northern and Northern Pacific exhibits, and the showing his sections of Montana make in grains, grasses and forages is a very attractive one.

MRS. LONGWORTH TO WRITE PLAY TO BE GIVEN SOON

Wife of Congressman Said to Have Laid Plot in Society and Kept It Secret.

WASHINGTON, Jan. 22.—(Special Telegram.)—Mrs. Alice Roosevelt Longworth is writing a play. It is a society play and is to be produced, perhaps, at the new "playhouse," the home of the fashionable dramatic club, which has just been opened. Mrs. Longworth is keeping the plot of the play a secret, even from her friends, but it is said she had admitted the play writing.

CLERK NO. 8 WEDS QUICKLY

Six Savannah Girls Employed in One Station Are Married in Few Months.

LEXINGTON, Ky., Jan. 22.—(Special Telegram.)—J. E. Kennedy of Savannah, Ga., and Miss Elizabeth Frazer were married here today. Miss Frazer was "clerk No. 8" at the dry goods store of G. L. Hyman, and she is the sixth girl who had this place that has been married in the last few months.

Every girl in the store has applied for the position left by Miss Frazer.

When buying a cough medicine for children be sure you get Chamberlain's Cough Remedy is most effective for colds, croup and whooping cough and that it contains no harmful drugs. For sale by all dealers.

Lipton Plays Trick on Visitor, Thus Saving His Life

Man Who Palms Himself Off as Inspector and Attempts Robbery Arrested.

LONDON, Jan. 22.—Sir Thomas Lipton last evening told of the attempt made against him at his country place by a man believed to be a maniac. "It was the most unpleasant surprise of my life," said Sir Thomas. "A telephone message told me that Inspector Wollidon would call to see about some forged checks that had passed at the Aulton station. A few minutes later the alleged inspector called and was shown into the billiard room. He was well dressed and well spoken. I shook hands with him and said: 'How are you inspector?'"

"He asked: 'Are you alone?' He then told me to sit down, but I insisted on standing. He said: 'You are a rich man and must help me.'"

New Constitution is Ratified in New Mexico by Big Vote

No Organized Opposition Shows Up—Large Majorities the Rule in Cities.

ALBUQUERQUE, N. M., Jan. 22.—Elections for the ratification of the constitution for proposed statehood were held throughout New Mexico Saturday. Returns from about one-half the precincts of the territory indicate that the constitution has been carried by a majority of between 8,000 and 10,000.

The election passed off quietly and the vote was light, less than 50,000 ballots being cast. There was no organized opposition to the constitution though in some sections the temperance people fought it bitterly. With few exceptions the leading men in both republican and democratic parties worked to bring out the vote for the constitution, though among the democrats there was a considerable number who opposed ratification because of the absence of provisions for the initiative and recall.

German Colonel's Sons Caught as Burglars

Two Youths Scarcely Out of Teens Fall in with Law in Fierce Pistol Battle.

CHICAGO, Jan. 22.—(Special Telegram.)—Sons of German aristocrats and military officers, the father of one, according to statements made by the police, a retired colonel in the German army and a personal friend of Kaiser Wilhelm, fell into a police trap set for a gang of north side burglars early today, and as a result are now in cells in the Rogers Park police station.

Their leader, wounded by a pistol bullet, escaped the meshes of the trap, but left behind him two letters from the girl he intends to marry, which gave the police his name and address, and practically makes certain his capture.

The two young men who were captured are hardly out of their teens and have confessed, the police say, that they were led into lives of crime since landing in the United States. The prisoners gave their names as Walter Taegen and William Frank.

The men were caught inside the clothing store of J. Spiesberger, 626-99 North Clark street, and after a desperate battle, two of them were arrested.

Wireless Messages Sent from Airship

Lieutenant Beck Demonstrates Orders Can Be Sent from Scouting Aeroplane to Headquarters.

SAN FRANCISCO, Jan. 22.—Lieutenant Paul W. Beck of the United States signal service demonstrated today the army's satisfaction the practicability of sending wireless messages from a scouting aeroplane to field headquarters.

The airship was at the time about two and one-half miles from the field while the officer was flashing communications to the wireless station and the receiving operator stated that no difficulty would have been had in reading the message had the distance been twenty miles.

Lieutenant Beck was delighted with the success of the experiment and plans to arrange tests for sending as well as receiving by wireless while speeding in a heavier than air machine.

Amateurs were active in the forenoon. C. E. Hagen, a local novice, after successfully negotiating the length of the field, lost control of his machine and fell in a bog, wrecking the machine and the aviator was slightly bruised.

NORTHWESTERN HAS ALFALFA

Prof. E. W. Hunt Tells of Progress Made with This Crop.

IS A GREAT HELP TO THE SOIL

Supplies Nitrogen, Which is One of the Most Essential Elements in the Upkeep of the Soil.

"Alfalfa is the basic crop in western and northwestern agriculture," declares Prof. F. W. Hunt, who is lecturing every day at the Land Show in connection with the Northwestern railroad's exhibit of alfalfa. "Upon it more than upon any other crop depends the continued prosperity of our 'inland empire.' What strikes me as almost startling is the fact that so few of the farmers of this territory appreciate the significance of the crop. If one considers merely immediate production and immediate returns from production there is more money to be made from growing alfalfa than from any other crop that the farmer produces. It seems to me that the reason why it is not more largely used is that the average farmer is afraid to sow it for fear that he may not succeed in getting a stand. In the past there has been some slight ground for this fear, but as our knowledge of alfalfa growing has increased, legitimate ground for this fear has disappeared."

"We now know that given proper seed and proper tillage it is as easy to get a stand of alfalfa as it is to get a stand of oats or any other grain. My own personal experience has taught me that the old Darwinian law of 'the survival of the fittest' applies as well to plants as to animals. My practice has been, and it is a practice that I recommend to all alfalfa growers, to procure my seed from a locality where natural conditions are more severe and unfavorable than they are where I propose to grow the crop."

"If a plant has vitality and power enough to produce a good crop under unfavorable conditions it will certainly grow luxuriantly under the more favorable conditions to which I submit the seed. For the same reason I select my seed corn for my poorest ground, because a corn that can develop a good ear on poor soil has the power of marvelous production when planted in good soil. In general, Nebraska has three distinct alfalfa zones and the time for seeding should be governed by the meteorological and soil conditions of the place where it is proposed to plant the seed."

Help to the Soil.

"Upon alfalfa the entire west has got to depend for maintaining the fertility of the soil. If I should go to any farmer in this territory with a guarantee to back up any contract that I might make, and should offer the farmers through the west \$25 per acre for the privilege of fertilizing their soil, and should agree to furnish the fertilizer myself, they would regard it as a 'snare' and would fall over one another in their haste to accept my proposition. Nature makes that identical proposition to every farmer in this territory. She says, 'sow alfalfa, and I will guarantee you an income of \$25 an acre, and at the same time guarantee to restore your soil to its virginal fertility.'"

"Let me explain how this is done, nitrogen is the most necessary, the most expensive and the most elusive of all the elements of fertility. Nitrogen is the element that produces vigorous vegetable growth. It is what gives the big corn stalk, the long straw and the dark green color in growing crops. Whenever one notices that year after year his corn stalks are growing smaller, or his straw getting shorter, or the color fading to a pale, yellowish green, he may know that his soil is lacking in nitrogen. "It seems like an almost unnecessary anomaly in nature that while four-fifths of the bulk of our atmosphere is pure nitrogen, we are unable to apply it directly to our soil. We are immersed in it and cannot use it. The alfalfa plant by virtue of the bacterial life that infests its roots can take this nitrogen from the air and store it in the soil for the use of plants. It is the regenerator of worn-out soil. No farmer is living up to his privileges who neglects to grow it. Upon the fertility of our soil rests the prosperity of the future, and alfalfa will take care of that fertility."

WILL CATALOGUE BACHELORS

Hall at Mason City Brings So Many Inquiries that Illustrated List Will Be Issued.

FOREST CITY, Jan. 22.—(Special.)—Since the big bachelors' banquet which was held here at the opening of the year, at which over fifty were present, those who were engaged in the festivities and were fortunate enough to get their names in the papers, have been deluged with letters. Even set old bachelors have a little jealousy in them and are now envying their brothers who are in receipt of these love messages. And now to settle the whole matter there is a possibility of the club issuing a catalogue giving name, age, occupation or profession, inventory of worldly possessions, temper at highest and lowest point, church preferences, musical like or dislike, love for canaries, pet dogs and cats, like or dislike of cold feet, and all accompanied by photographs. It will make a fifty-page catalogue.

Foley's Kidney Remedy—An Appreciation.

L. McConnell, Cathartes, St. Elmir, N. Y., writes: "I wish to express my appreciation of the great good I derived from Foley's Kidney Remedy, which I use for a bad case of kidney trouble. Two bottles did the work most effectively and proved to me beyond doubt it is the most reliable kidney medicine I have ever taken." Sold by all druggists.

COLORADO HOLDS THE STAGE

San Luis Valley Exhibit of Irrigation Projects Attracts Many.

F. W. Wiley, general manager of the Costilla Irrigated Lands company of Denver will arrive in Omaha Tuesday morning to spend the remainder of the week at the Land Show where his company has a large exhibit from the San Luis valley of Colorado.

The San Luis exhibit on the stage of the Auditorium has attracted universal attention and the results already attained are far ahead of those at the Chicago or Pittsburgh shows where Mr. Wiley sent this exhibit. Mr. Wiley's choice of Prof. Brandenburg as the lecturer to set forth with illustrated views the beauties and opportunities of the San Luis irrigated districts and of Mr. Martin, who is a practical farmer of long experience in this district, to explain the exhibit and the wonderful products shown, was an unusually happy one.

Both of these gentlemen are daily making many friends for the rich San Luis section of Colorado and the Costilla irrigated lands. Mr. Wiley was for many years immigration agent for the Northern Pacific railway and has always been identified with the building up of the west.

Associated with Mr. Wiley in the Costilla irrigated land are Messrs. Gerald Huxley, director of the First National bank of Denver, Fred G. Moffat, cashier of the same bank; Franklin E. Brooks, formerly member of congress from Colorado, and

Wrapped in parchment, packed in cartons, plainly printed

"Swift's Premium Oleomargarine"

Sold on its own merits for just what it is—a wholesome, economical food product.

Read the advertisements as they appear in the

Omaha Daily Bee.

LAND SHOW TO-DAY AUDITORIUM IOWA DAY-TODAY SPECIAL PROGRAM 8:30 P. M. "Dixie" Land Show Concert Band; Mayor Dahlman, Welcome Address; Song by Hawaiians Maurice Connolly of Dubuque, Ia., Address "Iowa;" Prof. P. G. Holden, Address, "Bigger Crops and Better Men." Woodmen of the World Night Drill teams in uniform to attend in a body. Address by the Hon. J. C. Root, "Woodcraft" Daily Amusement Features at the Land Show TWO MOVING PICTURE SHOWS—Running all the time. THE SWEET SINGERS FROM HAWAII—Every Afternoon and Evening. MISS LORA NETTIE RIETER—The World's Greatest Cornet Virtuoso—Every Afternoon and Evening. CONCERTS BY THE LAND SHOW CONCERT BAND—George Green, Director—At 2 to 3 p. m., 4 to 5:30 p. m., 7:30 to 8:30 p. m., 9:30 to 11 p. m. daily. A BEAUTIFUL IRRIGATION PANORAMA—Showing Irrigation and Power Producing Method. Realistic Indian War Dances by Twenty Sioux Braves Every Afternoon and Evening. Open Each Day 10:30 a. m. A Hundred Interesting Features to Attract You