

Making Alfalfa Hay Requires Exact Methods

(Special Information Service, U. S. Department of Agriculture.)

Valuable as alfalfa is, it has its drawbacks. It is difficult to establish in some parts of the country, especially in the eastern States. It requires careful methods of handling. It is no crop for the careless farmer; but is a very profitable one for the farmer who will take the trouble to learn how to handle it from the seeding to the feeding. One of the important things to learn is just how to make alfalfa hay, according to specialists of the United States Department of Agriculture.

Alfalfa does not cure at all readily, and good quality hay is hard to get. Especially is this true of the first cutting, which comes when heavy rains are apt to interfere with its proper curing. The bright green hay so common in the irrigated sections is almost never seen in the humid regions, due to injury from rain.

Most farmers are prone to cut their alfalfa too early. They are anxious to get more cuttings, thereby thinking to get a bigger crop. The fact is, the extra cutting is frequently made at the expense of total tonnage. The real test of the size of the season's crop is total tonnage rather than number of cuttings. Where four cuttings are possible, three usually are more desirable and more profitable. More hay is actually made for the season; and the plants are left in better condition for the winter.

The first growth usually is rank, sometimes causing the farmer to think it should be cut before it really is ready. The stage of growth is the indication for cutting rather than the size of the plants. The general rule is to cut alfalfa just as it is coming into bloom and the basal shoots are making a good start for the next crop. In eastern states, cutting earlier may injure and frequently kills the plants. Cutting later lowers the feeding value of the hay.

Methods of making alfalfa hay vary in the different sections of the country; but the basic principles are the same. The motto everywhere is: "Care alfalfa hay quickly, with as little handling and exposure to the weather as possible." Rapid curing holds the leaves on better. Less handling knocks fewer of them off. This is important because the leaves are the most nutritious part of the plant.

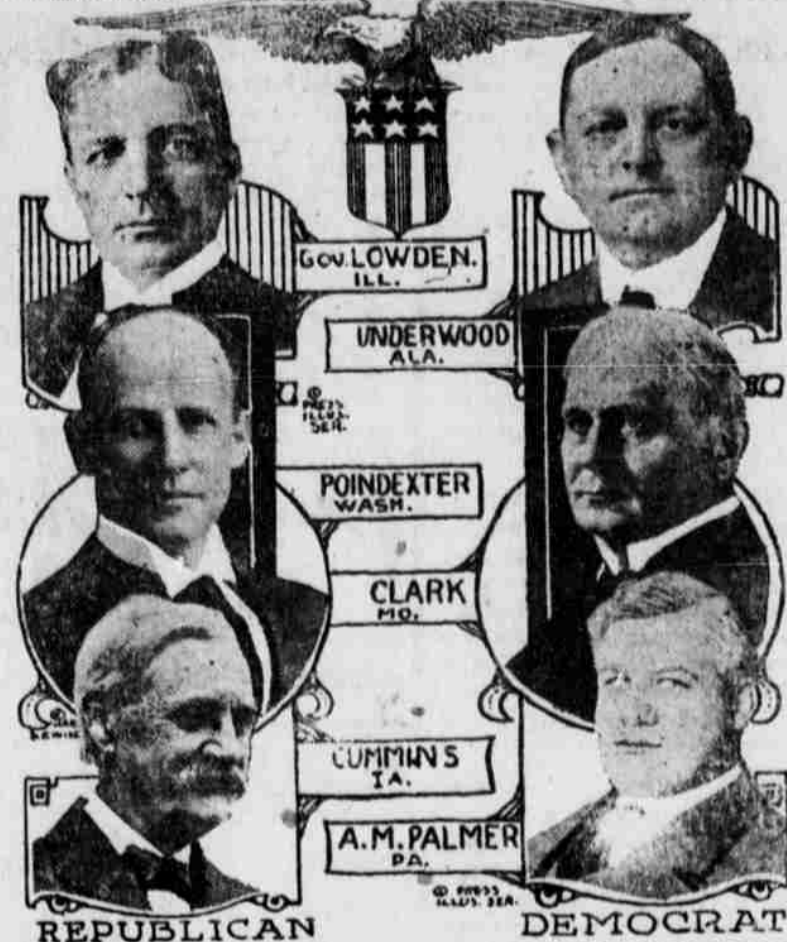
In the west where there is little rain during the haying season, the mowers are started in the morning and the hay raked into windrows the following day. The hay is then cocked or is stacked or baled direct from the windrow as soon as the hay is sufficiently cured. The raking commences as soon as the leaves are wilted, but when the stems are still green. It is cocked when the stems are "half dry." It may be stacked when moisture can no longer be twisted out of a wisp of the hay.

In the humid sections of the country the process of curing the hay is much more difficult. The cutting frequently must be delayed several days on account of bad weather. The operations and methods are practically the same as in the dry sections, except that more time is required. Hay raps and stack covers may prove necessary.

High moisture content sometimes makes it desirable to stack alfalfa hay instead of putting it in the barn. This is especially true of the first cutting. Build stacks carefully and in a shape that will expose as little of the hay to the weather as possible. Cover the tops with marsh grass, sodan grass, millet, or some other long grass that will make a good thatch. Anchor a well-made thatch with rocks to the ends of wire on top of a properly made stack, and the hay will keep almost as well as in the barn. In fact, it may keep better, on account of the likelihood of now alfalfa hay heating in the mow. Particular care must be taken at the first cutting on this account.

If the hay is put in the mow, it is well to provide for some extra ventilation, especially if its moisture content is high. This can be arranged by placing horizontally at frequent intervals ventilators made of lumber. These may be simply a framework in triangular or rectangular shapes placed in the hay as the mow is filled. Haymaking is an operation that must be done in a certain space of time that is short at best, and that is always liable to be made shorter by bad weather. For this reason there is no farm operation in which stream and efficiency count for more; and it will pay every farmer to know when and just how to make the most of his alfalfa crop.

KICKING THE PRESIDENT



Favorite sons are showing up so fast in the ranks of both parties now that the conventions before the 1920 presidential campaign promises to be full of action. Here is the final grouping of the strong contenders in both parties, all of whom will have the support of various wings and leaders in their respective booms. Poindexter of Washington, and Lowden of Illinois, have been mentioned quite frequently of late. Atty.-Gen. Palmer of Pennsylvania and Underwood of Alabama have many supporters.

OLD POSTAL RATES GO INTO EFFECT JULY 1.

The Times-Herald is informed by W. W. Gould of the post office that the old postal rates in effect prior to Nov. 2, 1917 will again be used after the first of next month. This means 2 cents for letters and 1 cent for postal cards, etc.

WORLD'S RECORD IS BROKEN BY TANLAC

Bottles Sold in Four Years Would Reach From New York To Denver, Colo.

Four years ago very few people had ever heard of Tanlac. Today it unquestionably has the largest sale of any medicine in the world, and is well known in Canada as in this country. In the brief period of only four years time this now famous remedy has leaped from obscurity to the very pinnacle of success. Its fame in fact, has long since spread beyond numerous inquiries regarding it are

now being received from many foreign countries.

Very few people, however, fully realize what a really wonderful record Tanlac has made. Indeed, if it were not for the unquestionable facts and figures given out by the largest and best known drug firms of the country the story of its success would be hard to believe.

Up to January first the total sales of Tanlac amounted to approximately twelve million bottles. The demand, however, is increasing, for during the first ten weeks of this year over one million bottles were sold and distributed in the United States and Canada the exact figure being 1,306,186 in three months.

At this rate, therefore, the sales for the present year will amount to more than five million bottles. This will mean that 17,000 bottles of Tanlac will be sold during every day of the year, or 2100 bottles for every hour of the average working day.

These figures are too stupendous for the average mind to grasp, but one may visualize what twelve mil-

lion bottles mean by imagining them laid out in single file end to end. Thus laid they would make a track of Tanlac from New York through Chicago, and on to Denver, Colorado; or they would form a double track of Tanlac from the Great Lakes to the Gulf of Mexico. Piled end on end they would tower 135 times as high as Pike's Peak, or rise 13,333 times higher than the Woolworth Building in New York, the tallest building in the world.

The demand for Tanlac has become so great that its sale instead of being measured by the gross as other preparations have been is now reckoned by the car load, and even by the train load. In proof of this it is a noteworthy fact that the leading drug jobbers everywhere now buy Tanlac almost exclusively in car load lots. To supply the Pacific coast trade alone requires from forty to fifty car loads per year—Jobbers of the Middle West are selling from seventy to eighty cars per year.

The well known drug firm of Hegald-Ellis Drug Company of Memphis, Tenn., has sold over forty car loads since the introduction of Tanlac in that state four years ago. Within the past ninety days, ten car loads of Tanlac have gone to supply the demand of British Columbia, Saskatchewan, Alberta, and Manitoba, Canada.

The Owl Drug Company of San Francisco, the largest retail druggists on the Pacific Coast state that they have sold more than 180,000 bottles at retail, which surpasses the remarkable record of the Jacobs Pharmacy Company of Atlanta, who have sold approximately 60,000 bottles at retail.

Tanlac is composed of the most beneficial roots and herbs known to science. The formula complies with all national and state pure food and health laws of both the United States and Canada; and absolute merit and merit alone is responsible for its phenomenal and unprecedented success.

Tanlac is sold in Burns by Reed Bros., and in Crane by Vale Trading Co. —Adv.

\$1500 Reward!



The Oregon, California and Nevada Live Stock Protection Association of which the undersigned is member, will give \$1,500.00 reward for evidence leading to the arrest and conviction of any party or parties stealing horses, cattle or mules belonging to any of its members.

In addition to the above, the undersigned offers the same condition \$500.00 for all horses branded horse-shod bar on both or either jaw. Brand recorded in eight counties. Range Harney, Lake and Crook counties. Horses wanted when sold. None but grown horses sold and only in large bunches. W. W. BROWN File Oregon.

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Every part and every detail of the Essex construction is of proved worth. It was designed and built by some of the foremost engineers of America, the same men whose genius produced the Super-Six. Many points of superiority in the Super-Six which have proved themselves in years of service, have been incorporated into the Essex. The engine, only twenty-nine inches long, cast in one block with detachable head, readily develops more than fifty horsepower. Long life is assured by the ample proportions of the counterbalanced crank shaft, supported by three large bearings.

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Will SOMETHING Happen to make you rich?

A rich uncle may die and leave you a roll, but few rich uncles have this habit.
If you get rich, the chances are you will first have to save enough money in order to make an investment that will pay.
There are plenty of investments for the man with a little ready cash.
But it is up to you to save cash. The best policy is to deposit a portion of your salary.
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