

Growing Timothy

Timothy ordinarily is grown in mixtures, usually with red clover or with red and alsike clovers. In the New England States and parts of New York redtop commonly is added to the mixture. Alsike clover is especially to be recommended on poorly drained soils that have a tendency to heave, as under such conditions it generally will come through the winter better than red clover. On such soils redtop can be added to good advantage. The first crop of hay is composed chiefly of clover. After the first year most of the clover disappears and the following hay crops are made up almost entirely of timothy or of timothy and redtop. In some of the irrigated valleys of the Northwest alfalfa is substituted for clover in mixture with timothy.

Seeding.
Timothy generally is sown with wheat, rye, oats or barley, which commonly are referred to as nurse crops. The first hay crop is produced, as a rule, the year after the grain crop is harvested. When seeded with spring grains the timothy seed together with the clover or grasses to be grown in mixture with it, is sown at the same time as the grain. When winter grain is used as a nurse crop either a portion or all of the timothy seed may be sown with the grain or in the spring with the clover. When sown in early spring the timothy may be broadcasted with one of the various types of hand seeders and left on the surface of the soil to be covered by alternate freezing and thawing; or seeding may be delayed until the surface of the soil has become somewhat dry, when the seed should be covered with a spike tooth harrow.

Timothy may be sown alone in the fall and a crop of hay harvested the following season. In the latitude of northern Ohio and southern New York the best results may be expected when the seed is sown from about August 25 to September 15, though an excellent stand is sometimes obtained when sown as late as October 1. If clover is to be grown with timothy, the clover seed may be sown on the field early in the spring and left on the surface of the soil to be covered by freezing and thawing.

Timothy seed always should be sown on a well compacted seed bed, otherwise the conditions will be unfavorable to the proper development of the young plants. The quantity of seed to be used will depend somewhat on the condition of the soil, but on the average from 10 to 12 pounds per acre have been found quite satisfactory. If mixed with clover, from 8 to 10 pounds of timothy and 10 pounds of red clover, or five pounds of red clover and three pounds of alsike clover are generally recommended.

Management of Timothy Meadows.
Timothy usually is grown in rotation with other crops, the timothy commonly occupying the land for two or three years during each rotation. Where there is a good stand of timothy the yields may be increased by top dressing the meadows with either farm manure or commercial fertilizers. The former may be spread on the meadow during the fall, winter, or early spring. Commercial fertilizers should be spread on the land in the spring, soon after the growth of grass has commenced. When normal prices prevail, nitrate of soda may be used alone at the rate of 100 to 200 pounds per acre, or it may be used in combination with 150 to 250 pounds per acre of acid phosphate.

Timothy meadows may be pastured to some extent after the hay crop has been harvested. When the meadow is to produce a hay crop the following year, however, care should be taken not to let the stock graze the grass very closely, and when the ground is soft animals should be kept off the meadow.

Harvesting the Hay Crop.
Timothy growing in a mixture consisting largely of red clover should be cut when the clover is in full bloom or just past full bloom. When timothy is growing alone it should be cut as soon as possible after the plants have passed the stage of full bloom.

If timothy is to be harvested for seed, it should be cut after most of the heads are mature and when the seed is beginning to shatter from the tips of the earliest spikes. It may be cut with a grain binder, shocked until cured, and thrashed with an ordinary thrashing machine. The yield of seed usually varies from about 200 to 300 pounds per acre, though larger yields are sometimes obtained. If the ripe timothy is harvested without much damage from rains, the straw has considerable feeding value.

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POINTED PARAGRAPHS FROM SPEECH OF ACCEPTANCE OF CHARLES E. HUGHES.
 It is apparent that we are shockingly unprepared.
 When we contemplate industrial and commercial conditions, we see that we are living in a fool's paradise.
 Not only have we a host of resources short of war by which to enforce our just demands, but we shall never promote our peace by being stronger in words than in deeds.
 We are neither deceived nor benumbed by abnormal conditions. We know that we are in a critical period, perhaps more critical than any period since the civil war.
 The administration utterly failed to perform its obvious duty to secure protection for the lives and property of our citizens. It is most unworthy to slur those who have investments in Mexico in order to escape a condemnation for the nonperformance of this duty.
 It is only through international co-operation giving a reasonable assurance of peace that we may hope for the limitation of armaments.
 We have determined to cut out, root and branch, monopolistic practices, but we can do this without hobbling enterprise or narrowing the scope of legitimate achievement.
 We demand a simple, business-like budget.
 I believe it is only through a responsible budget, proposed by the executive, that we shall avoid financial waste.
 We have had brave words in a series of notes, but, despite our protests, the lives of Americans have been destroyed.
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WILSON FLEXIBILITY.

We do not see why there should have been any stir in the senate over the discovery that President Wilson has completely reversed himself in the matter of the proposed child labor law. Senator Borah was able to show that Mr. Wilson described this legislation in his "Constitutional Government" as unconstitutional, an "obviously absurd extravagance," carrying the congressional power to regulate commerce beyond the "utmost boundaries of reasonable and honest inference" and making it possible, if sustained, for congress to legislate over "every particular of the industrial organization and action of the country." That, we must confess, has also been the Evening Post's view. But the Evening Post and Senator Borah are old fogies, dating back to the time when it was the custom to have fixed beliefs and principles and stick to them. The senator has evidently not read Mr. Wilson's letter in explaining his change of front on the tariff commission—that it is only a narrow man, whose mind is stupidly closed to new ideas, who does not alter his opinions. By this test Mr. Wilson is obviously one of the broadest minded men this country has ever produced, for he has changed his mind to date on the initiative, referendum, recall, woman suffrage, the tariff commission, tariff for revenue only, a permanent diplomatic service beyond politics, the merit system in the civil service, the proper place of Tammany Hall in the scheme of the universe, child labor legislation, preparedness, Bryan, a continental army—but why continue? It is a long enough list to prove that Mr. Wilson's political views are not fossilized by any fear of inconsistency.—New York Evening Post.

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Don'ts for Hunters

(The Oregon Sportsman.)

Don't drag a gun over a log, through the brush or under a fence with the muzzle pointed toward you.

Don't hunt with any one that you know to be careless. Carelessness with three and a quarter drams of powder behind and one-eighth ounce of shot is inviting St. Peter.

Keep your fingers off the trigger until you are looking down the barrel at the object you wish to shoot.

Don't load your gun until you actually get to business. At all other times it should be empty.

Don't attempt to take your gun from a vehicle muzzle end first. The same advice applies to a boat.

Don't become intoxicated while hunting. Many a man who has tried the experiment has fired his last shot.

Don't rest on the muzzle of your gun.

Don't borrow a dog or a gun or lean either.

Don't shirk doing a little more than your share of the work in camp or boat.

Don't violate the game laws. It is not only criminal but sometimes it's blamed costly.

Don't try to hog all the game. Leave a little behind for the next fellow—and for seed. As Shakespeare says, "Enough is sufficient."

Don't rest the muzzle of your gun on the ground. A gun muzzle clogged with dirt or mud is a dangerous proposition.

Keep the business end of your gun

pointed from you, but not at the other fellow.
 Don't shoot at anything you see moving in the brush or timber—until you are dead sure you know what you are shooting at.

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TRAVELER PRAISES BEND

Nebraska Man Who Visited Here Recently Says Town is Busy.

Returning to Holdrege, Nebraska, after a six weeks trip through the west, G. Abrahamson had many kind things to say of his visit in Bend, which was one of the places visited. Mr. Abrahamson spent several days here going over the mills and taking in the other sights and, incidentally subscribing to The Bulletin.

According to the Holdrege newspaper "While at Bend, Oregon, Mr. Abrahamson visited with Mr. Overturf, county commissioner, a brother of W. F. Overturf of this city. 'Bend is the busiest town I have been in for years,' said Mr. Abrahamson. 'It is a town about the size of Holdrege, but its flourishing condition is due principally to the fact that they have two large saw mills in the city, one of which covers an area of 54 acres. The payroll at both institutions amounts to over \$60,000 a month. Eight years ago this town consisted of only three or four houses and several streets of tents.'

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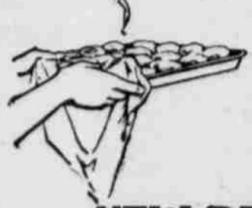
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