

Home Course In Modern Agriculture

V.—Leguminous Crops and Rotations By C. V. GREGORY, Agricultural Division, Iowa State College

AMONG the important classes of crops grown on the farm are the legumes. The soil is to the farmer what a stock of goods is to a merchant.

When clover stubble is plowed under the nitrogen which is contained in the stems and roots is added to the soil and can be used by the following crop.

A warm place for a few days. The number that germinate can be used as a guide as to the amount of seed to use per acre.

One reason why clover and alfalfa are not more popular with farmers is the difficulty of curing the hay. If it is left in the swath until dry enough to put in the mow, the leaves, which are the most valuable part, will become so brittle that many of them will be lost.

After it is cut in the spring. They are often sown in cornfields during the late cultivation to keep the weeds down and to add nitrogen to the soil.

These differences may be largely equalized by a consistent system of rotation. In planning rotations the aim should be to so distribute the crops that they will be best adapted to the condition in which the soil was left by the preceding crop.



FIG. 1.—EIGHT-MONTH-OLD ALFALFA PLANTS.

FIG. 2.—CUTTING A HEAVY GROWTH OF ALFALFA.

THE OREGON LEGISLATURE

Acts of the Twenty-fifth Oregon Legislature Presented in Concise Form.

TOTAL EXPENSE \$4,200,000

Revenue Producing Measures Enacted, Which Will Offset the Increased Appropriations.

Salem, Feb. 22.—The twenty-fifth biennial session of the legislature is a matter of history.

Such unfavorable comment has been indulged in over the numerous salary grab bills passed, which by the way affect counties and not the state, but to offset the pettiness of these bills some measures of real importance were passed.

Attempts to modify the direct primary law, particularly Statement No. 1, and the local option law were defeated. The legislature also refused to adopt Sunday blue laws, and attempts to take the state institutions from Salem were killed.

With a few minor omissions the following is a list of bills filed by Governor with the Secretary of State and which will become law:

- House Bills. 6. Dimick—For punishment of highway robbery. 7. Purdin—Increasing salary of Jackson county judge.

- Senate Bills. 4. Bailey—Trial by jury after default in damage suits. 7. Oliver—Appeal from justice court within 30 days.

- 11. Hedges—In criminal cases judgment to be a lien from date. 12. Hedges—For renewal of judgment every 10 years. 13. Nottingham—Voters absent from the state may register.

- 15. Beach—Bank deposits not drawn for seven years to escheat to the state. 16. Kellaher—Hotels and lodging-houses to have fire escapes.

Senate Bills.

- 1. Smith, Umatilla—Creation of archedan well districts. 20. Chase—Salary of treasurer of Coos county. 24. Schofield—For treatment of tuberculosis poor.

- 29. Parrish—Minors not to engage in games of chance in public resorts. 33. Smith, Umatilla—Revised military code. 37. Cole—Medical certificate prerequisite to marriage license.

- 43. Miller of Linn—For aid of Linn county fair. 47. Oliver—\$25,000 for Eastern Oregon experiment farm. 55. Multi—Thirty days' notice of estrays taken up.

- 59. Bingham—Title guarantee companies to deposit \$50,000 security. 60. Merryman—Defining a legal fence in Eastern Oregon.

Equal to the Occasion.

The author of "Across England in a Day" once stopped to examine a church in the little village of Easton.

"Why do 'ee keep 'is 'at off like that out of doors, mate?" "Cause 'e's a Quaker, o' course," replied the mate.

"If that emperor give you the order, and bow?" he asked. The old invalid drew himself up to attention.

Being pursued by a farmer and his three sons after being caught in the chicken yard, a young colored person had just made up his mind that he was not eluding his followers as quickly as he might be when a long eared jack rabbit jumped up from the roadside.

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Scorched Table Linen.

When the three men sat down the leader of the trio began a minute inspection of the tablecloth. Presently he put his finger on several little scorched spots.

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A Narrow Escape.

An old citizen tells this incident as one of the narrow escapes he had in the show business. He had trained lions, tigers, leopards, lions, you know, and all sorts of beasts, you see, but this, he says, was his narrowest escape.

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MAKE THIS ACCORDING TO THE DIRECTIONS

PREPARE AT HOME BY SHAKING INGREDIENTS WELL IN A BOTTLE.

What will appear very interesting to many people here is the article taken from a New York daily paper, giving a simple prescription, which is said to be a positive remedy for backache or kidney or bladder trouble before it reaches the stage of Bright's disease.

Fluid Extract Dandelion, one-half ounce; Compound Karsin, one ounce; Compound Syrup Sarsaparilla, three ounces. Shake well in a bottle and take in teaspoonful doses after each meal and at bedtime.

Origin of the Word "Mustard"

Our English word "mustard" is traceable to the French "mountarde," the origin of which is curiously given in 1382 Philip the Bold, duke of Burgundy, granted to the town of Dijon the privilege of bearing his armorial ensigns, with the motto "Mont me tarde" ("I wish ardently, in return for a handsome contingent of a thousand men furnished to him at his expense, blessed with the royal consent, that the authorities ordered the device to be affixed over the principal gates of the city. Time or accident at length obliterated the middle word, and the two remaining, mount, tarde, were printed on the labels which the merchants of Dijon pasted on pots in which they sent this commodity all over the world.

The Word "Wallop"

The origin of the familiar vernacular verb "to wallop" is not generally known. It comes from the family name of the earls of Portsmouth, Sir John Wallop, K. G., was admiral commander in the reign of King Henry VIII, of the fleet which avenged French raids by burning French ships and twenty-one French villages. This was called, in the current parlance of the time, "walloping" them, and the phrase passed into the language and still survives.

A Convenient Topic.

"I wonder what persuaded Mr. Bingham to believe in reincarnation." "The fact," replied Miss Cayenne, "that so few people know anything about it. It enables him to have the conversation almost entirely to himself."—Washington Star.

A Man's Birthday.

We do not know whence a man comes nor whether he goes, yet we choose his birth or death day to celebrate his recurring century. We should choose his day of achievement.—London Saturday Review.

FERRY'S SEEDS. Nobody can know every thing. To become expert means to specialize. We are specialists in producing the best horse and vegetable seeds. In 22 years we have become experts. In our Ferry's seeds and the results of our care. Best free on request. Address: D. M. FERRY & CO., DETROIT, MICH.

There's rejoicing in Fedoria, Tenn. A man's life has been saved, and now Dr. King's New Discovery is the talk of the town for curing G. V. Popper of deadly lung hemorrhages. "I could not walk or get about," he writes, and the doctors did me no good, but, after using Dr. King's New Discovery three weeks, I feel like a new man, and can do good work again." For weak, sore or diseased lungs, Coughs, Colds, Hemorrhages, Hay Fever, LaGrippe, Asthma or any Bronchial affection \$1.00. Trial bottle free. Sold and guaranteed by Jones Drug Co.