

Making the Farm Pay.

A TOAST.

Long life to the San Jose scale, say I,
A health to this excellent teacher
That taught closer pruning the trees,
say I,
Far better than wordiest preacher.

This pruning was done to get at him,
say I,
With economy, ease and dispatch,
But fruit's been improved by this
course, say I,
Since when he first started to hatch.

Then brim up our glasses with wine,
say I,
With cider or iced lemonade;
He's truly a friend in disguise, say I,
By poisonous gases betrayed.

GRASPING OPPORTUNITIES.

Blest with one of the best countries on the globe, surrounded by peace loving nations, fitted with dairy schools, agricultural colleges, traveling dairies and farmers' institutes brought to one's very doors, literature cast like leaves of a forest on the best methods of farming, blest with a good soil and pure water, these are blessings not to be thought lightly of. Intensive farming, coupled with true economy, is the greatest need of the farmer of to-day. Too much land as a rule is under cultivation by the individual farmer to give it justice. Fewer acres and more work gives best results as it takes less help, less machinery, crops can be got in the ground earlier, harvested with less loss, thereby securing best results.

Raise everything needed for the family and stock. Raising a good big garden adds to the health and happiness of the family and length of purse. Keep as many good cows as the farm will carry, feed principally on corn fodder, keep as many hogs as will use the by-products of dairy and corn, winter hogs on sugar beets. Sell all products of the farm direct to consumer; buy for cash and save discounts; offer nothing for sale but goods of faultless quality and finish, thereby keeping your reputation. Raise a good flock of turkeys, geese, ducks, chickens and if well cared for will show a good profit for time and money invested. Keep all wagons and farm implements painted and under cover. Keep account of sales and purchases, never buy things at an auction sale unless needed, and above all leave whisky and tobacco alone. Keep no secrets from your wife in your business relations, as she should be the sharer of all joys and sorrows, often a word of advice from a good wife may help to save the farm. Live at peace with all men.—[W. W. Hancock, Leeds Co, Ont.

THE ROOT LOUSE.

The root louse, so common in Va, is proving to be one of the most serious enemies to apple raising which growers have to contend with. It is especially injurious to nursery stock, and where carried on young plants into the orchard continues its work and sometimes destroys the trees during the first few years' growth. Its presence is always indicated by knots on the roots, hence is easily detected by observing persons. Nursery stock carrying this louse ought not to be planted until it is certain that all the lice have been killed, and if the roots are seriously damaged the plants should not be used at all.

The lice may be killed by dipping the nursery stock in strong soapsuds made by dissolving 1 lb soap in 4 gals water, which should be used quite warm. A still better way to kill lice is by fumigation. The nurseryman ought to fumigate with hydrocyanic acid gas all the stock that shows the slightest indication of the presence of this louse. In the past 1 1/2 yrs I have had this fumigation done with the result of absolutely clearing out this louse from all nursery stock so treated. We have made a large number of experiments in treating this louse in the field and none of them were entirely successful, but a heavy dressing of finely ground tobacco waste put around the young trees about 1 in deep and covering a radius of about 2 ft and then grubbing this into the soil is the very best thing we can recommend. If 5 lbs k'nt are used in addition to the tobacco, effect will be much more certain.

Around the Globe.

Porto Rico's civil government is established May 1, on the plan just arranged by congress, with Col Charles H. Allen of Massachusetts, who succeeded Theodore Roosevelt as secretary of the navy, for governor. The tariff law provides for duties on the products of the island, when admitted to the United States, 15 per cent of the existing tariff rates. It extends to Porto Rico the tariff rates of the United States on all imports from foreign countries, besides five cents a pound on all coffee, and it permits the introduction, free of duty, of books printed in the Spanish language, and of all books imported from the United States. It provides that the duties and taxes collected in Porto Rico shall be held as a separate fund, at the disposal of the president, to be used for the government and benefit of Porto Rico until otherwise provided by law. The civil officers appointed by the president for a four years' term are a secretary, attorney general, treasurer, auditor, commissioner of the interior, commissioner of education and five other persons to constitute an executive council.

Hawaii, according to the results of conference between the two houses of congress, is to be a territory, represented in congress by a delegate, elected by the people, who shall have a seat in the house and a right to debate, but no vote. The plan provides for a governor and other executive officers, a legislature of two branches and a judicial branch consisting of a supreme court, circuit courts and inferior courts. There is no tariff provision in the bill, as the tariff laws of the United States are extended over the island and the territory of Hawaii is specifically made "a customs district of the United States." The matter of liquor selling is left virtually to local option.

Trusts—The policy decided upon by the trust committee of the national house of representatives is as follows: A constitutional amendment giving congress full power to deal with trusts, and a new anti-trust law, making certain extensions to the Sherman act. The United States supreme court having decided that manufacture and production are no part of interstate commerce, a constitutional amendment is deemed necessary. The proposed extensions of the Sherman law include increased penalties under that law, the requirement that trust products shall be marked when shipped out of a state, the filing of reports of their business by trusts and large corporations, and the shutting of trust matter out of the mails.

From Washington—The entire elections committee of the United States senate, including democrats, republicans and populists, decided against Senator William A. Clark of Montana, after the investigation of the bribery charges.

The rapid growth of rural free delivery requires two new postal divisions, so that beginning May 1 there are four divisions as follows. The eastern, with headquarters at New York, including New England, New York, New Jersey and Pennsylvania, nine states, with Special Agent E. H. Hathaway in charge, middle division, headquarters Indianapolis, comprising Ohio and all states west to the Missouri and southern states do and including Louisiana, with F. M. Dice in charge, western division, states west of the Missouri and Iowa to the coast headquarters Denver, William E. Annin in charge, southern division, including 11 southern states, headquarters at Washington, H. Conquest Clarke in charge.

The Orange Groves in Florida are recovering from the freeze of '37. Many groves that were but slightly injured are now in bearing, while young and thrifty trees are coming forward in place of those frozen to the ground. More attention is given to protecting the trees from cold, either by large fires kept burning through the cold snaps or by covering the tree with a cheap canvas tent and keeping up the temperature by stoves or lamps. The industry, however, is not regarded with as much favor as formerly and fruit growers are not spending much for fertilizers. More dependence is now placed

upon green manuring with velvet beans or cowpeas and this treatment seems to be peculiarly congenial to the orange and accounts in large part for the rapid recovery. Green manuring is an expensive method of fertilizing, but how far it can be carried to advantage has not yet been determined. Apparently no ill results have yet been noticed from the plowing under of so much vegetable matter.

Immigration is very heavy. This year's arrivals will number probably 500,000, the bulk of them Russians, Austrians and Italians of the more illiterate class, who tend to drift into the city slums and aggravate the congestion there. A new and encouraging movement is the effort to bring some 5500 Finns to Alaska under the auspices of the Lutheran church. If the experiment proves a success the Lutherans will try to bring a large part of the population of Finland, perhaps a million souls, to our northwestern territory, thereby to escape the oppression of Russia.

Why the German Farmer Succeeds—Because he possesses two valuable traits of mind and training. His home government has taken pains to give him in the primary schools some education at least in the elements of agricultural science. He has been severely trained by practice in the art of soil preservation. He is a careful, painstaking husbandman. His sons have an ambition to become farmers. The father is on the lookout for farms near his own for his children. This creates a demand for farms, because first there is a farmer. The agricultural mind of this country must come to a better comprehension than it has had of this chain of causes for the decline or enrichment of a country. We must settle down practically and hard to the conclusion that we must commence with the child if we are going to make good farmers, for without good farmers the country will soon go to destruction. There is the highest statesmanship and love of country involved in this question. It should engage the earnest attention of the educational and political forces of the nation.—[Ex-Gov W. D. Hoard, Wis.

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