

that is desired in hay. Grass may be dried before it is cut and yet be unpalatable as food for farm animals and yield little nutriment when it is consumed. As fresh grass is in itself a nearly perfect food for live stock the hay made from grass cut when it is at its best, and cured so as to retain all the constituents of the grass, with only the loss of the water during the process, is the hay that is not only the most palatable but the most profit-

caree for should have a complete outilt of modern hay-making methers, because other work on the farm is likely specified above, allow it to wit, method is to wit at the hay short with the hadding of the hay because with the hadding of the hay because of the shortest possible the work of the shortest possible that the shortest possible the shortest possible that the shortest possible the shortest possible that the shortest consible to make a good quality of the seed is mature. Rence the proper reasonable time. It is impossible time the stage of growth at which to cut timothy for hay is immediately after shoddy of soil improvement. hay, nor can the curing be done in to cure clover hay properly during timothy for damp muggy weather. It is, however, damp muggy weather. It is, however, an easy matter to cure it in clear sunshiny weather with a fresh north or northwest wind. In fact, it is easy to cure clover hav as it should be cured breezy I proceed as follows: I start breezy I proceed as follows: I start

Good Hay at the Lowest Cost.

Haymaking is a task that must be new shoots from the root it will new shoots from the root it will fit do anything in the way of growing until it has time to start these shoots. That may be a matter of a week or ten days. In the meanwhile weeks will fight for the possession of the cure hay in good condition so as to give the best results as feed. When the weather conditions may reduce the quality and consequent value of the hay for food at home or commercial purposes, hay may be termed "dried grass," but this does not convey the meaning of all that we want or all that is desired in hay. Grass may be hay for food at home or commercial purposes, hay may be termed "dried grass," but this does not convey the meaning of all that we want or all that is desired in hay. Grass may be will not be as good for hay as it would have hear had the first crop been recutting. I always run the cutter bar of the mowing machine rather high when cutting alfalfa, as otherwise

the tedder in lifting the swath and allowing free access of the air. Unless this is done the clover is sunburned, and if the leaf structure is killed before the sap is out of the stalk it is impossible to make a good quality of hay, nor can the curing be done in

the atmosphere is very dry with sunshine and any kind of a breeze. The problem, therefore, is to keep the clover so loose during the curing process that it is quickly converted into hay by the evaporation of the moist-ure through the leaf and before it. ure through the leaf and before the machine before I think there is half leaf structure is destroyed by the hot one or two leafs of her there is the structure is the structure is destroyed by the hot one or two leafs of her there is the structure. sun. With favorable weather clover in the condition above described can be cut one evening, tedded or put in small windrows before dinner the following day, and hauled during the afternoon.

Where one has only a few acres of clover probably the best method of hardline is to cut it to be the total condition. Then about noon I start the rake and about an bour later cert. Where one has only a few acres of clover probably the best method of handling is to cut it and allow it to wilt, put it in small piles, then cover it with hay caps and let it go through the sweating process in the piles.

I begin cutting my first crop of alfalfa when it is about one-fourth in bloom. When the time for harvesting elfalfa approaches it begins to prepare the head and mowed away without any make that a spread of throwing out buds near the ot, thus forming a crown. If the falfa is cut before it has prepared well as the grass it is made from.

The head and mowed away without any make of fee out in the winter bright green in color and it will be worth as much to feed and the stock will relish it almost as well as the grass it is made from.

All

H0.050 of pigs during the year it; is sible at times to allow her to the pigs herself. Ordinarily, ir, it is better to see that the re independent of their mother m nine to ten weeks of age. Rethe amount of feed allowed the uce the amount of feed allowed the mother and remove the pigs to other

Under the cow-testing plan conducted by the Dairy Branch of the Dominion Department of Agriculture there was a great increase last year in the entire country of the nur of herds and cows tested, of the test-ing centres established, and of the total tests made. What is more important is that advance is indicated in the average production both of milk when cutting alfalfa, as otherwise the most palatable but the most profitable as feed.

The man who operates a large farm and who has a good deal of hay to care for should have a complete outfit of modern hay-making machinery, because other work on the farm is likely to interfere with the handling of the hay crop and haying must be done in the shortest possible time. The small piles, then cover with caps the provinces last year compared with the preceding year. New Brunswick fell away a little, and the Saskat-chewan Department of Agriculture undertook the operation of the entire system in that province. In Manitoba, the shortest possible time. The small piles, then cover with caps and left it stand for a few days. Then on a clear day remove the caps, open and fat. The report on the subject

Low-analysis fertilizers are

Parents as Educators

# Smoke The Tobacco of Quality 1/2 LB. TINS-and in p'k'gs.

# Transplanting June Grass.

Many times June grass will die out on small portions of a lawn and it is difficult to reseed these poor places. Some people have resodded these poor spots, others have attempted to reseed Neither way is very satisfactory. spots, others have attempted to re-seed Neither way is very satisfactory The resodding always shows plainly in the old lawn, more like a patch on

Tobacco dust will get rid of red ants that are so trouble that are so troublesome in orchards initial cost of dusting outnit is two-and gardens. He the dirt away from thirds that of a sprayer, the cost of both in the control of fungous diseases the roots of the trees, sprinkle a few upkeep is less, the gasoline used is spoonfuls of dust around on the top less and the duster is a longer-lived

# What Dusting Will Do

# A Summary of Tests in Fruit Pest Control

acres of crchard, but that they could responsible for delays due to not with one liquid spray outfit do valves, blowouts, etc., which full justice to more than twenty-five ly occur with high-pressure

care of sixty acres of orchard in one season, and if dusting is equal in pest control to spraying, the change to dusting would have the effect of interests of every individual to dusting would have the effect of increasing the economical unit of fruit orchards and make cultivating the limiting factor in determining the maximum area that one team, two men and equipment could care for, or the economical unit for fruit production. But the tractor, especially the lighter types, has come to the aid of the fruit grower, by supplying this limit-ed cultivation factor, which performs, more economically, an increased am-

dusting outfit is capable of treating from five to ten times as much orchard

tions. Owing to the rapidity of application the grower can time his applications to better suit the weather Owing to the rapidity of apand the stage of the fruit.

tions, such as immediately following of four per cent. metallic copper and one and a quarter per cent. metallic best of weather

trid of red ants trid of red ants initial cost of dusting outfit is two-initial cost of dusting outfit is two-

It is generally conceded that two men and a team can prune, cultivate and fertilize more than twenty-five tice is a reliable machine and is not approximately than the state of the state o

acres. The limiting factor of an economical unit is therefore the spray rig.

A dusting outfit can easily take

A dusting outfit can easily take

The limiting factor of an error of orchard in one

ount of work than men and teams can per cent. on worms, and 22.2 per past been the reputation of sulphur dust; it might be best to enumerate some of the advantages, questionable points and disadvantages of dusting. The advantages of dusting that are the advantages of dusting that are sprayed; worms, four period of manager and fruit, 74.4 per cent, of manager and the min sprayed.

These figures refer to the 90-10 st from five to ten times as much orchard or vineyard as a spraying outfit in a given time.

2. More suitable timing of applications. Owing to the rapidity of applications. superior in insect control and in to number of sound apples.

At the Nova Scotia Experiment Staand the stage of the fruit.

3. Less waste time. Dusting operations should be done during weather unfit for most agricultural field operation.

E. Sanders. This is in the proportion. tion during the past three years, conquarter per cent. metall while spraying operations require the arsenic which has been demonstrated as effective as the 90-10 sulphur lead

shoddy of soil improvement.

The alfalfa enthusiast should keep his plow-points sharp.

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The alfalfa enthusiast should keep his plow-points with dust and operators on it does not weigh more than one-third the weight of dusting apparatus. A dusting outfit with dust and operators on it does not weigh more than one-third the weight of a spraying in all controls, save those operators on it does not weigh more than one-third the weight of dusting apparatus. A dusting outfit with dust and operators on it does not weigh more than one-third the weight of application and amount of acceptance with the weight of dusting apparatus. A dusting outfit with dust and operators on it does not weigh more than one-third the weight of a spraying in all controls, save those spraying in all over hills and over wet ground where of acreage that one outfit can handle a sprayer would mire.

## Rules for Feeding Dairy Cattle.

The Dominion Animal Husbandman menacing disease surely fewer childer would enter the kindergarten with trembling.

Most kindergarten or primary teachers have at some time felt the times when he could have gularly both as to the hours of feed be an easy way. I demonstrate the times when he could have gularly both as to the hours of feed be an easy way. I demonstrate the times when he could have gularly both as to the hours of feed be an easy way. I demonstrate the times when he could have gularly both as to the hours of feed be an easy way. I demonstrate the times when he could have gularly both as to the hours of feed be an easy way. I demonstrate the times when he could have gularly both as to the hours of feed be an easy way. I demon with trembling.

Most kindergarten or primary teachers have at some time felt the pang of seeing a child show fear. Frequently a teacher wonders why she does not win the whole-hearted, loving the consequences of such a changes in feeds are liable to cause course. A few days are I saw a child not only a loss in gains or production till they were

the sead and mowed away without any serior of even on it. The hay will come a frozeneen to the forwing out buds near the control of the serior of even on the winter bright as much to feed and the stock will relich it almost as and it will be worth as much to feed and the stock will relich it almost as the children with stock will relich the stock will relich it almost as the child will relich the stock will relich it almost as the stock will relich it almost as the stock will relich it almost as the child will relich the worth of prain and unusually it was impossible to actuated will dispose the case as as he had worked relicit the thereli it on the will relich the child the purpose will relicate the worker

birchen twigs."-Montaigue.

## THE CHILDREN'S HO

that sudden had thirty eggs which

left as a profit. I intende stead.



Keeping in mind that the first year uable.

Fear a Menace to Children—By Bertha Mason It is surprising how many children would "obey," not seeming to consider It is surprising how many children would "obey," not seeming to consider leave their homes to enter into a larger social sphere with fear instilled into their thoughts. If all mothers that submission is not always discipmental Farm circulars three very coninto their thoughts. If all mothers the child's effort to see resulted in an dairy cattle. The first is: Never overcould realize that fear is a most inevitable nervous strain. Through feed; the second: Feed according to solved to make some managing disease surely fewer chilfear of consequences if he answered the individual needs and desires of thought that keeping chicken

quently a teacher wonders why she does not win the whole-hearted, loving response which most children so readily give to the efforts of a sympathetic friend. No child can give his best attention when there is present a dread of what might happen if he makes a mistake. Be that sensation of fear ever so vague it will check ready expression of thoughts and re-curately diagnose her case as she had contend with consequences of such a changes in feeds are liable to cause of my mother, I could he til they were hatched. Honest about promising to eggs my brother sugge hush the doctor will grab your cular with suggested treatment and which I did.

When they hatch were healthy and related to the circular with suggested treatment and which I did.

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"til" in fertilizer was a real benefactor.

Tuition often brings better judgment than intuition but both are valuable.

The man who succeeded in putting ed upon the child's mother. During the conversation the mother said, "We want him to mind and we told him you would almost beat him to death if he didn't. I think he believes us, too."

She seemed quite proud that her boy right and laws of society.

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