THE CUTTING-BOX ON DANISH FARMS

BY F. M. CHR ISTENSEN.

There isn't a farm in Denmark, I bonder (farmer) takes in salvaging suppose, without its cutting-box. It all fedder plants, feeding roots, etc. is as common as the portable hand. I know from my own experience, corn-sheller used to be in the corn spread over many years, that the Dan-

with threshed grain.

All straw is housed. Fodder is too Sugar-beets are not so good a root highly valued to expose it to the elements, so you never see hay and straw they are good, and are great yielders, stacks outdoors. During the winter and the roots leave the ground in fine all the straw and some of the hay are condition for other crops. I feel cerrun through the cutting-box. They tain, after watching the Danish farm-

ways mixed with the grain-oats, bar-culture. The farmers seem never to ley, wheat, etc. These grains are also be off the land but are forever harrowmilled before being mixed with the ing and rolling and hoeing. chopped straw, and then to this is Variety in feeding is too often over-added chopped roots of some kind, looked, and here is another of the Dansuch as carrots or mangels.

mangels. Cows and horses relish them clusively, but mixed with grain and and never leave a mouthful in their chopped straw and fed with some good boxes. This insures the use of a large hay they give excellent results. quantity of straw, which gives bulk to The Danes have no silos—they feed months in the year, and that all the green grass and oilmeal. rest of the year the cattle are stall-fed, Potatoes are fed, too. They are cut, reason for the meticulous care the like them.

districts, when I was a youngster. ish practices are profitable. It is al-The Dane has made an exhaustive most immaterial what kind of fruit or study of animal feeding, and he is roots you feed-the thing is to feed sure it pays to prepare the fodder be- them; every man can grow the kind fore it is fed. So in the late summer his ground will best produce. The fruit and early fall when harvest is on he and roots must be properly housed, runs his sheaves of grain through the and if you can take the chill off the cutting-box, and the cuttings are fed fruit and roots before feeding, so much the better.

believe the cut food is easier handled ers preparing their ground and seedby the stock and thus easier digested. ing it, that their intensive cultivation A portion of chopped straw is al- accounts for their prosperous agri-

ish farmer's strong points. Of course, The Danes grow lots of roots and no same person will feed roots ex-

the food and is in itself an aid to di- roots instead of silage. Good roots gestion. When one considers that the have a highly beneficial effect upon the cows are "on grass" only two or three bowels; the Danes think roots equal

and that the little kingdom is world- to make sure an animal will not choke. known for her dairying, there is good They are very nutritious and cows

Frozen Apples.

In many of our best apple-growing Any properly managed flock of know what should be done.

solution, and one should consult the weeks at least. This would require a tailored appearance by the introduction from God. In Deut. 34:9 it is "the of the Hittites and the river Euphrates in the north was not reached until the solution, and one should consult the weeks at least. This would require a landred appearance by the introduction of the pasture into at least tion of a flared panel at each side, spirit of wisdom." Compare Isaiah in the north, was not reached until the reigns of David and Solomon.

"There divisions with a and a sash bow, chic, and very much 11:2 and Dan. 6:3. It is as though reigns of David and Solomon."

"There shall not any man." Compare the little and the reigns of David and Solomon. past years, and attempt to get the ap- changing of the flock every two weeks of the moment. Novely is introduced the Lord said, "He is a man of ability ples in before that date. But there is would probably be best if practicable. in the tie collar and the sleeves are of and energy, which gifts are bestowed pare the words of Moses in Deut. 7:

The process of quickly building up bishon games. No 1491 is few misses on him by God." size and color—both of them very important matters and doubtless worth ing" and has a very definite bearing requires 4 yards 39-inch figured many large weeds, it is a good plant and appointment to an important of the exhortations in vs. 5-7, are under sod mulch, or if there are under sod mulch, or if the interest and doubtless worth in a solution are under sod mulch, or if the interest are under sod mulch, or

Apple tissue begins to freeze at ewes are settled and on the percentage color. Zo cents.

shout 29 degrees Fahrenheit, but it of the forthcoming lamb crop.

Our Fashion Book, illustrating the the successor of Moses. In 8:10 the law (v. 7), is, most probably, for rabbits and mice, which are a newest and most practical styles, will be is now chosen and ordained to be the successor of Moses. In 8:10 the law (v. 7), is, most probably, for rabbits and mice, which are a newest and most practical styles, will be in the successor of Moses. In 8:10 the law (v. 7), is, most probably, for rabbits and mice, which are a newest and most practical styles, will be in the successor of Moses. In 8:10 the law (v. 7), is, most probably, for rabbits and mice, which are a newest and most practical styles, will be in the successor of Moses. lower than that before the tissues are lected for turning in the ram, the ewest and most practical styles, will be of interest to every home dressfrozen to death, and when this point should be gotten into flush feed as outis not reached the tissues will thaw lined. They will breed much more the copy.

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Is not reached the tissues will that lined. They will breed much more the copy. and will apparently resume their nor-centage. The lambs mal functions. This accounts for the stronger. fact that the autumn period during After weaming the lambs and going owed by bright days, does not injure average farm flock is in rather low the apples on the trees in the least, condition. Too often they are neglectbut on the contrary gives the best ed at this time and allowed to remain Wilson Publishing Co., 73 West Ado-

we may regard as an alarming extent, is insufficient feed in the pasture they either on the trees or after picking, should be gotten into some forage crop they should not be moved nor touched or stubble feed or second-growth in any way until they thaw out again. clover or mixed grasses. Early-sown The natural thing to do, if apples rye, waste cabbage, and so forth, are is not so difficult as is the problem of mands, as arise out of his own wishave stood in barrels out in the orch- excellent for late-fall use in this con- storing it for the winter. A simple dom and long experience. is to hust'e them into storage. Or A flock properly conditioned at this successful is as follows: is to hustle them into storage. Or A flock properly conditioned at this if they were frozen on the trees during the night one feels like getting at the picking just as soon as possible the picking just as soon as possible thin. A flock of sheep coming off pastory will require a lot of grain it will be a lot of gr the next morning. Don't do either, ture poor will require a lot of grain it will remain at a cool, constant temfor if you do injury is sure to result. and take a good part of the winter to perature throughout the winter and showing how he carried them into order that they may continue to lay then hustle then as fast as you like. Early-sown rye makes an excellent transplanting, which will be before II. THE DIVINE CHARGE AND COMMIS-The least pressure on the frozen tis- late-fall feed. The sheep will do an heavy frosts and freezes, lift the sues in picking or the most careful excellent job in clearing out the fence stalks carefully, being sure to let some handling of frozen stuff in barrels or rows and cleaning up the wastes from earth cling to the root systems. Handle God spoke to men in those days does boxes is sure to result in permanent cabbages, turnips, mange's and almost the plants only when they are com- not always appear. It might have been

Grinding Dairy Feed.

Does it pay to grind feed? That is the question that often stands before a farmer who wants to feed his animals economically. Experienced farmers tell us that it always pays to grind feeds for dairy cows and brood sows, thought of as a consumer of roughage. It is not at all necessary to grind it is suggested by experiments that grind their own feed.

grinding you would increase its feed- months. ing value to \$34.50.

grind feeds unless they are very hard as a substitute for winter green feed. or high-priced.

Hulled Corn.

the hands to remove the hulls. If all tuents for chickens. the hulls do not come off, put it into of water. Allow it to boil in two waters seeds are just beginning to form in the the first water after it has boiled ten should have been carefully cured withuntil tender, and serve like hominy. | bright green color.

Fall Pastures for Sheep.

regions there is always the possibility sheep is well conditioned during the that severe freezing weather will pasture season. This may be easily arrive before the crop is all under accomplished by providing ample pascover, and it is a real problem to ture, which is usually considered more efficient if so arranged that the sheep Prevention is, of course, the best may be alternated every two or three

ing a little longer in order to get more the breeding flock in the late summer and small women and is in sizes 16, Apple tissue begins to freeze at ewes are settled and on the percentage color. 20 cents.

out again when the temperature rises promptly and lamb out a larger per- HOW TO ORDER PATTERNS.

we get sharp, frosty nights, fol- through the hot summer months, the possible conditions for their coloring in a short pasture as late as possible. This is one of the most serious mis-When apples become frozen to what takes in flock management. If there

Feeding Hay to Hens:

Although the hen is not often

There is a saving of 15 per cent. Granting that green feed or its equiwhen feeds fed to dairy cows are valent is one of the most vital parts ground. In this manner you can in- of the ration for chickens, it must be crease the feeding value of 2,000 remembered that this particular part more satisfactory.—A. R. pounds of grain to 2,300 pounds by of the diet is one which many poultry grinding. Suppose this grain is keepers find very great difficulty in worth thirty dollars a ton; then by providing, especially during the winter

In the tests a falfa, red-clover and In case of steers it does not pay to soy-bean hay all proved satisfactory It is recommended that the hay be cut a wire netting basket feeder and kept before the birds all the time.

Place two quarts of shalled corn It is pointed out that, regardless of atus in a kettle, cover with cold water, be made from the immature plant so

It is suggested that in the case of warm water, add one teaspoonful of alfalfa and clover second or third cutsaleratus, boil 30 minutes, then rub tings will usually be best, whereas again. Wash the corn well in plenty soy-bean hay should be cut when the when cooking it to serve, pouring off pods. To be of highest quality the hay minutes. Cook in the second water out getting wet so that it will have a



FULNESS FINDS ITSELF AT THE SIDES.

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Celery in Winter.

garden, the problem of growing ceiery tions in his high duties, and such com- that to obedience to God's just and method that I have found entirely "Thou shalt put of thine nonor upon him." Moses is to put upon Joshua

any similar crop, and, if allowed to do pletely dry. Set in the sand in the hy the mouth of a prophet or priest, tions about the importance of finishthis, are sure to put on flesh and go tub. The stalks may be set as close as or by divine reveletion within a man's ing the broilers and roasters for mar-

in enough water to wet the sand, but this time is described as "in the plains do not flood the roots. Great care of Moab beyond Jordan by Jericho" should be taken not to wet the leaves (Num. 22:1 and 33:48-49; Deut. 1:1) of the celery, or molding may result. They were now, under Joshua's leader-It is not at all necessary to grind it is suggested by experiments that feeds for calves and pigs, because it legume hays may come to form an is better for the younger animals to legume hays may come to form an essential part of the ration for laying have legume hays may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have may come to form an essential part of the ration for laying have legume have legume have may come to form an essential part of the ration for laying have legume have Packed in this way in a cool cellar, countries of western Palestine. For celery will keep perfectly and will the promise to Moses referred to in blanch beautifully. Some growers use v. 3, see Deut. 11:24-25, and for the loam instead of sand, but I find sand boundaries of the new land described

rage . . . for the Lord hou goest-Joshua 1: 9.

as the commander of the fighting men were cut, so it was double, opening little lunches, just enough for two, in of Israel in the battle with the Amale- like a booklet. Inside, behind the feakites at Rephidin (Exod. 17:8-9). He tures, the lines of the verse were and-black paper. There were sandwas one of the twelve spies sent from written: Kadesh, and represented the tribe of Ephraim, of which he was one of the chieftains or princes (Num. 13:2, 8, And enjoy Tomfoelery plus, You're the one that we want for our for bold and courageous action, as against the timidity and hesitation of the other spies (Num. 14: 6-10, 30, 38). He became the trusted friend

conquest of western Palestine; (2) the trees. Chs. 13 to 21, the division of the land The Brown the land and his descendants, and the book of Joshua records in detail the fulfilment of that promise.

"A man in whom is the spirit." The

on the promptness with which the terial, and ½ yard 36-inch contrasting by long years of faithful service and hortation to his son Solomon in 1 scythe. This not only adds to looks, by for the fortherming lamb are a lamb of the children of Israe." In Gen. 48: by many scholars that this book, as it much damage was done locally by

> Eleazar the priest, and before all the year 621 B.C. The laws of Moses were congregation that his appointment thus preserved from the time of vent such damage. Tree guards are laide St., Toronto. Patterns sent by congregation, that his appointment Joshua onward, and continued to exermay have the sanction of the ministers cise a powerful influence upon the life a full bag of bunnies each day the of religion, whom Eleazar represents, of Israel right down to the time of season is open. and may have the consent of the peo- Christ. pie. Moses is to "give him a charge The exhortation—"Be strong and of For the average man with a home in their sight," that is, such instruc- a good courage," is inseparable from and sometimes gnaw the roots. These

SION, Josh. 1:1-9.

Using a pipe for a long funnel, pour 35. The position of the Israelites at in v. 4, see also Exod. 23:31, and, in

FOR HOME AND COUNTRY

Growth of the Ontario Women's Institutes.

The Women's Institutes of Ontario may be most useful to the various should involve almost the entire elimbring about complete eradication. continue to make excellent progress localities, to inspire and be inspired ination of a growing mash, feeding the Blue ointment is a mercuric ointin half-inch lengths and then put into under the guidance of their able Sup-by each other to another year of good birds largely on a cracked-grain ra- ment made by mixing equal parts of erintendent Mr. George A. Putnam, work.

head of the Institutes Branch of the The following is the list of dates corn and one of wheat; or if it is particle of this ointment about the Dept. of Agriculture, and the Assist- and places for this year's conventions, desired to continue them on a mash size of a pea should be rubbed thorand four leve! tablespoonfuls of saler- the kind of hay, it is necessary that it ant Superintendent, Miss Ethei Chap- as announced by the Superintendent: ration, the meat scrap should be enman, who is in charge of the Juntor New Liskeard (Timiskaming), Oct. 6- tirely eliminated from the mash and vent, taking care that it is rubbed and boil for one hour. Remove from that it will carry a large proportion Institutes. Increasingly sound lines in 7; Huntsville (Parry Sound, Muskoka, the concentrated protein which they thoroughly in the skin and not allowed the fire, pour off the water and pour of leafy material. It is the leafy porthe science of founding a great nation Nipissing), Oct. 12-13; Fort William consume be limited to a small quantity to remain on the feathers. Parting by means of its homes are being em- (Thunder Bay, Rainy River, and Ken- of milk or milk products. phasized, and the appreciation and ora), Act. 12-13; Silver Water (Maniresponse in growth of numbers is a toulin Island), Oct. 15; Sault Ste. most gratifying result. Over one Marie (Algoma and St. Joseph Isthousand branches now have a mem- land), Oct. 19-20; Belleville (Northbership of thirty-five thousand umberland, Hastings, Prince Edthroughout rural Ontario.

mand for Area Conventions, nine be ern Ontario), Nov. 9-10-11; Toronto ing necessary this year where twelve (central Ontario), Nov. 16-17-18. A years ago one sufficed. Here the mem- list of very able speakers, authorities a purposes, do not hang them in dusty Sweet clover contains more nitro
I soften paint brushes in boiling ment heads to hear reports from contribute to the interest of these leaves in glass jars, label them, and two coats on the wing. The same

hroughout rural Ontario. (ward), Oct. 26-27; Ottawa (eastern Another result is the growing de-Ontario), Nov. 2-3-4; London (west-

AN INDOOR PICNIC FOR HALLOWETE

BY JANE HEMMINGWAY.

Now wouldn't you just know that testant to the tug of war until every you were in for a ro.licking good time one had tried it. if you were invited to a Hallowe'on hung on strings all over the roomparty by a girl like Isabel Lennap, from the mantel, from the portions who has a knack for planning the pole between the hall and the sitting THE DESIGNATION OF JOSHUA AS jolliest parties. Last Hallowe'en she room, from the stair railing. When MORRS' SUCCESSOR, Num. 28:18- sent out her invitation on yellow card. the signal was given, everyone tried board cut round like a pumpkin, with to see who could eat his apple first II. THE DIVINE CHARGE AND COMMIS-holes cut in it to represent a jack-o-sion, Josh. 1:1-9. Without his hands, which were head! INTRODUCTION Joshua appears first folded at the side before the circles

> wiches, pickles, little apple turnovers, a square of gingerbread and some cheese. The boxes were given to the boys and each girl received a talk You're the one that we want for our

party

To picnic indoors with us. The Lennap living room had been hats, and the girl whose hat bore the and "minister" of Moses, and so was arranged to look as much as possible, same number as a certain boy's box prepared in an especial way to be his like a mysterious forest. Several shared his lunch. A huge white cloth successor. See Exod. 24:13; 32:17; trees had been cut and fastened to was spread down on the floor, picnic 32:11; Num. 11:28; Deut. 1:38. The standards, Christmas-tree fashion, and fashion. Lemonade was laded from writer of Deuteronomy says of him were placed here and there; plants a big kettle, over which Isabel's small that he "was full of the spirit of wis-were set about on the floor, and there brother presided in a witch's cloak and dom, for Moses had laid his hands upon him, and the children of Israel hearkened unto him" (34:9). See also Deut. 31:7-8, 14, 23. He is sometimes for the moon. Owls and bats cut from fastened to the hat.

After support the cloth was removed. called Hoshea, as in Deut. 32:44. The black paper were perched on the After supper the cloth was removed. date of his accession to power as the boughs of the trees and hung from the a pan of witch's fire was placed in the

MOSES' SUCCESSOR, Num. 27:18-20. chose sides and each side sent a con-was and why it happened.

"There shall not any man." Com-

Write your name and address plainly, giving number and size of six h

ied the patriarch's solemn blessing of
his grandsons. In the New Tests
ment it is the apostolic rite of ordinastamps or coin (coin preferred; wrap
it carefully) for each number and
address your order to Pattern Dept.

Id, the taying on of hands accompanied the patriarch's solemn blessing of
his grandsons. In the New Tests
ment it is the apostolic rite of ordination to the Christian ministry and so
century B.C., and that it was this book
of the law which was found in the
lower limbs, and then strip
of the law which was found in the
lower limbs, and then strip
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lower limbs, and then strip
of the law and speeches of
inches through. Where the snow driftthe patriarch's solemn blessing of
his grandsons. In the New Tests
ment it is the apostolic rite of ordination to the Christian ministry and so
to the law and speeches of
the patriarch's solemn blessing of
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the patriarch's solemn blessing of
his grandsons. In the New Tests
ment it is the apostolic rite of ordinath

righteous laws, and from the great assurance, "The Lord thy God is with thee whithersoever thou goest."

well throughout the summer and fall of next season it is important that they be placed in the most efficient condition just previous to maturity.

We hear a lot of advice and suggesinto winter quarters in shape to winter economically and with satisfaction and profit to the owner.

The stakes may be set as close as own mind and heart.

"Go over this Jordan." The story of pullets be finished in much the same stored away in a small container.

Using a nine for a large stakes may be set as close as own mind and heart.

"Go over this Jordan." The story of pullets be finished in much the same the conquest of the eastern side of way by a special method of feeding.

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"Go over this Jordan." The story of pullets be finished in much the same the conquest of the eastern side of way by a special method of feeding. During the previous months the growing pullets on range have been receiving a well-balanced growing ration, containing meat scrap, milk, cracked and whole grains and grain

The quantity of concentrated protein feed should be greatly reduced. This practice will slow up or retard the sexual development, but will enable them to put on an additional halfpound or so of body weight. It will

Corn-Song.

Heap high the golden corn! No richer gift has Autumn poured

From out her lavish horn! -John G. Whittier.

When you gather herbs for medicinm and minerals than a falfa, but the strong-soap water, when nothing else branches, committees and depart conventions and all sessions will be seal to exclude dust and preserve qualmethod can be used on disk harrows,
will soften them.—F. W.
ments, to discuss what has been or interspersed with music.
ity of leaves.

box was numbered and so were the

For refreshments Isabel had packe

witch's hat, made of orange paper

trimmed with black paper bands. Each

successor of Moses is not certainly ceiling on invisible threads, so it centre of the room, all the lights were known, but is commonly held to be looked as though thy were in full turned out except the "moon" and the shortly after 1200 B.C. flight. Now and then a black cat with weird green fire in the centre of the The book of Joshua, it can readily orange eyes, cut from the same black circle, and everyone had to take up be seen, is made up of three parts:

orange eyes, cut from the same black circle, and everyone had to take up a cardboard, was seen lurking behind a ghost story which Isabet herself.

started. Every few minutes a strange The Broomstick Tug-of-War was and eerie noise was heard from some between the tribes; (3) Chs. 22-24, the great fun. A small pumpkin was corner of the room—a shriek, a last days of Joshua. The earlier books placed in the centre of the floor and whistle, a gurgling, an alarm clock, a of the Old Testament history tell of two players were stationed at equal cowbell. Kid brother was again called the promise of the land to Abraham distance from it, with a broomstick into action for this. Whenever a noise between them. At the signal, each one occurred the person next in the row pulled and the girl that pulled her op- had to go on with the story, incorpor-I. THE DESIGNATION OF JOSHUA AS ponent past the pumpkin won. They ating the noise heard, telling what it

The Orchard Clean-Up.

After harvest and before the ground freezes, the careful orchardist has an interval in which to prepare his trees for winter.

In the apple orchard, if the trees

The orchardist can do little to pre-

The short-tailed meadow mice and can be controlled by grubbing all sods. leaves and trash away from a space three feet all around the trunk, and molding up with fresh dirt around the base of the tree. Small trees can be protected by wire tree guards. I have seen newly set trees protected by tying three or four cornstalks around

the trunk. Where mice are bad they can be poisoned. Grain-wheat or oats-is slightly moistened and strychnine dusted on, after which melted paraffin is stirred in, just enough to waterproof each grain. The poisoned material is distributed about the orchard in old tin cans or drain tile, laid on the side, to keep the bait away from

It is a good plan to do a little pruning before winter sets in, and leave the trimmings on the ground. Mice and rabbits like the tender bark and buds better than the bark of the

Mice and rabbits do not commonly attack peach trees, yet in severe winters they sometimes do considerable damage, which a good clean-up may

Blue Ointment for Lice.

When the pullets are placed in the increase the intensity of the yellow laying quarters one of the most impigment in their shanks and beaks, as portant steps to perform in treating a result of which they will stand up the birds for body lice. Blue ointment better under forced feeding for pro- carefully applied when the pullets are duction. Such a finishing process housed and again in the spring will

the feathers with the thumb and forefinger with one hand and applying the cintment with the forefinger of the Heap high the farmer's wintry hoard! other hand will insure its proper application. It is the case of a stitch in time saves nine.

> To prevent rust on plows after getting entirely through with them after the season's work, varnish the wing