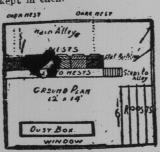
POOR DOCUMENT

THE SEMI-WERKLY TELEGRAPH, ST. JOHN, N. B., DECEMBER 2. 1899.

CHEAP POULTRY HOUSE.

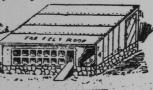
It Is Not Pulatial by Any Means, But Plenty Good Enough for Ordimary Purpeses.

This building, designed for about 25 hens, could also be built in with the main alley runduplicate ing the whole length of the connected buildings and in front of the different sections, about 25 hens to be kept in each.



INSIDE VIEW.

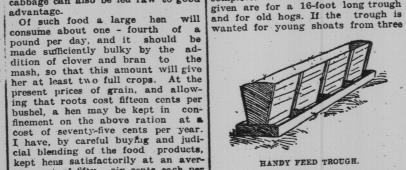
It is intended to be built of rough hemlock, the price of which is based at ten dollars per 1,000 feet, al-though I have bought at six dollars, but it is my purpose not to underes-timate. I have just finished a simi-lar poultry house of mill slobe lar poultry house of mill slabs doubled, with a snace between doubled, with a space between, which was packed with straw, and battened with slabs. The ground pace was filled up with loose stone thrown in until on a level with the bottom of the sills, and then dirt was spread over the stone and tamped down hard. This filling is cheap and the stone allows the moisture to go through and the dirt floor is always dry. However, if a board



HANDY FEED TROUGH. WHAT IT COSTS TO KEEP A HEN. Hogs Cannot Drop Anything Into It, L. E. Keyser Belates Seme of Mis Very Neither Can They Get Their

Interesting Experiences, Interesting Experiences.Neither Cas They Get TheirDirty Feet is 1t.and purchases his feed from the
grocer the expense nearly, if not
quite, equals the value of the eggs
produced. In scientific, systematic,
and economical feeding lies the pro-
the in the poultry business, whether
we are feeding for meat or eggs.
To produce a ration that will carry
a flock through the year, and at the
smallest possible expense, requires
consumed by their flock has really
cost, or what its nutritive value
has been.Neither Cas They Get Their
Dirty Feet is It.A ration for laying hens shouldNeither Cas They Get Their
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a flock through the year, and at the
smallest possible expense, requires
consumed by their flock has really
cost, or what its nutritive value
has been.Neither Cas They Get Their
Dirty Feet is It.
The feeding trough which I use is
of different lengths, according to the
end of different lengths, according to the
end of different lengths, according to the
number of hogs in each pen. I make
them 8, 12 and 16 feet long. The
proved planks. On the top of these
planks I spike five pieces 2 by 4,
20 inches long, "equal distance
apart." These are set on edge (not
flat), but before I spike them on I
cut a little on the slant.
Then I spike one 2 by 4 on each
side of this cut a 21 inches long. This
2 by 4 is also nailed to the bot-
a mart

cost, or what its nutritive value has been. A ration for laying hens should contain a considerable variety of grains, grasses and roots to tempt their appetites, and should be rich in egg-forming properties, the nu-tritive ration being about one to four. This can be produced with cut clover, bran, corn-meal and mid-lings for a morning mash, and whole grain—corn, wheat, buckwheat and be obtained—for the evening meal, with the addition of raw cut bone twice a week. Beets, carrots, and simial potatoes cooked and added to the mash will greatly increase its appetizing qualities and somewhat lessen the cost. Beets, carrots and cabbage can also be fed raw to good advantage. D f such food a large hen will consume about one - fourth of a

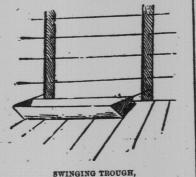


HANDY FEED TROUGH.

GENERAL VIEW. (Dimensions Marked in Feet. One Corner Showing (A) Roost and (B) Box to Catch Droppings.) foor is wanted, add 168 feet off matched hemlock flooring at \$15 per 1,000 feet. For a partition, in place of netting I used straight poles from the forest, for cheapness. I had been wholly of corn, I found that the substitution of buckwheat ful to make it warm, and it cost me ouly about four dollars. I performed the work myself, which any handy man can do with the aid of the li-Below is an itemized list of lum-ber and other supplies: Two hund-red and sixty feet of teen-foot inch boards for siding (must not be cut age cost of fifty - six cents each per

A SWINGING TROUGH. It is Out of the Way When the Pen Needs a Cleaning.

The trough or feed box shown in There is no profit in keeping any the illustration is suitable for either kind of stock when they have been the fillustration is suitable for ertification fowls or swine. It is the ordinary V-shape, and is held in place by a stout bar at either end. These bars are bolted to the sides of the pen. Either iron or wooden bars may be used. When the trough is not in fattened for the market; the retention of cattle or hogs that have reached a point where every ear of corn serves only to maintain their used. When the trough is not in



use it is turned up against the wall, use it is turned up against the walf, out of the way, and fastened there. The advantage of such a trough is that it is out of the way when it is desired to clean out the pen, and any accumulation of slopped over food, to become offensive, is avoided by it ket.

mal Husbandry of the Iowa Agri-cultural College, delivered an ad-dress before the Board's recent annual meeting on "Sheep-Good and nual meeting on "Sheep-Good and Bad." Among other interesting things contained therein he outlines the points that should be found in animals which are to be used spe-cially for breeding purposes, and also the condition they shoald be in. As Prof. Craig is a recognized authority on all matters pertaining to sheep, the following may be pro-tended of the sheep of the following may be pro-tended of the sheep of the following may be pro-tended of the sheep of the following may be pro-tended of the sheep of the following may be pro-tended of the sheep of the following may be pro-tended of the sheep of the following may be pro-tended of the sheep of the shee to sheep, the following may be pro-fitably read and considered by all identified with this industry: The ram should show masculinity in

THE CAPER SPURGE.

Its Story as Told in Bulletin No. 86 of There's No Profit in Keeping Cattle or the United States Department of Hogs After They Have Been Fat-Agricultu

This plant is called also garden spurge, myrtle spurge, mole plant, mole weed, mole tree, gopher plant, wild caper, caper bush, wolf's milk, and springwort. Description and Where Found-

This is a smooth, herbaceous, milkyjuiced perennial, two to three foot high, with a stiff erect stem and opposite four-ranked leaves, the lower of which are thick and oblong, the upper, thin, broad and heart-shaped. The flowers are greenish yellow and rather small. The three-seeded fruit



CAPER SPURGE (A, Upper Half of Plant, One-Third Natural Size; B, Seed Capsule, Natural Size.)

is conspicuous. It is a common garden plant, sparingly. introduced into wet ground in California and Texas, and in the Atlantic States from New Jersey and West Virginia and North Carolina.

Poisonous Properties .- The fresh milky juice is exceedingly acrid and muky juice is exceedingly acrid and the fruit is highly purgative and poisonous. When used as a house-hold remedy it often provokes ser-ious trouble. Women and children arenot infrequently poisoned by hand-ling the plant and getting the juice on the face. Cattle are quite resist-ant to its influence, but they are they are sometimes overcome. Goats will eat the plants extensively if nothing bet-USE OF THE KILLING KNIFE. A Pointer Neat Will Surely Help the Uninitiated. The following method of killing for market renders the use of the killing knife simple and effective even when practiced by the beginner. the plants extensively if nothing bet-ter presents itself, and it is said that their milk then possesses all of the venomous properties of the plant. When applied to the skin the plant. When applied to the skin the plant of the nonset method of the plant. The source that the sum of the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant. When applied to the skin the plant of the venomous properties of the plant of the venomous plant of the venomous properties of the plant of the venomous plan week. The seed taken internally in overdose will inflame the mouth and-stomach, and cause intense diarrhosa and vomiting. If the dose is suffi-cient there will be nervous disor-ders, unconsciousness. general lapse and death.

present condition is unwise and un-profitable. When they are fat sell them; you cannot afford to con-tinue feeding them in anticipation of higher prices, regardless of the cheapness of the feed. If a hog is fat and ready for market at 200 pounds sell him, as no appreciable gain can be made after this period has been reached, on the other hand there is some danger of the animal

SELL MATURED STOCK.

tened Fairly Well.

going back, or losing fat; so it is best to place the stock on the market after the finishing touches have been put on, and yield not to the temptation, which is a strong one, to hold on for better prices, which may and may not be received. If cattle and hogs have been judi-

ciously fed and are of good breeding they will nearly always bring a remunerative price and pay handsome-ly for the labor and expense involved in their preparation for the mar-

> Another thing-the local buyers who visit you every week or two to get stuff to send to Chicago, St. Louis or Kansas City and who of

sheep For Breeding. John A. Craig, Professor of Ani-mal Husbandry of the Iowa Agri-cultural College, delivered an ad-dress before the Board's recent an-nual meeting on "Sheep—Good and

son many farmers do not act in this regard as advised is that the little trouble of getting a car, loading the stock and caring for it during shipment frightens them and they are content to sell to the local buyer at less money than undergo the trouble and receive higher prices .- Farmers' Voice.

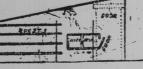
APPLYING THE KNIFE.

from the illustration.

On looking into the mouth of the

fowl it will be found that there is a

below is an itemized list of lum-ber and other supplies: Two hund-red and sixty feet of ten-foot inch boards for siding (must not be cut to waste); 231 feet of 14-inch boards for roof and nests; two pieces 2 inches by 6 inches by 14 feet, and two pieces 2 inches by 6 inches by 12 feet for sills; eight pieces 2 infor ches by 4 inches by 14 feet plates and cross beams ; four pieces 1 inch by 6 inches by 12 feet for



FND VIEW window casing; two squares of felt roofing at \$1.50 per square, includusually secure a full crop and then attend to their duties on the nest, and in the dust bath until they be-come hungry, when they will be-gin work in the scratching-shed, ing nails for same; one roll build-ing paper 500 square feet, 60 cents; netting 6x16 feet, 70 cents: 10 lbs. nails 30 cents : two pairs strap supplier, \$14.45 at market price. \$2.50. Total cost of lumber and "solid logitum" in the statement of the stray kernels that were left from their last grain feed. Where hens Waste material can be used where there is some on hand. The labor their last grain leed. where then are inclined to be lazy, it is a good plan to feed the mash or soft food at night, letting them work for their breakfast in the morning. would occupy a carpenter with one

man to help about two days.

44

Mit I

Prepare Small Fruits for Winter. The fruit grower must be a will-grown runs, and one has the land ing worker, and to be successful he to produce all the feed required, it must be a pusher and ever ready to take time by the forelock. He must be in advance, rather than behind, with the work. The mulch for the who would make a profit on tenstrawberries and compost for raspcent eggs, and where hens are rightberries, blackberries, currants,goose-berries and Lucretia dewberries ly managed they can be made yield a good profit with eggs at this price during the summer season. should now be ready near the garden. As soon as the ground is frozen hard enough to bear up the horses For Carrying Meavy Bezen and wagon put the mulch on the strawberry bed. Spread evenly and One of the unhandy things to thickly enough to give good shade to the plants. Do not undertake to nove upon the farm is a heavy box which has no handles or other procover deep enough to prevent freez-ing, for if this is done the wet snows jections. The illustration shows contrivance that permits two per-

will pack the mulch and smother 5 the plants. Good judgment is re-quired here. Straw of any kind, corn stalks, with or without the blades, leaves, overgreen boughs, swamp grass or any coarse material that is free of any coarse material that is free of seed will answer. This mulch should be left on the bed until all danger of freezing is over. Just before the crowns open, the mulch should be raked off the plants to the space between the rows. If the soil is leany and light the mulch may be parted over the plants and left in that way to prevent the earth from sons to pick up a heavy box and

walk off with it. A blacksmith from an old chain and a rod of iron can make the affair in a few moments. that way to prevent the earth from being splashed upon the fruit. For other lines of small fruit,

FOR CARRYING HEAVY BOXES.

Hogs Require Some Minerals.

For other lines of small little, compost is preferred to strawed mulch, as the latter invites mice which will gnaw the canes and in-jure the plants. The compost may be scattered broadcast over the en-tire surface as the condition of the granud demends or be placed tion and pruning season after sea son. When the grower becomes ex-perienced, the work in the small

garden will be considered more pleasure than a task. Ominious.

Little Brother-I don't think care much for that book. Little Sister-Why not? Little Brother-Grandma says it's structive as well as amusing,

I prefer to reed both blockwheat and Kaffir corn, unthreshed, as working it out of the straw gives the hens exercise. Millet is highly recom-mended, and where it can be pro-duced cheaply, is an excellent addi-tion to the list of grains. In some continue of the west it is sold as

sections of the west it is sold as low as thirty cents per bushel. I

have only used it in an experiment-al way for young chicks, it being too high-priced in this section to allow of its extensive use. I prefer to feed but twice a day, say that man does not need salt. The digestive organs of the hog arc nearer in resemblance to those of man, than any other animal. If how how need the second secon I prefer to feed but twice a day, especially during the winter, not only on account of the lessened labor, but because I deem it suffi-cient. If fed three times a day the hens are apt to wait for their food hogs had no relish for salt, it would instead of scratching for it. Where the mash is fed in the morning they

> in the street

TAMWORTH EGAR UNDER ONE YEAR. First Prize at Toronto, Quebee and Ottawa, 1899. Owned by H. George & Sons, Crampton, Ont.

ply constantly before them and they will not eat so much of it as to be sickened and killed. With man the sickened and killed. With man the amount used is considerably a mat-ter of training and habit. Still we should be counted wide of the mark if we said we could be trained to do without, and that he is better off without it. When mixed with wood ashes, there is very little danger of swine eating so much of the mixture that the salt will be injurious. If that the sait will be injurious. If the ashes are from hardwood and un-leached, they are much better be-cause they rid the system of worms. But if we could only get the leached we would use them rather than none, as they would aid the bone forma-tion. The horge relish them, and will tion. The hogs relish them, and will consume large quantities of them. There is always a little charcoal in the ashes that they eagerly hunt out and eat. The charcoal is an absorbent. At the commencement of new corn feeding, an abundant supply of salt and ashes should be constant-A pole can be slipped through the upper links of the chain to take hold had, feed them salt alone, but get them accustomed to it, before giving free access to all they want

Educate Colts When Young.

A great many experienced farmers tire surface as the condition of the ground demands, or be placed around the hills. In either case the compost should be worked into the soil by means of a shallow cultivat-or as early as the ground is in con-dition for work. To do a perfect job the surface should be worked until thoroughly fined. Working should be repeated at intervals of six and eight days until resporte Small fruits cannot be successfully rown without thorough cultiva-ion and pruning season after case Educate the colts to the halter obviates much of the bad effect of an entirely corn ration, and increases size and strength of bone and mus-cle, and improves the general health and vigor of the animals.—Corre-spondent Wallace's Farmer. is the direction you wish him to go. Whatever happens at the for-ward end makes him go backward, and at the rear end forward. This is the natural law governing the colt's action

colt's action.

Milk quickly, clean quietly and re-gularly. Pony breeding is one of the mest lucrative lines of breeding. Breeding trotting horses will de for the millionaire, but it is usual ly a poor business for the farmer.

would have to clean up their feed in their own droppings, but in this kind of a trough they cannot drop anything, neither can they get their feet in it while they are full of mud.—Cor. American Swineherd.
SALT AND WOOD ASHES
A Good Mixture to Some of Which the Hergs Should Excerning any thing, some one rises up of salt for hogs, but fails to give the reasons for such strong assertions. It is just as reasonable to say that man does not need salt. The digestive organs of the hog are nearer in resemblance to those of the same there. The digestive organs of the hog are the same there.

ring. The fiesh should be even and firm, and not gathered in masses or rolls at any part of the body. It is very apt to gather at the foreflank? leaving the back bare or raw. Exceshogs had no relish for salt, it would give some ground for such state-ments. Some are often killed, and that very suddenly, by getting an overdose of it, and they, take this overdose because of the excessive craving of the appetite for it. Pre-vent this craving by a liberal sup-

The ewe should be rather long in the face, with fine features. The neck should be slender and without any, of the thickness noticeable in the of the thickness hould be deep, ram. The body should be deep, round-ribbed, and especially long, so as to provide room for the growing lamb. The type of the good-milking lamb. The type of the good-mixing ewe verges strongly toward that which is typical of the good dairy cow. The ewe that milks well, and consequently rears early-maturing lambs, tends toward the wedge

lambs, tends toward the wedge shape, deep in the chest, large bo-died, and wide across the loins and hips. The condition of the ewe should not be such as to impair her should not be such as to impair her breeding qualities. Excessive fatness, breeding quarties. Excessive increases, as a rule, is in this way injurious. The flesh should be evenly distribut-ed and not gathered in bunches about the tail-head, and it should be firm

the tail-head, and it should be min and not too flabby. As a result of our consideration of the good and bad qualities of sheep, there arises the more im-portant problem of breeding to re-produce the former and to remove the latter. I have failed to find, up the tatter. I have failed to find, up the latter. I have failed to find, up to this day, where success has been obtained by in-and-in-breeding,cross-breeding, or any other form, but that there was a man behind the system who knew well the merits and demerits of the animals he was breeding. And further, knowing these, he made his selection to get the best blend. This is the basis of a method of breeding that arises from method of breeding that arises from what has gone before. For want of a better term, I have named it "bala better term, I have manued it bar-anced breeding," and I believe that this method has the means of dcveloping and adding to the good qualities, and at the same time lessening and removing the demerits of

our domestic animals. To follow balanced breeding in sheep would mean the selection of rams with the leading thought of removing the weakness of the flock. sheep would mean the selection of rams with the leading thought of removing the weakness of the flock. When one realizes the force of bal-anced breeding, and acts on it in the selection of sires, it is wonder-ful what strides may be made tow-ard perfection in a few years. With this sire we correct a deficiency of the fleece, and yet retain the good qualities of form; with another we add a little more bone; unother

Tee Much for a Certain Grade. Permit a hog to break through a fence once and it will give you trouble as long as it lives and and find a fance that it can got shrough.

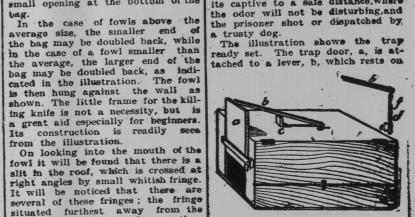
AN EFFECTIVE SKUNK TRAP.

Pian Whereby Any Hundy Boy Can Make One Handily

Skunks are a nuisance about a farmhouse or barnyard, and where they get into the habit of raiding the chicken yards, must be gotten rid of at any cost. Often they are allowed to make and occupy nests in the vicinity of the barn or house and remain undisturbed on account and remain undisturbed on account of the disagreeable consequences an interference would bring about. The averaga man would rather beard the lion in his den than risk an encounter with a skunk. A pair of these anter with a skunk. A pair of these and imals made their abode beneath the floor of a neighbor's summer kitchen and as the floor was not tight, got into the habit of coming into the room above. The farmer captured them by use of the trap shown in the intertention

the illustration. A small-sized dry goods box, not so large but it can be easily car-ried, is fixed with a trap door, which is attached to a lever conhead foremost. Owing to the shape head foreinger in such a man-of the bag the fowl slips down to that part of the bag that fits it after the style of a legging. The head of the fowl comes through the small opening at the bottom of the the door will not be disturbing, and the opening shot or dispatched by

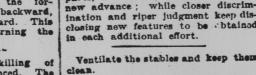
The illustration shows the trap ready set. The trap door, a, is at-tached to a lever, b, which rests on



The four is the found that there is a slit in the rood, which is crossed at right angles by small whitish fringe. It will be noticed that there are several of these fringes; the fringe situated furthest away from the point of the beak is larger than the others. With a poultry killingt knife a stab is made just beyond this furthest fringe. Having opened the forwl's mouth in the manner described above, being careful to hold the head firmly between the first and second fingers, as seen in the illustration, next take the instrument in the right hand, having the knife level side uppermost protruding the frame about 2 in, then place the legs of the 'frame firmly against the wall and gradually, and slowly push the knife form a fulcrum at c. The other end of et then place the legs of the frame firmly against the wall and gradual-ly, and slowly push the knife for-

changed in value according to the kind of crop. Every article has a commeecial value where it is grown, as it will be worth something, be it the fleece, and yet retain the source it is grown, qualities of form; with another we add a little more bone; another deepens tho flesh on the valuable parts; and so on, each marking a new advance; while closer discrim-ination and riper judgment keep dis-closing new features to be obtained in each additional effort. the rest of the body and will have cleanly cut the large blood vessels of the head. The fowl will bleed suffi-ciently to give the right appearance to the flesh and is in much better, shape for market than when killed the rest other methods. it is grown than to a purchaser, as the purchase necessitates the cost of

Tee Much for a Certain Grace. Mrs. Homespun (indignantly)— Here's an article that says that in Formosa a wife costs five dollars. Mr. Homespun (thoughtfully)— the farm. Mr. article is with it. Mr. Homespun (thoughtfully)— the farm.



our domestic animals.

is then hung against the wall as shown. The little frame for the kill-ing knife is not a necessity, but is a great aid especially for beginners. Its construction is readily seea from the illustration

