FARM STOCK



CONDITION FOR BROOD SOW

Animal to Farrow Should Be Neither Too Fat Nor Too Thin—Plenty of Exercise Needed.

Keeping the breed sow in proper condition of flesh is one thing that the swine breeder should not neglect. Just what degree of fatness should be maintained the breeder should decide for himself, because that is something that cannot be very well stated on paper.

Some advocate an extreme degree of thinness, but I think that is scarcely proper, for it is almost certain to breed into the progeny a characteristic that prevents rapid fattening, says a writer in the Farm Progress. Then, when the rations are reduced to such a quantity that they will produce the thinness, they are hardly sufficient for keeping up the vigor of the body.

When sows are kept at the proper degree of lateness their litters are almost certain to be easy fatteners, and



Fit for Market.

then, when a sow has outlived her years of usefulness as a breeder, she may be fattened into an animal of first-class marketable qualities.

When a brood sow has once been overfattened the chances are that her usefulness as a breeding animal has been ended. Even though better feeding methods be used thereafter, it will be impossible to better matters any.

I believe that the brood sow should be given a ration that contains about one part of protein to five parts of carbohydrates. This should be given in sufficient quantities to insure the upkeeping of the body, but not enough given to cause laziness.

Plenty of exercise is necessary to assure the proper assimilation and digestion of the food. The sow should have access to sufficient area to assure that. By combining a properly balanced ration with plenty of exercise the animals should keep in proper condition of flesh and health.

LIKEN CHOLERA TO TYPHOID

Control and Eradication of Disease Is Matter of Education Rather Than Vaccination.

(By DR. J. W. CONNAWAY, Veterinarian of Missouri Experiment Station.)

The control and eradication of hog cholera is a matter of education rather than vaccination with hog cholera serum.

Hogs must have pure water. Hog cholera is like typhoid. The English call it "pig typhoid." Last Summer, when it was so dry and the pools were low and stagnant, the disease was spread by the great number of hogs that drank from ponds. The farmers that gave their hogs well water had the least cholera on their farms.

Hogs often become permanent carriers of the disease germs after they have been cured, and will spread the infection. Doctor Connaway also says that pigeons carry the hog cholera germs from one farm to another.

The buildings where hogs are kept should be disinfected with air-slacked lime. It is cheap and you can see where you put it. Disinfect the hog lot also. Where proper sanitary conditions exist there is little danger of hog cholera. Hogs should not be fed in the mud, but on hard ground or on a brick or concrete floor.

LIVE STOCK NOTES

Have little bedding in the farrowing pens.

Get acquainted with the sows before farrowing time. It pays.

Give the ewes the run of the fields every good day in the spring.

Don't wait until you need pig forceps before you get them. Be ready!

Few branches of stock feeding offer better inducements than feeding range lambs.

A fender around the sides keeps the sow from lying out of the pen with her pigs.

At weaning time colts should be taken away entirely out of sight of the mothers.

Pot-bellied, hay fed colts tell the story of improper feeding, slow growth and poor development.

Pneumonia kills many pigs before they get used to sleeping in damp pens, drafts or snow banks.

The pregnant mare is like the cow and sow and needs the same considerate care and judicious feeding.

It is expensive carelessness to hitch a warm horse inadequately protected from raw winds and drizzling rain

BEES OUT OF SUPERS

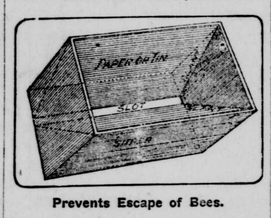
Device Shown Which Does Not Demoralize Insects.

V-Shaped Arrangement With Narrow Slot at Bottom Is Attached to Frame and Whole Thing Placed Near the Hive.

Last season I used a simple device in taking off one and a half tons of honey for clearing supers of bees quickly, which does not demoralize the bees in the hives, but leaves them in fine condition to defend themselves.

The drawing makes the plan clear. I used a ten-frame full-depth super, and on the under side, three-quarter-inch apart, I nailed two square sticks in the center. Then I cut two thick pieces of wrapping paper, eight inches long, which I tacked to the upper side of the super; then I brought the lower edge down and tacked it to the paraellel square sticks, thus making a V-shaped arrangement with a narrow slot at the bottom.

I set this prepared super on an eight-frame super, and cleated both ends, which made it ready for use. When I am ready to take off honey I set the whole thing near the hive, remove a super and set it on the cleaner, placing a rubber-cloth over the hive if necessary. As I use loose hanging frames without spacing devices I loosen all of them yith a screw-



Prevents Escape of Bees.

driver and slide them over toward the opposite side of the hive. Then with a head of broom corn I begin brushing the bees down without taking any frames out of the hive, pulling them over toward me as I get them clean of bees. When the bees strike the incline below they slide down and out of the slot into the eight-frame super before they can take wing, and most of them will be clustered below. There are cleats across the end of the super to furnish a grip for the hands, and I empty the bees out by lifting the super and giving it a sudden jar on the ground in front of the hive after all of the supers have been cleared of bees.

Of course I use some smoke at the time when I begin brushing. As soon as the nearest side of the first comb is free from bees I pull it over toward me, then brush the bees from the opposite side; then go to the next one, etc.

Silage Too Bulky for Swine.

Swine raisers are advised against feeding young swine extensively on silage, in a recent bulletin from the Iowa station. It is too fibrous and low in digestible nutrients to prove satisfactory for growing and fattening swine. The hog has a digestive apparatus suited largely to concentrated feeds. Old sows will eat some silage; however, if fed to them it should constitute only a small portion of their ration.

Plan Work Ahead.

Everything on the farm cannot be run with the precision of clock work, but the bulk of the work should be planned in advance, making allowance for changes which may become necessary. Keep your ideas ahead of your work. Make the brain help the muscle.

Starting With Day-Old Chicks.

One way to start, and that is becoming very popular, is to purchase day-old chicks, and brood them, either by the hen and natural method, or artificially, by the use of houses constructed for the purpose, with full instructions as to their operation.

HORTICULTURAL NOTES

Get busy with the grafting when the buds begin to swell.

The appearance of the orchard is helped by cleaning it of dead branches.

If you have a poor seedling pear or apple tree it may be entirely made over by top grafting.

Prune a little each year, and prune sparingly. It does not pay to neglect the pruning of trees.

The young trees should be banked with earth, which will keep water from settling about them.

Probably the best results come from pruning the orchard rather vigorously every two or three years.

Time and care spent in the orchard is almost sure to pay for itself and a good rate of interest besides.

Raspberry tips from young, vigorous plants, should always be selected in preference to those of any other kind.

Wait until the ground dries out a little before planting either trees or truck. It is not well to plant in wet, soggy soil.

One of the best ways of managing raspberries is to set in rows six feet apart, and the plants two feet apart in the rows.

SHEEP ARE OFTEN NEGLECTED

No Farm Animal More Capable of Adapting Itself to Different Methods of Treatment.

Too many farmers are overlooking a good opportunity by neglecting to have sheep on the farm. Men who do not like sheep must either learn to like them or keep out of the business. Men who do like them will take care of them, and when they are taken care of they are no more liable to disease than any other farm animal.

The sheep is the most modern animal in creation. By that we mean that he has left no fossil remains of his own kind or ancestry. He is a development of the last days of creation and of about the same geological age as mankind. There is no animal on the farm that is more capable of responding to different methods of treatment and adapting himself to different environments than is the sheep.

He can be bred into almost anything of the sheep kind. Long, coarse wool, or short, fine wool, horns or no horns, black or white, a big carcass for mutton, or other modifications have been produced, and all are money-makers when properly handled by the right man.

FEW POINTS OF A GOOD COW

Important Characteristics of Activity and Vitality Should Be Determined by Eye of Animal.

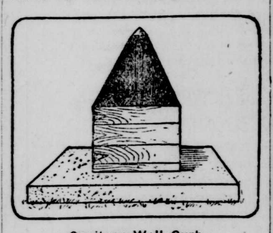
Nervous temperament in a cow does not mean a high state of nervousness or irritability, but the animal has nerves such as make the various parts active, giving tone, vitality and activity to the many parts of the body. This important characteristic is judged by the size and character of her eyes. Her face should be broad between the eyes and well dished.

The eye should be prominent, bright, clear and mild, but not at all sluggish looking. The prominence and openness of the joints of the backbone is a very important indication. The backbone should be covered with no surplus flesh, for if it is, the cow is using to fatten herself that which should go into the milk pail. The ribs should be wide in themselves, and should have plenty of width between them. This can be measured by inserting the fingers between the ribs. Persistency in chewing the cud is a very important point with dairy cows.

KEEPS ALL IMPURITIES OUT

Curb Platform of Cement Prevents Surface Water From Trickling Down Into Well.

A well house like the one below is a guarantee that impurities will not get into a dug well. The curb is set in a cement platform. This platform is built around the curb, thus holding it solid and preventing surface water from trickling down, says the Iowa Homestead. The curb is made from matched lumber with a roof that has a sharp slope. The well wheel is hung on the center pole of the roof. The forms for the cement platforms are



Sanitary Well Curb.

made from six-inch boards. The concrete is mixed half cement and half ballast. Apply three inches of concrete, then spread on a layer of hog wire. Put bent rods around all the corners. Apply the rest of the concrete. Smooth off well and let stand three days before removing forms. The well curb should have lids attached with hinges, these can be closed when the well is not in use, thus preventing dust from blowing down.

Use the Clippers.

The clipping of horses and mules in the spring is generally conceded to be beneficial. The clipped animals not only appear better and are easier cleaned, but they dry off quickly at night, get good rest and are more vigorous and thrifty.

Dairymen now regularly clip the flanks and udders of cows every three or four weeks. It is easy to wipe off the parts then before milking and insures clean, uncontaminated milk.

For Skin Disorder.

The following powder given each day is said to be good for skin disorder in horses: Finely powdered iodine of potash, four ounces; granulated sugar and common salt, of each one pound. Mix well together and divide into 32 powders. Feed no corn, but let the grain feed be oats and wheat bran. Use tincture of iodine on the lumps every second day until the skin becomes a little tender.

Nitrogen From Air.

Nitrogen from the air is now got artificially by the form of sulphate of ammonia by a new chemical process at a cost of $20 a ton, besides a by-product that will revolutionize gas manufacture. These are remarkable claims, and if half of them are true the cost of nitrogen for fertilizing will be universally reduced. But we await a practical demonstration of these claims before accepting them.



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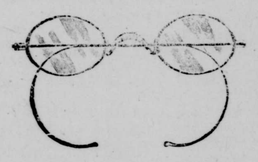
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Everywhere you look, walk or turn, you hear women and men talking—"Yaak." "Yaak" "YAAK" special. The Chicago beauty seekers have rushed about to get the latest beautifier called "Yaak." Judging from their desperate effort in the department stores and druggists, that "Yaak" (Special) is quickly gobbled up by the mad rush of women, and impossible to supply the enormous demand. "Yaak" is delicate, harmless and fascinating to the skin, absolutely free from dangerous drugs. "Yaak" (special) is purely vegetable Herbs, Oils of Nuts, Lily-bulb Juice, Cerasine, Olive Oils and Cocoanut Chips, which give the face a healthful, glowing appearance. Apply a little at night, and every morning; you will quickly see a surprising change. The newest, irresistible, brilliant complexion beautifier has suddenly made a tremendous stir among the wrinkled faces, pimply faces, freckled faces and coarse pores. It is said to be the greatest preparation in the wide world to remove forever those ugly facial blemishes, and with amazement, makes the face satin-smooth, plump, and pearly-white. For those who have pimples, blackheads, and coarse pores of long standing will be astonished how quickly they can get rid of those homely features with "YAAK" (Special). It never fails to give quick results. No samples given; the ingredients are special products. A large shipment of "Yaak" (special) reached Chicago, and it was quickly gobbled up in a few hours. Many disappointed women, failing to get it, left their names with cash for the next shipment of "Yaak" (special) expected in a few days. "Everything gone," "Yaak is all sold out," "Will have more in a few days," are the short answers from clerks. Many society women, beauty parlors, and residences have telephoned in their orders thick and fast to the department stores and druggists. Heavy mail orders from out-of-towns are coming in fast for "Yaak" (special). The demand has been enormous. "Yaak" (special) gives the face an extremely brilliant, fascinating, plump, youthful glow. An exquisite refined complexion. It comes in two sizes: $1.00 per box, and also 50 cents per box. But if your facial blemishes are of long standing, then get the larger size box, you will surely need it for permanent results. Your town druggists can probably get it for you from the wholesaler. Or else send your money orders to any of the Chicago business firms. Will be shipped to you promptly by mail.

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