

Delicate Mechanism

Despite its scope Swift & Company is a business of infinite details, requiring infinite attention.

Experienced men must know livestock buying with a knowledge of weight, price, the amount and quality of meat the live animals will yield.

Each manufacturing operation must be done with expert skill and scientific precision. A highly perishable product must be handled with speed and care to avoid loss.

Chemists, engineers, accountants, and other specialists are required to take care of our intricate problems.

Alert wisdom and judgment must be used in getting stocks of goods into the open channels of demand through our four hundred branch houses. Branch house organizations must show activity and energy to sell at the market in the face of acute competition from other large packers, and hundreds of small ones.

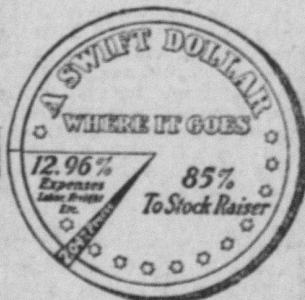
All these requirements of intelligence, loyalty, devotion to the task, are met in the personnel of Swift & Company. Yet the profit is only a fraction of a cent per pound with costs at minimum.

How can the workings of this delicate human mechanism be improved upon?

Do you believe that Government direction would add to our efficiency or improve the service rendered the producer and consumer?

Let us send you a Swift "Dollar". It will interest you. Address Swift & Company, Union Stock Yards, Chicago, Ill.

Swift & Company, U. S. A.



THIS SHOWS WHAT BECOMES OF THE AVERAGE DOLLAR RECEIVED BY SWIFT & COMPANY FROM THE SALE OF MEAT AND BY PRODUCTS 85 CENTS IS PAID FOR THE LIVE ANIMAL. 12.96 CENTS FOR LABOR EXPENSES AND FREIGHT. 2.04 CENTS REMAINS WITH SWIFT & COMPANY AS PROFIT.

A coat of arms is no good for concealing a one-cylinder brain.

WHY DRUGGISTS RECOMMEND SWAMP-ROOT

For many years druggists have watched with much interest the remarkable record maintained by Dr. Kilmor's Swamp-Root, the great kidney, liver and bladder medicine.

It is a physician's prescription. Swamp-Root is a strengthening medicine. It helps the kidneys, liver and bladder do the work nature intended they should do. Swamp-Root has stood the test of years. It is sold by all druggists on its merit and it should help you. No other kidney medicine has so many friends.

Be sure to get Swamp-Root and start treatment at once. However, if you wish first to test this great preparation send ten cents to Dr. Kilmor & Co., Binghamton, N. Y., for a sample bottle. When writing be sure and mention this paper.—Adv.

The poetry of earth is never dead.

Not Much to Choose. The honors are about even, whether your job wears out your shoes or your trousers. It sets you back about \$15 for replacements in either event.—Kansas City Star.

Important to Mothers. Examine carefully every bottle of CASTORIA, that famous old remedy for infants and children, and see that it bears the Signature of *Dr. J. C. Fletcher*. In Use for Over 30 Years. Children Cry for Fletcher's Castoria.

The grain deficit in Germany is reported to be 2,000,000 tons.

Small buildings are being erected in Sweden with bricks made from peat.

Dr. Peery's "Dead Shot" not only expels Worms or Tapeworm but cleans out the mucus in which they breed and thus up the digestion. One dose sufficient. Adv.

In India the average length of life is only twenty-four years.

Stock Raising in Western Canada is as profitable as Grain Growing

In Western Canada Grain Growing is a profit maker. Raising Cattle, Sheep and Hogs brings certain success. It's easy to prosper where you can raise 20 to 40 bu. of wheat to the acre and buy on easy terms.

Land at \$15 to \$30 Per Acre—Good Grazing Land at Much Less.

Railway and Land Companies offer unusual inducements to homeseekers to settle in Western Canada and enjoy her prosperity. Loans made for the purchase of stock or other farming requirements can be had at low interest.

The Governments of the Dominion and Provinces of Manitoba, Saskatchewan and Alberta extend every encouragement to the farmer and ranchman. You can obtain excellent land at low prices on easy terms, and get high prices for your grain, cattle, sheep and hogs—low taxes (none on schools, churches, splendid climate and pure crops.

For Illustrated Literature, maps, description of lands for sale in Manitoba, Saskatchewan and Alberta, reduced railroad rates, etc., apply to Superintendent of Immigration, Ottawa, Canada.

F. A. Harrison, 210 North Third St., Harrisburg, Pa.
Canadian Government Agent

PLAN GIVEN TO DEHORN CATTLE

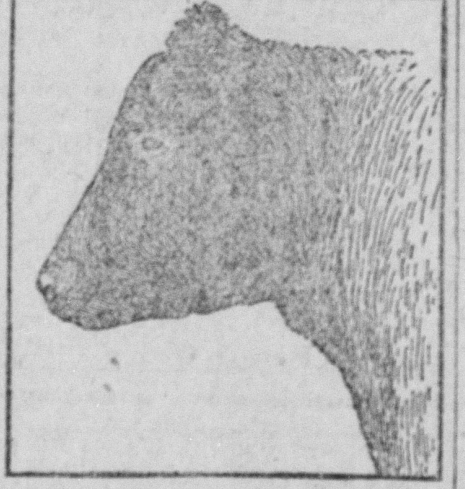
Strong Clothesline and Clean, Sharp Meat Saw Are Among Tools Required.

MEANS TO CONTROL ANIMAL

Necessary That Rope Be Held by Assistant So That It May Be Slackened in Case of Emergency—Where Horns Should Be Cut.

(Prepared by the United States Department of Agriculture.)

The dehorning of cattle can be very satisfactorily performed without other apparatus or instruments than a good strong clothesline and a clean sharp meat saw, or a miter saw with a rigid back. The same simple means for controlling the animal is just as applicable when dehorning clipper as to be used as when the horns are to be removed with the saw. The head of the animal is secured to the horizontal rail or stringer which holds the upper ends of the stanchion boards. The animal is put in the stanchion in the usual manner; then one end of a heavy clothesline is passed around the upper part of the neck and tied in a knot that will not slip, and the other end will choke the animal. The free end of the rope is now carried between the horns, through the stanchion to the front, up and over the horizontal



Head of Steer Showing Result of Proper Dehorning.

stanchion rail, then down underneath the neck and up and over the top of the stanchion rail to an assistant, who should hold it firmly. Now open the stanchion, allowing the animal to withdraw its head; then, keeping the rope tight, pass it once around the muzzle, up and over the stanchion rail, and through to the front again to the hands of the assistant, who should stand 3 or 4 feet in front of the animal and hold the rope firmly, but prepared to release it when told to do so by the operator. The animal is now ready for the dehorning operation.

Rope Held by Assistant. It is necessary that the rope be held by an assistant, as in the event of the animal struggling during the operation so as to throw itself off its feet, or if there appears to be danger of its choking, the rope may be slackened promptly at the word of the operator and the animal partly released. This, however, is rarely necessary, for as soon as the head is secured the operator should be ready, standing at the right shoulder of the animal with his saw, and proceed to saw off first the right and then the left horn. It is a good plan before commencing the real work to experiment upon an animal in the matter of control by tying the head to the stanchion rail as described. If the stanchion rail is too wide to permit of properly securing the lower part as well as the upper part of the animal's head, the turn of the rope around the muzzle may be omitted and the last lap of the rope carried around the stanchion rail to the front and to the hands of the assistant. Care should be taken that the rope pass each time over the neck of the animal



Improper Dehorning.

to the stanchion rail between the horns in such a way that it will not interfere with the work of the saw.

Where to Cut the Horns. The horns should be severed from a quarter to a half inch below where the skin joins the base of the horn, cutting from the back toward the front. If the cut is made too high an irregular, gnarly growth of horn is very apt to follow. It will be seen that the point of union of the skin and horn varies in different cattle; hence there can be no rule of measurement, except as the eye becomes trained to see the point or line at which the cut should be made. In the beef breeds fully one-half inch of skin, all around, is usually taken off with the horn.

PROTECTING HORSES FROM STABLE FLIES

Source of Keen Annoyance to Animals in Hot Weather.

Most Logical Method of Abating Nuisance is to Eliminate All Breeding Places—Coal Tar Sprays Are Recommended.

(Prepared by the United States Department of Agriculture.)

Stable flies are a source of keen annoyance to work animals during the heat of summer. Every owner who has the welfare of the dumb beasts at heart should strive to alleviate as far as possible the discomforts to which the horses are exposed.

The most logical method of abating the fly nuisance is to eliminate all breeding places, such as manure piles. Manure should be kept in fly-tight pits or bins until such time as it can be hauled to the fields. Pits should be conveniently located so the manure can be easily thrown in at the time of cleaning and so constructed that it can be readily removed. It is essential that flies be prevented from reaching the manure, but, as some of them will, even though great care is exercised, it is advisable to place a fly-trap on the pit.

The coal-tar sprays used in combating the fly evil in the dairy stable are also efficient in driving the winged pests away from the horses. Among the best of these is a solution of 100 parts of fish oil, 500 parts of oil of tar, and 1 part of crude carbolic acid. It may be prepared at home at a cost of about 35 cents a gallon. This spray, as well as kerosene emulsion and other fly repellents containing coal-tar products, fish oil, resin, and oil of tar, are best applied with an inexpensive spray pump. It is preferable to give the horses a hasty spraying early each morning before they go to work. This brings best results from the use of the fly eradicator.

For general comfort of the work animals when they come from the field at night it is recommended that after the harness has been removed each animal be given a sponge bath with a solution of cool salt water. In case there are any work galls or shoulder sores, these injuries should be treated with white lotion, which is one of the most healing and soothing preparations of its kind for use in warm weather.

STORAGE LOSS OF POTATOES

Farmers and Dealers Are Preventing Enormous Waste by Building More Improved Houses.

(Prepared by the United States Department of Agriculture.)

Importance of modern sweet potato storage houses, such as have been designed by the United States department of agriculture, in which potatoes can be kept with practically no loss, is shown by the enormous waste resulting from improper storage. South



Interior of Satisfactory Potato Storage House With Earthen Side Walls.

Carolina in 1917, because of disease in the field and in storage, lost 60 per cent of its crop—that portion being valued at \$4,688,110.

This state produces about 12.5 per cent of the sweet potatoes raised in the United States, and the crop ranks fourth in the state in value, being surpassed only by cotton, corn, and tobacco. Storage losses through the South are being greatly reduced, as the farmers and dealers are continually building both community and individual storage houses of the improved type.

LOSS OF VALUABLE MANURE

One-Half of Plant Food Value Lost When Left in Open Yard During Summer Months.

Manure left in the open yard through the summer months may lose one-half its plant-food value due to fermentation and leaching. Rotted manure which has been saved carefully will be richer in plant-food elements, ton for ton, than fresh manure. It requires one and one-half to three tons of fresh manure to make a ton of rotted manure, which is reduced greatly and the total quantity of plant-food elements also is decreased by fermentation and exposure. Except in special cases and for certain crops or gardening conditions, there is no advantage in rotting the manure; better apply it fresh from the stable before any loss occurs.



Such tender bits of fine meat—such careful seasoning! One taste of Libby's Vienna Sausage, served piping hot will tell you it was prepared by master chefs! Ask your grocer for a package today. Contents will serve two.

Libby, McNeill & Libby, Chicago

Two Were Mistaken. Brown—"Back to town again? I thought you were a farmer?" Green—"I made the same mistake."

"BAYER CROSS" ON GENUINE ASPIRIN



"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve Headache, Toothache, Earache, Neuralgia, Colds and pain. Handy tin boxes of 12 tablets cost but a few cents at drug stores—larger packages also. Aspirin is the trade mark of Bayer Manufacture of Monocetate-salicylic acid.—Adv.

GREEN'S AUGUST FLOWER

Useless Quest. He—I am going tonight to see a mind reader. She—What good will that do you?

In the good old summer time when fruits of all kinds are getting ripe and tempting, when cucumbers, radishes and vegetables fresh from the garden are too good to resist, when the festive picnic prevails and everybody overcasts and your stomach goes back on you, then is the time for "August Flower," the sovereign remedy for tired, overworked and disordered stomachs, a panacea for indigestion, fermentation of food, sour stomach, sick headache and constipation. It gently stimulates the liver, cleanses the intestines and alimentary canal, making life worth living. Sold everywhere. Adv.

HOW RHEUMATISM BEGINS

The excruciating agonies of rheumatism are usually the result of failure of the kidneys to expel poisons from the system. If the irritation of these uric acid crystals is allowed to continue, incurable bladder or kidney disease may result. Attend to it at once. Don't resort to temporary relief. The sick kidneys must be restored to health by the use of some sterling remedy which will prevent a return of the disease. Get some GOLD MEDAL Hamlet Oil Capsules immediately. They have brought back the joys of life to countless thousands of sufferers from rheumatism, lame back, lumbago, sciatica, gall stones, gravel and other affections of the kidneys, liver, stomach, bladder and allied organs. They will attack the poisons at once, clear out the kidneys and urinary tract and the soothing healing oils and herbs will restore the inflamed tissues and organs to normal health. All others are imitations. Ask for GOLD MEDAL and be sure the name GOLD MEDAL is on the box. Three sizes, at all good druggists.—Adv.

THE CONDITION.

"Don't you believe in getting next to the soil?" "Yes, if you are able to strike pay dirt."

To Have a Clear Sweet Skin.

Touch pimples, redness, roughness or itching, if any, with Cuticura Ointment, then bathe with Cuticura Soap and hot water. Rinse, dry gently and dust on a little Cuticura Talcum to leave a fascinating fragrance on skin. Everywhere 25c each.—Adv.

One hundred and fifty thousand persons in the United States die from tuberculosis each year.

MURINE'S Rests, Refreshes, Soothes, Heals—Keep your Eyes Strong and Healthy. If they are Smart, Itch, or Burn, if Sore, Irritated, Inflamed or Granulated, use Murine often. Safe for Infant or Adult. At all Druggists. Write for Free Eye Book. Murine Eye Remedy Company, Chicago, U. S. A.

Way of the Schoolboy. Teacher—Now, Willie, suppose you were to hand a playmate your apple to take a portion of it, wouldn't you tell him to take the larger piece? Willie—No. "You wouldn't! Why?" "Cos it wouldn't be necessary."

A torpid liver prevents proper food assimilation. Turn up your liver with Wright's Indian Vegetable Pills. They act gently. Adv.

Two's company and three is grist for the divorce mill.

Clear Your Complexion with This Old Reliable Remedy—HANCOCK'S SULPHUR COMPOUND

For pimples, black-heads, freckles, blotches and skin eruptions, HANCOCK'S SULPHUR COMPOUND is the most effective blood purifier known. It cleanses the blood, and a few drops in a glass of water gets at the root of the trouble and purifies the blood. Physicians agree that sulphur is one of the most effective blood purifiers known. Remember, a good complexion isn't skin deep—it's health deep.

Be sure to ask for HANCOCK'S SULPHUR COMPOUND. It has been used with satisfactory results for over 25 years.

50c and \$1 the bottle at your druggist's. If he can't supply you, send his name and the price in stamps and we will send you a bottle direct.

HANCOCK LIQUID SULPHUR COMPANY, Baltimore, Md.

THE "BLUES" Caused by Acid-Stomach

Millions of people who worry, are despondent, have spells of mental depression, feel blue and are often melancholy, believe that these conditions are due to outside influences over which they have little or no control. Nearly always, however, they can be traced to an internal source—acid-stomach. Nor is it to be wondered at. Acid-stomach, beginning with such well defined symptoms as indigestion, belching, heartburn, bloating, etc., will if not checked, in time affect to some degree or other all the vital organs. The nervous system becomes deranged. Digestion suffers, the blood is impoverished. Health and strength are undermined. The victims of acid-stomach although they may not know the cause of his ailments, feel his hope, courage, ambition and energy slipping. And truly life is dark—not worth much to the man or woman who has acid-stomach! Get rid of it! Don't let acid-stomach hold you back, wreck your health, make your days miserable, make you a victim of the "blues" and gloomy thoughts! There is a marvelous modern remedy called EATONIC that brings, all such quick relief from your stomach misery, restores your stomach to rights, makes you strong, cool, sweet and comfortable. Helps you get back your strength, vigor, vitality, enthusiasm and good cheer. So many thousands upon thousands of sufferers have used EATONIC with such marvellous results that we are sure you will feel the same way if you will just give it a trial. Get a big 50-cent box of EATONIC—the good tasting tablets that you eat like a bit of candy—from your druggist today. He will return your money if results are not even more than you expect.

EATONIC FOR YOUR ACID-STOMACH

There's No Other Cream Like Mystic Cream

The original and perfect greaseless Toilet Cream. Ask your druggist for it. 30c and 60c. MYSTIC CREAM CO., MIDDLETOWN, N. Y.

Every Woman Wants Partine ANTISEPTIC POWDER

FOR PERSONAL HYGIENE. Dissolved in water for douches, leucopelvic catarrh, ulceration and inflammation. Recommended by Lydia E. Pinkham Med. Co. for ten years. A healing wonder for nasal catarrh, sore throat and sore eyes. Economical. Has extraordinary cleaning and preservative qualities. Sample Free. 50c all druggists, or purchased by mail. The Partine Toilet Company, Boston, Mass.

Accountants—Learn install systems; original commercial systems; 21, Broadway, Industrial Systems Co., 16 Fifth Ave., New York.

W. N. U., BALTIMORE, NO. 31-1919.