FEEDING THE FANCY HORSE.

The ration for driving and saddle horses should be different from that of the average work horse. This is due in a large measure to the peculiar demands of such animals.

They should be fed much less roughage in proportion to their size than horses at ordinary work, writes a Kentucky breeder in Farm Progress. The roughage should also be of a different nature.

The driving and saddle horse must have plenty of endurance, thus must be fed roughage which will not in any way cause looseness of the digestive system, or "washiness," as it is generally known.

In this respect timothy hay seems to be the very best kind of roughage for such animals. Mixed hay does fairly well where the horses have very light work to perform. Clover hay when dusty is very likely to cause wind trouble. When good, pure clover hay is fed it is too loosening. Thus a driving or saddle horse fed on this kind of a ration is soft and "weasly."

Millet may be fed in very small quantities. Good pure oat or barley straw may be used in small quantities.

For grain nothing is equal to good, clean, heavy oats. Other foodstuffs may be equal as best and best producers, but they do not possess the

LAST MARK, A MISSOURI BEAUTY.

stimulating qualities which are found in oats. This is supposed to be due to a specific albuminoid which is found only in the oat grain.

It gives the horse his fire and snap, which are so desirable in the driving and saddle horse. Oats should form the major portion of the ration. Some other feedstuffs can usually be added to the oat ration and by so doing reduce the cost. Some bran, shorts, corn, gluten feed, barley, wheat and a great variety of other feedstuffs might be mentioned in this connection. Oats should always constitute at least one-half or, better still, two-thirds of the ration fed. For instance, a ration of three parts oats, two parts corn and one part of either bran, shorts or gluten feed will give good results.

In regard to the amount of roughage and grain to be fed, it will vary some, depending on the amount of labor to be performed. It is not best to feed over ten or twelve pounds of hay and from twelve to fifteen pounds of grain to a horse regularly engaged.

For horses which have light work about the same amount of roughage and from six to ten pounds of grain should be fed. This will have to be regulated by the amount of labor being performed. It is not necessary to cut the roughage or grind the grain for horses which have good teeth and plenty of time to feed. Steamed feed or a mash of some kind should be fed at least twice a week.

Some green feed during the summer season and roots during the winter months should be supplied. They will have a favorable influence on the health of the animals.

The watering of these animals is an especially important matter. They should always be watered before being fed grain and should not receive any for at least two hours after feeding. It is not best to give driving and saddle horses a large quantity of water at one time, especially just preceding a drive, as it is very likely to affect the digestive system and may cause the animal to scour.

The horse which is required to make a long drive should receive water every two hours, especially in warm weather.

Buying Stock Cattle.

In selecting steers for feeding purposes we prefer good, thrifty yearlings if we can get them. We then get both growth and gain, says a New York breeder. The weight averages from 550 to 600 pounds and costs from 5½ to 6 cents a pound. We buy in early fall if possible and feed light grain ration during the winter, finishing on grass the following summer. Our greatest profits have been made from a medium grade of cattle, as they cost less at the beginning and make good beef if handled properly. We feed about twenty head each winter. Do not pay too much for stock, and above all, do not buy scrubs at any price.

Breeding That Pays.

How often do we read in the horse market reports that the cushions were offered, chunks and those still poorer go lagging at low prices, while the demand is strong, with prices ruling high, for the best horses of every type. It pays to raise good horses for the market. It costs little more to raise a $200 horse than one which will bring only $75.

SHEEP SCAB.

Cause of This Contagious Disease and Best Dips to Cure It.

Scab in sheep is caused by a parasite scarcely visible to the naked eye. The eggs hatch in from three to ten days, and under favorable conditions the product of one female in three months is 1,000,000. The disease is contagious and may be contracted by touching the sick animal or from anything that has touched it. The mites have been known to live apart from the sheep on wool or other objects for ten days. Those parts of the body covered by thick wool are worst affected. The fleece becomes matted and finally drops off, as shown in the illustration. On account of the intense irritation the sheep bites itself and rubs against posts, trees, feeding racks and the corners of buildings, so that healthy sheep touching these objects are likely to get the disease. In some cases the skin cracks and in others becomes compact and hard, like leather. The mortality from scab has been known to run as high as 75 per cent.

The only remedy is to do a thorough job of dipping and disinfection. Various dips have been approved by the government, among others lime and

A BAD CASE OF SCAB.

sulphur, tobacco and sulphur and numerous coal tar and creosote preparations. Objection to the first two is that they discolor the wool and the tobacco makes the sheep sick. In using the coal tar or creosote dips it is best to get one of the proprietary solutions bearing on the label the endorsement of the agricultural department.

Dipping should be done immediately after shearing in liquid at 105 to 108 degrees, holding the sheep under at least two minutes and immersing the head once. In ten days dip the animals again. Scabby sheep should never be driven along a public road, and all quarters in which they have been should be thoroughly disinfected and left four weeks or more before being again.

THE DAIRYMAN.

Many farmers have good cows and do not know it because they have fed just enough to get a poor yield. Do not condemn the cow until she has had an opportunity to show herself on a few months of liberal feeding.

For Swellings on Cows.

An excellent liniment for all kinds of swellings on dairy cows as well as on other farm animals is made of equal parts of turpentine, sweet oil and spirits of camphor. Apply liberally and frequently to the swollen parts.

Cleaning Dairy Utensils.

Sal soda is excellent for removing fat and disease from milk pails, cans and separators, but soap is best for dirt alone. Sal soda is neither poisonous nor corrosive. Use with water in small proportions.

Cheesy Butter.

The cheesy taste of butter is due to lack of thoroughness in washing and removing the buttermilk. Butter will not keep well if any of the buttermilk remains.

Packing the Silage.

Some men will not let the hired man work in the silo at filling time. They claim that the importance of thorough packing is so great that they cannot afford to intrust it to any hired man. It is true that a slight error or a little carelessness inside the silo will make a great difference in the quality of the silage that comes out in the winter. The air must be completely excluded if decomposition is to be prevented. Unless the silage is thoroughly packed around the edges and, in fact, all through the silo there is sure to be loss.

Improved Butter Making.

An English authority on butter making claims that adding one pound of salt to every gallon of cream immediately after it is taken off the milk aids in ripening the cream and gives from 15 to 20 per cent more butter than cream that has no salt in it. The buttermilk is of course inferior as it cannot be fed to much when it contains so much salt, but its loss is more than made up by the large quantity and better quality of butter, it is claimed.

Medicine For the Pigs.

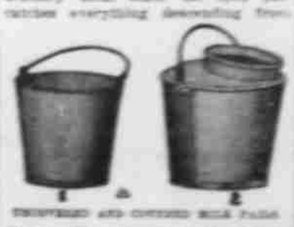
Palatability is a virtue for dogs as so important as for horses and cattle. Change the dog's food occasionally or give him a little dessert occasionally. Wood ashes, salt and charcoal are relished by the pigs and are good medicine. If they have access to a box of these they will take some every day. The ashes are good for worms, and charcoal takes up the acids of the stomach in such a way as to be beneficial. A little lime in the water being careful not to get too much, will be beneficial as a bone builder. The ashes and charcoal will be the same. Some people feed a little lime dust. But it is so much easier to feed what pigs can manufacture yourself. The charcoal and ashes, that one is much more likely to do this than to depend on sending off for something. Place salt in the sink or if not feeding sloppy place it a box or trough where the pig can get at it.

COVERED MILK PAILS.

They Are Best For the Dairy, as Experiments Have Shown.

A prominent dairyman says: We have yet to meet the man who has tried a good kind of covered milk pail and who does clean milk who has not thought there a great improvement over the ordinary open pail. Yet our experience on their use is to the effect that not more than eight cow owners out of ten use them. It would certainly be a good habit for everybody to get into to use no other kind.

It goes without saying that a closed pail will greatly reduce the quantity of ordinary milk, since the open pail catches everything descending from



OPEN AND COVERED MILK PAILS.

above. Experiments have plainly brought out the advantage of covered milk pails, and, while they require somewhat more work of the person who washes the dairy utensils, to one who is interested in pure milk could consider this an argument of more than featherweight description. A good kind of pail is one in which the top fits on as a cover and the milk opening is covered with screening or is fitted with a hoop so that cheesecloth can be used for that purpose. There is little difficulty in thoroughly cleansing such a pattern of pail.

The closed pail is a subject which it would seem local creameries could agitate with direct benefit to themselves. In a way much of the advice offered to the farmers in the interests of purer milk is wasted since it is impracticable, but the covered milk pail is thoroughly practicable. A cow is much less apt to step into it, flies are excluded and sole dependence is not placed on the separator for taking out undesirable solids.

Pail No. 1 in the illustration, from Clarence B. Lane's bulletin, is an ordinary open one, with no provision for keeping out the dust and dirt. He says it should never be used in any dairy. Pail No. 2 is a good sanitary one, with small top provided with a metal strainer. In certified dairies probably better results would be secured by leaving out the strainer. The pail would be improved if stamped from one piece of tin.

THE HORSEMAN.

The harness should be kept soft and pliable. It will not only be more comfortable to the horse, but it can be handled more easily and will last longer.

Ringbone in Horses.

It is hard to successfully treat ringbone after it has become firmly established upon a horse's leg. In the early stages proper shoeing will straighten the foot and relieve the strain which is the cause of the trouble. Ringbone is due to an injury to the tendons of the foot or to bones, sprains or overworking before the bones have been fully formed and hardened. It is regarded as a disease that may be transmitted by heredity.

The Brood Mare.

I never allow a mare to get too fat and feed quite sparingly for a few weeks before foaling. I have worked mares steadily to a couple of days before foaling and have put them to work just a week after and have never had trouble result, but would advise a longer time, at least after. I never let a colt follow the mare unless she is to be put all dry. I do not approve of breeding a mare every spring. Let her wean a colt and breed to the fall every other year. This is the suggestion of H. M. Inman of Washington, who says he has successfully grown horses for fifty years.

A Remedy For Colds.

Horses are frequently troubled with coughs, colds, distemper and lung trouble, frequently attributed to dusty hay. A writer on the subject gives a prescription which he says he has used successfully for over forty years and that his father, a horse doctor of the old fashioned school, used it many years before his time. He says that the remedy is perfectly safe and there is no danger from giving a little over the regular dose. The prescription is as follows: Oil pine tar, one part; oil origanum, one ounce; powdered blood root, one ounce; powdered elecampane root, one ounce. Dose, one tablespoonful from three to five times a day, placed well back of the tongue.

Legs of a Draft Horse.

The construction and set of the hind legs of a draft horse are of vital importance. A great many of the diseases to be found in these regions are largely due to the wrong set of the limbs. In a correctly constructed hind limb, viewing it from the side, a line dropped from the hindermost point of the hoop should strike the top of the hock and touching partially with it at the pastern joint be reached. If the condemnation of the leg be such that the lower part of the leg is thrown more under the body, thus making it more efficient to a strain of a tendon or ligament just below the hock, it is termed "sickle hocked" and it is very likely that it will become curby.

False Economy in Feeding.

There is such a thing as false economy in feeding. If a third more expense in feeding gives you three times the profit you can easily figure out the wisdom of generous rations. Feed wisely but not niggardly.

ALFALFA HOG FEEDER.

Strong Rack With Moving Front to Prevent Waste of Hay.

Hogs are very fond of alfalfa, and they will eat a good deal of it if given a chance. They will also waste a whole lot unless you stand and feed it to them a handful at a time. A rack with a swinging front works very well, says a writer in the Farm Press. The poorhouse the hogs give it will work the hay down within reach until the rack is empty. The openings in front should be large enough to let a hog's head through, but not much larger. The rack may be any length and should be about four feet high and from three feet to three and a half feet wide at the top. Make it strong or they will soon punch it to pieces.

END VIEW

FRONT VIEW

Make the floor tight to hold chaff and lay a floor in front to keep the hogs out of the meal. Bread saves fed all the good alfalfa hay and clean water they want will winter very well if given one good ear of corn each day.

Continuous Cropping.

It has been observed by S. Fraser of New York that mangels and sugar beets grown continuously on the same land for four years were much more susceptible to leaf spot than when grown in a rotation with other crops.

Foley's Honey and Tar cures coughs quickly, strengthens the lungs and expels colds. Get the genuine in a yellow package. Stafrin Drug Co.; M. L. Thompson, Falls City.

The Sublaw people are going to try to make a five plank road from Hale to Mapleton.

Saved His Boy's Life.

"My three year old boy was badly constipated, had a high fever and was in an awful condition. I gave him two doses of Foley's Orino Laxative and the next morning the fever was gone and he was entirely well. Foley's Orino Laxative saved his life." A. Wolkott, Cashmer, Wis. Stafrin Drug Co.; M. L. Thompson, Falls City.

A Wood River, Klamath county ranch of 800 acres was sold last week for $20,000.

A Jeweler's Experience.

C. H. Klinger, The Jeweler, 1060 Virginia Ave., Indianapolis, Ind., writes: "I was so weak from kidney trouble that I could hardly walk a hundred feet. Four bottles of Foley's Kidney Remedy cleared my complexion, cured my backache and the irregularities disappeared, and I can now attend to business every day, and recommend Foley's Kidney Remedy to all sufferers, as it cured me after the doctors and other remedies had failed. Stafrin Drug Co.; M. L. Thompson, Falls City.

The Miller pheasant farm west of Corvallis is caring for about 1,200 birds.

Are You Only Half Alive?

People with kidney trouble are so weak and exhausted that they are only half alive. Foley's Kidney Remedy makes healthy kidneys, restores lost vitality and vigor. Delicate people are restored to health. Refuse any but Foley's. Stafrin Drug Co.; M. L. Thompson, Falls City.

This week the Bandon Woolen mills started an $80,000 order for a Detroit firm and the mill will be run at full capacity until it is completed.

Woman Interrupts Political Speaker.

A well dressed woman interrupted a political speaker recently by continually coughing. If she had taken Foley's Honey and Tar it would have cured her cough quickly and expelled the cold from her system. The genuine Foley's Honey and Tar contains no opiates and is in a yellow package. Refuse substitutes. Stafrin Drug Co.; M. L. Thompson, Falls City.

A Douglas county man has some Buff Leghorn pullets that were hatched in February that have been laying since the first of August.

Married Men in Trouble.

A married man who permits any member of the family to take anything except Foley's Honey and Tar for coughs, colds and lung trouble is guilty of neglect. Nothing else is as good for all pulmonary troubles. The genuine Foley's Honey and Tar contains no opiates and is in a yellow package. Stafrin Drug Co.; M. L. Thompson, Falls City.

A Milton man shipped to the Pendleton fair 30 apples which, laid in a row one touching another, measured six feet with a quarter of an inch to spare.

Had a Close Call.

Mrs. Ada L. Croom, the widely known proprietor of the Croom Hotel, Vaughn, Miss., says: "For several months I suffered with a severe cough, and consumption seemed to have the grip on me, when a friend recommended Dr. King's New Discovery. I began taking it, and three bottles effected a complete cure." The same of this life saving cough and cold remedy, and lung and throat healer is world wide. Sold at Belt & Cherrington drug store. 50c and $1.00. Trial bottle free.

Ellensburg's new water tower is of steel and the frame is 75 feet high. The tank is of wood, and holds 30,000 gallons. This gives the city a reserve of 90,000 gallons.

Where Bullets Flew.

David Parker, of Fayette, N. Y., a veteran of the civil war, who lost a foot at Gettysburg, says: "The good Electric Bitters have done is worth more than five hundred dollars to me. I spent much money doctoring for a bad case of stomach trouble, to little purpose. I then tried Electric Bitters, and they cured me. I now take them as a tonic, and they keep me strong and well." 50c at Belt & Cherrington drug store.

Several Tillamook citizens have made arrangements to rebuild the Tillamook Lumbering company sawmill which was burned down last October.

Would Mortgage the Farm.

A farmer on Rural Route 2, Empire, Ga., W. A. Floyd by name, says: "Bucklen's Arnica Salve cured the two worst sores I ever saw; one on my hand and one on my leg. It is worth more than its weight in gold. I would not be without it if I had to mortgage the farm to get it." Only 25c at Belt & Cherrington drug store.

On a farm near Wallowa wheat went better than 40 bushels to the acre—40 bushels on 15 acres. Barley and oats yielded 60 to 65 bushels to the acre, and hay made from 2½ to 3½ tons to the acre.

A Healthy Family

"Our whole family has enjoyed good health since we began using Dr. King's New Life Pills, three years ago," says L. A. Bartlett, of Rural Route 1, Guilford, Maine. They cleanse and tone the system in a gentle way that does you good. 25c at Belt & Cherrington drug store.

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INDEPENDENCE & MONMOUTH Railway.

FROM INDEPENDENCE.

FOR DALLAS.

Train No. 85. Leave Independence daily, 6:00 a. m.; lv. Monmouth, 6:30 a. m.; ar. Dallas, 8:40 a. m.

Train No. 85. Leave Independence, daily, 10:30 a. m.; lv. Monmouth, 11:00 a. m.; ar. Dallas, 12:30 a. m.

Train No. 71. Leave Independence, daily, 4:15 p. m.; lv. Monmouth, 4:50 p. m.; ar. Dallas, 6:30 p. m.

FOR ARLIE.

Train No. 67. Leave Independence, daily, 7:30 a. m.; lv. Monmouth, 7:45 a. m.; ar. Arlie, 9:15 a. m.

Train No. 73. Leave Independence, daily, 3:30 p. m.; lv. Monmouth, 3:50 p. m.; ar. Arlie, 4:25 p. m.

FOR MONMOUTH ONLY.

Leave Independence, daily, 2:00 p. m.

No. 10 arrives Monmouth 7:20 a. m.

FROM DALLAS.

FOR INDEPENDENCE.

Train No. 85. Leave Dallas, daily ex. Sunday, 8:30 a. m.; lv. Monmouth, 9:55 a. m.; ar. Independence, 9:55 a. m.

Train No. 85. Lv. Dallas, Sunday only, 4:30 a. m.; ar. Independence, 7:30 a. m.

Train No. 68. Leave Dallas, daily, 1 p. m.; lv. Monmouth, 1:25 p. m.; ar. Independence, 1:40 p. m. (This train connects at Monmouth for Arlie.)

Train No. 72. Leave Dallas, daily, 7:30 p. m.; lv. Monmouth, 8 p. m.; ar. Independence, 8:15 p. m.

FROM ARLIE.

Train No. 66. Leave Arlie, daily, 9:4. m.; lv. Monmouth, 9:20 a. m.; ar. Independence, 9:35 a. m. (This train connects at Monmouth for Dallas.)

Train No. 72. Leave Arlie, daily, 2:00 p. m.; lv. Monmouth, 2:40 p. m.; ar. Independence, 3:05 p. m.

Train No. 10. Leave Arlie 4:40 p. m. SUNDAY only; arrives Monmouth 5:20 p. m. arrives Independence 5:30 p. m.

FROM MONMOUTH ONLY.

Leave Monmouth for Independence, daily at 2:00 p. m.

KILL THE COUGH AND CURE THE LUNGS
WITH Dr. King's New Discovery
FOR COUGHS COLDS
PRICE 50c & $1.00. Trial Bottle Free
AND ALL THROAT AND LUNG TROUBLES.
GUARANTEED SATISFACTORY OR MONEY REFUNDED.

TEA
New York is too far from Japan; San Francisco is nearer.
Your grocer returns your money if you don't like Schilling's Best: we pay him

How's This!
We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. CHENEY & CO., Props., Toledo, O.
We the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.
WEST & TRUAX, Wholesale Druggists, Toledo, O.
WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.
Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all Druggists. Testimonials free.
Hall's Family Pills are the best.

ATTORNEY AT LAW
ED. F. COAD,
Office in Courthouse
DALLAS, OREGON

The Secret of a Beautiful Face
lies in keeping the skin protected as well as cleansed. Just washing is not enough—that only leaves the delicate surface more exposed to the irritation of dust and germs, to merciless attacks of sun and weather. After washing, apply Robertine and experience its delightful refreshment. You will admire the line-less softness it imparts to face, neck and arms. It not only stimulates a radiant glow, but protects the skin from becoming coarse. Prevents burning, tan and freckles.
Ask your Druggist for a free sample and TRY
ROBERTINE

WINTER COLDS you need not fear them if you use BALLARD'S HOREHOUND SYRUP
A cough or cold is generally a forerunner of many serious sick spells. It should not be neglected, the human breathing system is a combination of tubes and cells, which must be kept in order to insure good health.
Ballard's Horehound Syrup CURES COUGHS, COLDS, BRONCHITIS, WHOOPING COUGH, CROUP AND ALL PULMONARY DISEASES.
Cured of a Chronic Cough.
J. H. Ellis, Butte, Mont., writes: "I cheerfully recommend Ballard's Horehound Syrup to all people afflicted with chronic coughs. I suffered for years with a chronic cough which would last all winter. Ballard's Horehound Syrup effected an immediate and permanent cure."
25c, 50c and $1.00.
Ballard Snow Liniment Co.
500-502 North Second Street, ST. LOUIS, MO.

Sold and Recommended by
STAFRIN DRUG COMPANY

NR NR
OLD FOLKS
Especially need "Nature's Remedy" (NR Tablets); need it to take the Rheumatism out of their joints; need it to keep their Stomach, Liver, Kidneys and Bowels in good order; need it for the strength and vigor it gives.
Let "NATURE'S REMEDY" Be Your Doctor.
Take a tablet now and then; it will keep your system in such good condition that diseases cannot take hold. Every box is guaranteed to give satisfaction, or the purchase price refunded.
Better, Than Pills For Liver Ills
GET A 25c. BOX.
Nature's Remedy
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BELT & CHERRINGTON, Dallas, Oregon.

FRIEND TO FRIEND.
The personal recommendations of people who have been cured of coughs and colds by Chamberlain's Cough Remedy have done more than all else to make it a staple article of trade and commerce over a large part of the civilized world.
AN INSTANCE.
Lucy Suddreth, of Lenoir, N. C., had been troubled with a very bad cough for over a year. She says: "A friend bought a bottle of CHAMBERLAIN'S COUGH REMEDY, brought it to me and insisted that I should take it. I did so and to my surprise it helped me. Four bottles of it cured me of my cough."

THE NEW IDEA KENNEDY'S Moves the Bowels
THE ORIGINAL LAXATIVE LAXATIVE Best for Children
COUGH SYRUP HONEY AND TAR Red Clover Blossom on Every Bottle
For Sale by Druggists.

FOLEY'S KIDNEY CURE
Will cure any case of Kidney or Bladder Disease not beyond the reach of medicine. No medicine can do more.
Cures Backache
Corrects Irregularities
Do not risk having Bright's Disease or Diabetes
For Sale by STAFRIN DRUG CO. Dallas, and M. THOMPSON, Falls City.