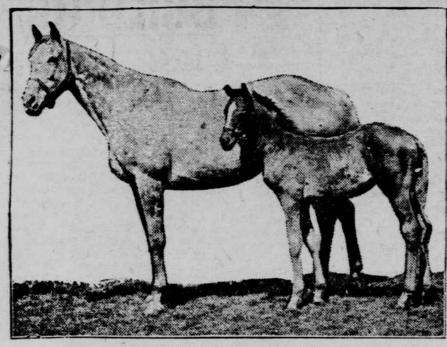
NORTHWESTERN, LOUP CITY, NEBRASKA.

DEVELOPING AND FEEDING YOUNG HORSES



Excellent Type of Mare and Colt.

In feeding and caring for the growing horse, the aim and purpose should

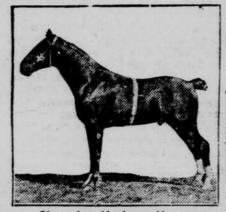
be to secure the greatest possible physical development at the least possible cost. Often the colt is fed too sparingly, with the hope that the growth which it does not make as a

colt will be made at some later time. This is a mistaken idea for the stunted colt will never fully recover. In developing and feeding young, growing horses one should remember that the feed and care they receive during Horses will relish a little prairie hay, the first year or year and a half of their lives determine largely what they will be at maturity.

The young, growing horse must be fed the proper kinds of feed and must be fed liberally. The mineral content of the ration, as well as the protein, the carbohydrates, and the fat, must be carefully considered. The bony framework demands a considerable amount of calcium and phosphorus. The nervous tissues demand phosphorus. The blood demands sodium, potassium, and iron. These, together with sulphur and mugnesia, are the most important forms of inorganic matter needed.

Experience has shown that colts make a better growth on a ration of corn and alfalfa hay than on corn and timothy or prairie hay. This difference is due as much to the difference in mineral content of the two rations as it is to the difference in the digestible nutrieats.

It so happens that most of the feeds that contain large amounts of mineral matter-alfalfa hay, bran, and linseed



(By DR. C. W. M'CAMPBELL, Assis-tant Professor of Animal Husbandry, Kansas Agricultural College.) cost in any particular locality. The best results in developing young, growing horses will come, however. only from those combinations which are rich in mineral matter and protein

with any kind of pasture. The grain

Linseed meal, while not absolutely necessary when bran and alfalfa hay are used, gives the coat a glossy appearance, indicating thrift and good condition, and also seems to stimulate and assist digestion and assimilation.

straw, or corn fodder when fed large amounts of alfalfa hay. During the summer the cheapest. and probably the best, ration for the growing horse is pasture grass of some kind. If the pasture is good, lit-

tle, if any, grain will be necessary for average growth. If, however, the pasture is poor, if the season is dry, or if the colts do not continue to grow and remains thrifty and in good condition, it will be necessary to feed some grain, especially to the sucklings and the yearlings. If the maximum of growth and development is desired, it will be necessary to feed some grain become equally cold.

portions of the rations suggested are Fruit Salad. well suited to this purpose. Horses This delicious and ever welcome should have access to stilt at all times. Another important natter in developing growing animals is the water supply. Often a water shortage for a lew days, or even weeks, does not cause much concern cr alarm, or a plentiful supply of stagnant or even filthy water is deemed sufficient, but either condition is a serious detriment to the growth and thrift of the young animal. It is just as important, particularly in summer, that growing animals have a plentiful sipply of clean, pure water as it is that they be well Aside from feeding, probably the

treuse. This is a most refreshing dish, suitable to all seasons of the most important consideration in developing growing horses is the care year, but more especially for hot sum of the feet. Many of the poor feet mer days. seen in horses are the result of neg-

Baked Custard.

HOUSEWIVES SLOW TO ABANDON ANTIQUATED METHODS.

But There Are Many New Ways of Cooking That Are Superior to Those That Have Been Long in Use-Here Are a Few.

CLING TO OLD IDEAS

Most of us believe what we are told. If you tell a child a lie, it will believe it as readily as the truth very often. If you tell anybody that a tin pan on an asbestos mat is very hot, he will believe you, very probably, and be careful not touch the pan, although it may be cold. So it is with the lore of cooking-most of us believe it, take it for granted. It has descended to us, it has been told to us by others. And few of us experiment for ourselves to prove its truth.

So it is that we beat eggs with a fork, laboriously, when we wish to have them especially light. We have learned to believe, because we have been told so, that eggs beaten with a fork are lighter than eggs beaten with a Dover egg beater. They are not. That is the decision of a very careful cook, who has experimented with both kinds of eggs. So why waste arm muscle using a fork, when an ogg beater does the work in half the time and less? Another thing we have believed for

years is that gelatin, if boiled, would not jelly. It will. Boiling does not seem to affect it-again, according to careful experimentation. When jelly, made of fruit fuice and

sugar, will not jelly, it sometimes needs less sugar, rather than morethat is to say, there is so much sugar that a thick sirup instead of a jelly results, and so more fruit juice must be added to bring the right results.

Another bubble to prick-it is not necessary to have cold oil and eggs, bowls and spoon for making mayonnaise. What is necessary is uniformity of temperature. If the oil has been standing in the temperature of the room, let the eggs and bowl stand there until they are all approximately of the same temperature. If the oil has been next to the ice, put the bowl, the spoon or beater and the egg there to

dish is made by slicing or cutting into dice various kinds of fruits, fresh or preserved, such as peaches, apricots, bananas, pineapple, orange etc. Arrange the fruit in layers in a salad bowl or deep glass dish, sprinkle each layer of fruit with sugar, and pour over a little good sherry or Madeira of this form of wealth. The Imperial wine, one or two wineglassfuls. ac Gazetteer of India described 50 years cording to the quantity of fruit used, also a small quantity of plain sirup. Place the bowl on the ice for about sapphires and emeralds, valued at \$5. two hours. Just before serving add a small glass of liquor, such as Kirsch pearls and great diamonds which have wasser, Curacao, Benedictine or Char-

one-half cupful sugar, one-fourth tea-

and Quaint "Mother Goose" Book-

SAMPLE

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The Spiritual Life. "Spiritual music can only come from discords set in unison," said who assist the Jesuits. In the observ. Carlyle. It would be worth the time atory an electrical reflector has been and space of a whole sermon to diplaced with which it is possible to late upon that wonderful truth. Good search the now dangerous depths of comes not from an easy, languishing

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life, where virtue meets no opposition and where courage encounters no defiance. All discords are created by can. It was thought at first a good divine love to make spiritual music idea to place an observation station out of. Those who do not meet with upon the cupola of St. Peter's as was such discords will not hear such mudone in 1870, but this idea was aban sic. Such experience is left for sacrifice to turn into harmony. Do you A most scrupulous guard has been meet a triend who may seem to turn

stories of how the pope is about to placed about the palaces of the Dat against you, don't leave him till the aria and the Cancelleria and the harmony is restored, not by appeal flee to Spain for safety continue to Propaganda of the Faith beneath the or instruction, but by the union of

your own life. This may seem sent!

ment, but remember the spiritual tife

is as harsh and exacting as the ma-

terial life. These are days that need

so much of this fine philosophy, not

ing tendency toward the dalliance of

and therefore never hear any spirit-

ual music .-- Ohio State Journal.

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is the largest

selling gum

in the

world

28 pages lithographed in four colors

Champion Hackney Horse.

meal-also contain large amounts of digestible protein, the muscle-forming element, so that it is evident that these feeds should onter largely into a ration to be fed the young, growing horse during that part of the year when grass is not available. With bran, linseed fleal, and alfalia hay, there must be combined oats, corn, barley, kafir, millo, or emmer. Cowpea hay or clover hay may be substi- greally in developing big, well shaped, tuted for alfalia hay. The combina- strong, healthy feet.

PROPERLY STORING SHEEP RAISING IS **UNDERGOING CHANGE** WINTER SQUASHES Western States Expected to Turn One of Most Valuable Vegetables

Will Keep Until Spring-Put in Dry Cellar.

(By E. P. SANDSTEN. Colorado Experiment Station.

Squash is one of the most valuable western range states will turn out winter vegetables and when fully ripe fewer feeding sheep and lambs and and properly stored wil keep until mo"e fat ones for the eastern market. spring.

Only well-ripened squashes should be stored and these should be gathered before frost, as a frost of gverage severity will impair their Leeping for West. qualities. Never pull squashes from the vines, but cut them with a knife, leaving about an iach of stem sttached. If the skir or shell is not hard, keep the squashes in small piles and uncovered during the day, but covered during the right.

The furnace-room is the best storage, but any dry place having a temperature of 55 to 75 degrees is good. Racks or shelves should be provided so that the squashes will not be over two in thickness. The success cf keeping the squash's from decaving depends largely upon high temperature and dryness.

Supply Plant Food.

In the production of a crop quality is to be considered If a plant food element is needed to improve the quality of grain, it should be supplied.

New Corn is Risky.

It is risky to feed much new corn. Overfeeding on new corn is as bad for chickens as it is for pigs.

Unavailable Plant Food.

Plant food in the soil that is unavailable is just the same as if it were not there. Plant food in large clods and unpulverized soil will not do much towards feeding the plant.

Separator Cream is Best. Separator cream makes better butter than cream by other methods, because it is clean.

Selection of Ram. Use great care in selecting the ram

"he flock. to he '

spoonful salt, few gratings of nutmeg. sult from cracking or breaking of the hoof. Neither should the heels be al-Beat eggs slightly, add sugar and salt. lowed to become high narrow, or rolled. If these ill shapes are not correctid, the feet, and to some extent the loss, respond to these influences. and the horse matures with poorly shared feet and often poorly set legs. Beware of thrush and kindred troubles If the stables are kept clean

grow abnormany long and

lect of the feet while these horses

were young. The toes should not be

ill shaped, as serious trouble may re-

Out More Fat Animals for

the Eastern Markets.

The American Stockman says that

This is equivalent to saying that the

days of free range sheep raising are

about over, and that sheep will soon

be raised under farm conditions in the

It also means the equalizing of op-

portunities for the eastern sheep

The cheap hill pasture lands of the

East afford excellent advantages for

Cull the Poultry Flock.

all of your small specimens and the

ones that do not show some good signs

to produce some good stock. Sell all

of your cockerels now, do not attempt

to keep them, as they will consume

Success With Poultry.

try industry will insure success, and

mismanagement will ruin and render

New Runs for Ducks.

Provide new runs for the ducks, and

sow the old runs to rye. This will

keep on growing during the fall and

Be Careful of Wheat Seed.

Be careful of your wheat seed this

fall. If there is any smut at all in

it, treat it before seeding. Our land

and labor cost too much money to be

Get Rid of Insects.

Place for Churning.

Churn in a clean, cool, place, where

rid of many hibernating insects.

Fall plowing, with some hens follow-

used to produce smut.

there are no bad odors.

Rational management of the poul-

incre feed than they are worth.

I o not neglect to cull out and sell

seper.

the raising of sheep.

it unprofitable.

winter.

the time is not far distant when the

pour on slowly scalded milk, strain in buttered mold, set in pan of hot wa-Sprinkle with nutmeg and bake ter. in a slow oven until firm-which may be readily determined by running a silver knife through custard. If knife comes out clear custard is done. During baking care must be taken that water surrounding mold does not reach and sanitary there will be very little boiling point, or custard will whev, trouble from this source. Careful at-Eggs and milk in combination must tention to these details will help be cooked at a low temperature. Mending Curtains.

Try this method of mending lace curtains: After washing carefully, place curtain on frame. Take a needle and use thread according to curtain. Do not knot but tie end of thread to curtain and then proceed to weave in and out curtain as near like the nattern as you can. Small holes may be drawn together. For the larger holes you can readily see what is best to

be done. If the curtain begins to dry just take a cloth wet in the starch and apply around the holes. When curtains are hung these places will hard ly show.

Rice Chicken Pie.

Boil until tender one chicken or a good fowl, barely covering with water: remove and boil two cupfuls of rice in the same water; salt while boiling: put the rice into a dish and stir in one teaspoonful of butter, one and one-quarter cupfuls of hot milk and two beaten eggs; season with salt and pepper, put a layer of chicken in a baking dish and then a layer of rice, and so on, until the dish is full, having rice on top; dot with butter and bake till brown.

Cauliflower Salad.

Trim and boil one firm head of fresh cauliflower in fair water until tender, but do not allow it to boil soft Remove from the fire and drain. When cold slice thinly then allow to marinate one hour in highly seasoned French dressing. When ready to serve drain and lay on fresh lettuce leaves, sprinkle with pepper. Place a heaping tablespconful of mayonnaise

on top of each portion.

Toast neat slices of bread, butter and trim the crusts from them. Drain, dry and broil small oysters till their edges begin to curl, then spread them over the toast. Sprinkle with salt and cover thickly with finely chopped celery Pour a cupful of hot cream sauce over the dish and piace in the oven for a few moments. Serve very hot

Creen Corn Balls. Grate enough corn from the cobs to ing the plow, is a good way to get make two cupfuls; into this stir a beaten egg. a teaspoonful each of sugar. melted butter, with salt to taste Add enough flour to enable you to form the mixture into balls; roll these in flour and fry in deep fat

cluding nematodes or thread-worms, oligochetae, tardigrades or bear animalcules and rotatoria or wheel animalcules, which are worms less than one-fiftieth of an inch long.

less minute animal organisms,

Wealth in India.

Immense fortunes in India are in

jewels, but there is no authoritative

method of computation of the extent

ago a shawl of pearls, with an

arabesque border of diamonds, rubies,

000,000. There are tales of carpets of

Work of Small Creatures.

that the work of the earthworms is

completed, not only by bacteria.

fungi and algae, but also by count-

in-

It has been learned quite recently

become world-famous.

Every

is

package

sealed

air-tight

Love's Way.

"Of course, he hasn't any money. but Charlie says love will make a way.

"Yes, I noticed it will," said the father. "Thus it's made away with about twenty-eight dollars worth of electricity."

The Saving Afterthought. "I suppose you have said things that

you were sorry for?" "Oh, yes," replied Senator Sorghum But I've always managed to show that I was misquoted."

One mine in New Zealand last year produced \$13,821,651.

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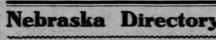
World's largest manufacturers of Roofing and Building Papers or Tork City Chicago Philadelphia St. Loui isstem Cleveland Pittchurgh Detroit San Francisco incimati Minasapolis Kassas City Santh thanta Heaston Louisen Hambarg Sydney

Boys and Girls Make Mone

ausic for Chas. E. Harris, the famous er. Big field; quick sales and large pro

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HOG CHOLERA ed. For pas

Quirinal regularity, it is interesting to know It is believed the treasure of the what is really going on to protect the head of the historic church.

propaganda may have been transported to the subterranean vaults of the That the Vatican is protected by Vatican or elsewhere. Remington and Wetterly arms gives At night the apostolic palaces are to say religion, that there is a sweepquite a modern touch to the picturwrapped in darkness, as is wise in a esque pile. The protection offered

city within the war zone, for the and given by the Italian government church has learned its lessons from is interesting to analyze on account of Reims and its other despoiled religthe relations between church and ious houses.

Agreed.

state. Benedict XV has no need to It is clear how vigilant an eye the worry for his safety, as the governgovernment keeps on the Vatican and ment of Italy not only gives protechow careful is its protection. tion but has offered far more than

Maggie?

power.

without deteriorating.

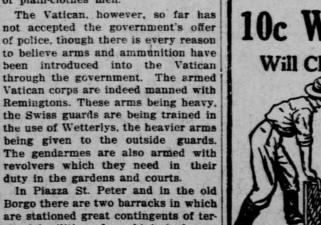
what trouble really is.

he would accept. As to the internal security the Italian police could take no steps, as Brand, 35c the lb., in sealed cans. the Vatican is considered a "foreign state." The Italian government be sought the pope to accept, if it so pleased him, whatever armed forces he saw fit for the pontifical property. of your Seminole dealer. Those men would be exempt from military duty to the Italian government. -Adv. Moreover the government offered the pope the necessary protection of modern arms and ammunition.

Benedict XV. always practical, declined the offer of men, being un desirous of increasing the number of Vatican armed guards, especially since he had military service to perform or who wished to go as volunteers to file at once peneath the banner of the Patria. The holy father is credited with saying to Cardinal Gasparri "Let all go who have the obligation,

let all go who have the desire, and let them know that not a solda will be deducted from their pay and that their places will be waiting for them. But let us not talk of accepting the offer of the government for more menthat would be the same as converting the Vatican into a haven of poltroons."

The government, knowing how the apostolic palaces are infested with Austrian spies, who as visitors to the great museums and galleries as alleged students of the libraries, have ears and eyes open, suggested an army of plain-clothes men.



are stationed great contingents of territorial militia and carabinieri who are in constant contact with detectives in uniform and in plain clothes, who in turn are stationed at the famous bronze doors in the Via della Fondementa along the outside wall of the Basilica Saint Peter. At the Cavalleggeri gate and the Angelica gate are two stations of Carabiniri, reinforced by a great body of territorial militia Protection of the Vatican meteorologi-

Beautiful, clear white clothes delights the laundress who uses Red Cross Ball Blue. All grocers. Adv. There are said to be 800 uses for the palmyra palm, which grows For a really fine coffee at a modthroughout tropical India. erate price, drink Denison's Seminole The door of hope swings both ways. Only one merchant in each town sells Seminole. If your grocer isn't the one, write the Denison Coffee Co., Chicago, for a souvenir and the name A New Delight Buy the 3 lb. Canister Can for \$1.00. 1/10 Chili Sadie-Say, honest now, do you like Con Pauline-Well, she's got a good Carne heart an' she means well, but-With real Bayou beans, or plain. Made after the real and famous Mexi-can formula. The seasoning is most piquant—a zestful tasty dish anywhere Sadie-Neither do I.-Puck. There is a tax of 40 guineas in England on motor cars of over 60 horse -any time. Libby, MCNeill & Libby A textile made in China from raw Chicag silk can be buried in the earth a year Look And lots of people who think they for the have nothing but trouble don't know Insist triangle Libby's A seismograph invented by a Jap-

on



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