

southeast was opened. This was constructed of rough boards. A self-

cutive days at the beginning of the right age for breeding in the experiment and the average of this tumn. was taken as the correct weight. experiment was taken. Where there weighing great difference, a third weighing was made the following day. All materials fed to the animals : were weighed and recorded. The foods unweighed and recorded. The foods unweighed and weighed. The while confined in small pens, will prove at best unsatisfactory breeders. In the summer, exercise is eastern the use of pasture, grain was fed three times a day, ily secured by the use of with stover at night and hay in the but winter conditions at the twice a day, and stover in the morning. It was on the part of the herdsman to atthought that more stover would be tain the desired end. Sows will gain eaten by this method than the other, with a considerable saving of clover

ate slightly more grain and stover scattering grains of corn or oats than Lot 1. On the other hand, Lot very thinly over the feeding floor. 1 ate more clover hay than Lot 2. in the open shed proexpense of a somewhat greater amount of food. It is not clear that the lower temperature to which Lot 2 was exposed was the cause of the duced a slightly smaller gain at the

BREEDING SOWS.

main points considered are comparative gains in live weight, health and fine, but strong and finer than in the earth ventilators. In caves

steers were divided into two lots of limbs are medium to both the breed; neck should enter at the bottom of the cave, and be so constructed as to act and depth with the breed, even width at the shoulders, sides and hams; the into the cellar. Tiling should be less than 12 in number and they should be well placed.

The selection of the sows for breed-

some time after the pigs are weaned. As they frequently change considerably in form after this time, the final choice should be delayed as long as possible, except the shelter.

Shredded corn stover and clover hay were fed. The grain ration consisted of 12 parts corn and cobmeal and one part cottonseed meal. This was fed to February 11, after which, to the close of the experiment corn meal and cottonseed meal were fed in the same proportions. The steers were weighed on three consecutive days at the beginning of the cutive days at the beginning of the consequence of the consequ

The age at which to breed sows is During the experiment they were weighed two consecutive days every should not be bred under the age of second week, the average of which Where there was a very earlier would tend to arrest develop

Up to December 11, ers. In the summer, exercise is easthree times a day, ily secured by the use of pasture, After that the grain was a day, with hay at night in the morning. It was on the part of the herdsman to atis not too cold if turned into sheltered yards, where horses and cattle At the beginning of the experiment will not annoy them. If litter from ot 1 averaged nine pounds less than At the beginning of the experiment the stable is thrown in the yard, extended 1 averaged nine pounds less than the stable is thrown in the yard, extended 2. At the close of the experiment eries will be gained while working this over in search of waste grains.

STORE CAVES FOR FRUIT.

Some years ago fruit growers It is a Subject That Puzzles 2 was exposed was the cause of the difference, as the record of the temperature for two weeks does not show any particular relationship between temperature and gains. On the whole, while the bran-fed lot appear to have given slightly better results, the difference was not very marked. In view of the wide difference observed between individual animals in each lot, it is not at all impossible that the selection of animals in each lot, it is not at all impossible that the selection of animals in each lot. was the cause of the business and about do away with or-the record of the tempossible that the selection of animals and conditions other than temples. I know of nothing more deperature which surrounded them had sirable than first-class Genet apples maze of glaring contradictions and

Three things of great importance in the treeding of swine are ancestry individuality and form. In commercial pork production, purity of blood in the sow is not so essential as with the boar, but good performance in the ancestry with reference to feeding, breeding and nursing qualities is important.

Among general individual qualities, size, strength of bone and length of coupling are very important. The direction of Prof. T. I. Mairs. The main points considered are comparative benefits and the bone medium to large for the breed and the breed and the breed and the breed and the ers should hear in mind that it does

Good results are obtained by sub-such ventilators. In caves these vigor of the animals as indicated by the amount of food consumed and but it would not be well to have the the amount of food consumed and but it would not be well to have the ground will permit, preferably so the relative economy of the method so far as it relates to the amount of feed consumed per pound gained. The sirable form, the head, neck and steers were divided into two lots of limbs are medium to strong in size, the breed process of the most desirable form, the head, neck and limbs are medium to strong in size, the six size, the limbs are medium to strong in size, the six size is size is size. Lot 1 was fed in a large pen or box stall in the basement of the college barn. Lot 2 was fed in the yard adjoining the barn. A shed 14x40 feet was built across one side of this yard to give shelter to the animals. It was inclosed at both ends, while one side toward the ends, while one side toward the essential toward the southeast was opened. This was should be well placed.

at the shoulders, sides and hams; the top and bottom lines parallel, except that the top line should be a little arched in some breeds; the hair should be fine, especially on the neck and withers; the body should be deep and symmetrical in form, and the teats should be not less than 12 in number and they should be well placed.

Tiling should be cut state was considered into the cellar. Tiling should be maintained for the exclusion of foul atmosphere in the cave. By the use of this system of ventilation, outside air is cooled and circulated in the cave while all impurities are commercial, seem to have pression on the cave while all impurities are less than 12 in number and they should be well placed. the shed and one in the barn. Both lots of animals had plenty of fresh water. The aim was to treat all as nearly alike as possible, except the his way clear to build such a stor-

The summer months are a bad time for babies, and an anxious time for Fermentation and decommothers. position in the stomach and bowels are the cause of the many summer weather months are more fatal to weather months are more fatal to little ones than any other season. did not take me long to imagine that I had swallowed ten grains of that I had swallowed ten grains of morphine and was good for an excursion somewhere. I made lightstipation, diarrhoea, and stomach troubles, and are guaranteed to contain no opiate or harmful drug. Mrs. Walter Rollins, Sissons Ridge, N.S., says:—"Before using Baby's Own Tablets my little one cried almost Tablets my little one cried almost explained, and so I called round to continuously with stomach troubles. It can truthfully say I never had any medicine act so promptly and give such satisfaction as the tablets do. him, "but do you make a regular such satisfaction as the tablets do." medicine act so promptly and give such satisfaction as the tablets do. If do not think you make any claim for them which their use will not substantiate."

The tablets can be have poisoned me—

"By John, man," I yelled at the box.

"By John, man," I yelled at substantiate." The tablets can be nave poison.

In tablets can be nave poison.

"Those are quinine, sure enough, with the interrupted, as he opened a capsule and tasted. "You can go back to bed, stranger."

"But I want to know about this."

RULES FOR LONGEVITY.

Many a Man.

insert a hundred; and even the centenarian is quite content to keep on the centenarian is quite content to keep on the content to keep on

worry, excesses and privations shorten the time for which the other can be kept running, even though that period should be extended over more asked if I had tried her advice.

"Glad you did child do you feel ness, which could have been easily continued in the continued of the c than the number of years generally allotted to the life of man. The man who died from the excessive use

MAMONDS BY THE TON.

\$15,000,000 Worth Taken From

It is possible for one to gain some isea of the enormous wealth of the South African mines from the fact that \$15,000,000 worth of diamonds are taken yearly from the four heig-est mines. The cost of chaining diamonds amounts yearly half their value, so that the annual net profit from the four mines is estimated at about \$7,500,000. Each timated at about \$7,500,000. Fach ton of diamonds represents a value of \$30,000,000, and up to the year 1892 the four mines produced ten tons of amonds, of an aggregate value at \$300,000,000. In 1895 no less than 2,435,541 carats of the precious stones, weighing about half a ten were obtained. To the dagerfortin mines belongs the distinction of having produced the largest tion of having produced the largest diamond ever mined in the world. It weighed 670 carats, and in its un-cut state was the size of a hen's egg.

FRESCRIBING OUR WEST. I have strenuously objected to the easy-going ways of the majority of far Western druggists," said the commercial, "but thus far I don't seem to have made much of an imeming town last month, and feeling aguish I went to the drug store and got some quinine capsuls. after taking them I went to bed, and it was about midnight when I was aroused by the landlord, who asked 'Stranger, are you feelin' right?

''Yes, pretty well,' I replied.
''No horrible pains nor nothin'?'
''No. But why do you ask?'

"'I guess you'd better come down-stairs. The draggist says there's some mistake about them pills. I want to tell you, though, that he's a powerful good feller, and never piz-

ens anybody on purpose.'
"My hair began to curl before was out of bed," continued the com-mercial. "I remembered that the complaints of babies and young child-ren. This is the reason why the hot weather months are more fatal to weather months are more fatal to

thing. Why do you keep your morphine and quinine side by side? Why don't you have your mind-''You are all right and he

'You are all right and have no se for complaint,' he said, as he cause for complaint,' All of us when in our right minds, want to live as long as possible and if at forty we say, "I don't care to live after I am eighty" at the let

"'Lung Sing, the Chinaman, proband it don't matter which, boys are going to hang both of 'em to-morrow!

OLD FASHIONED

GIUSEPPE

PHYSICIAN TO THE POPZ PRAISES DR. WILLIAMS PINK PILLS.

In Four Cases of Anaemia Their Effects Were so Satisfactory that He Will Go on Using Them.

Dr. Lapponi, whose skill preserved the life of the late Pope Leo XIII to the great age of 92, and to whose care the health of the present Pope, His Holiness Pius X., is confided, has written the remarkable letter of which the following is a translathe following is a transla tion :-

"I certify that I have tried Dr. Williams' Pink Pills in four cases of the simple Anaemia of development. After a few weeks of treatment, the result came fully up to my expectations. For that reason I shall not fail in the future to extend the uso this laudable preparation not only in the treatment of other morbid forms of the category of Anaemia or Chlorosis, but also in cases of Neur-asthenia and the like."

DR. GIUSEPPE LAPPONL



Dr. Giuseppe Lapponi, Physician to the Pope, who has written a letter in praise of Dr. Williams' Pink Pills for Pale People.

morphine and was good for an excursion somewhere. I, made lightning work of climbing into my clothes and getting downstairs, and there I found the druggist as calm as an old shoe.

"'I think I put up morphine for quinine for one of three persons,' he explained, 'and so I called round to see if you were deed Let me look.

The "simple ansemic of developed to the effect his opinion would have.

The "simple ansemic of developed to the effect his opinion would have.

The "simple anaemia of development" referred to by Dr. Lapponi is of course that tired, languid condiof course that tired, languid condition of young girls whose development to womanbood is tardy, and whose health, at the period of that development, is so often imperilled. A girl, bright and merry enough in childhood, will in her teens grow by degrees pale and languid. Frequent headaches, and a sense of uneasiness which she cannot understand, makes her miserable. Just when it is time which she cannot understand, makes her miserable. Just when it is time for her to leave off being a girl and become a woman—a change which comes to different individuals at different ages—her development lingers—why?

Because she has too little blood. That is what Dr. Lapponi means when he speaks, in the scien-tific language natural to him, of "the anaemia of development." Dr. Williams' Pink Pills for Pale People have the power of making new blood. They cure anaemia just as food curse hunger. That is how they help growing girls, who, for want of this new blood, often drift into chronic ill-health, or "go into a decline"—which means consumption—and die. Dr. Williams' Pills goodd of development.

tury, preferred to die from an ill-ness which could have been easily more asked if I had tried her advice.

"'Glad you did child, do you feel ness which could have been easily some better?'

"'No.' I said, 'I do not know as than submit his body to such a description.



sense and care it possible that the selection of animals and conditions other than temperature which surrounded them had quite as much to do with the difference as the exposure to cold. Experience as the exposure to cold. Experience as the exposure to cold experience as the exposure to the experience as the exposure to cold experience as the experience as the

Itching so Bad They Would Tear Their

Flesh—An Extraordinary Cure by

The worry, excesses and privations short.

Itching so Bad They Would Tear Their

Wilfams' Medicine Co., Brockville, Ont., and the pills will leaving off all fatty food. I had no confidence that Grape-Nuts would do all she said for me as I had tried so many things without any help. But it was so simple I thought I would give it a trial, she insisted so.

Well I ate some for heads.

Too many children are in agony from itching, burning skin disease.

Too many mothers are worn out by anxiety and loss of sleep in watching and positive cure for every form of itching skin disease, and has proven it the marvellous power in thousands of cases, similar to the offeeders below.

Mrs. Lois McKay, Tiverton, Digby. County, N.S., writes:—"My children were taken with an itching, burning bates & Company, Torontom not show of the was sore and their shirts would sometimes be west with blood. The doctor, did not seem to know what didd them and could give no relief, to the doctor, did not seem to know what alled them and could give no relief, to the doctor, did not seem to know what alled them and could give no relief, to the age of the first of the age of out to the same cause; and the form the anxiety and loss of sleep. There is a gold mine in Australia, which is three thousand feet deep, and the various tunnels are so hot account of the continually sprayed over the miners working the doctor, did not seem to know what all dealers, or Edmanson, that cold water has to be continually sprayed over the miners working the doctor, did not seem to know what all dealers, or expense to the doctor, did not seem to know what alled them and could give no relief, the age of 94.

There is a gold mine in Australia, which is three thousand feet deep, and the various tunnels are so hot that cold water has to be continually sprayed over the miners working the doctor, did not seem to know what all dealers, or Edmanson, and the propose discovered the same to know what all dealers, or Edmanson, and the propose discovered the same time of think of it I haven't spit up your form the anxiety and loss of sleep. The had lots of fund. The doctor of the first it is a sent decent with shood it.

TROPICAL GOLD MINE.

There is a gold mine in Australia, which is three thousand feet deep, and the various tunnels are so hot that cold water has to be continually sprayed over the miners working the propose of the surface of think of it I haven