# Stock.

### White Polled Cattle

Among the evidences of the great interest recently being taken in the raising and improving of cattle is that of introducing new breeds, or races of supposed superior points of excellence. Within a very few years the absence of horns on cattle has grown into a question of no little consideration. This country has had muley; or hornless cattle almost ever since the introduction of cattle into the Colonies. No effort, however, has ever been made to improve and raise infrequently an animal of very superior beef or butter qualities of the old "muleys" has put in an appearance. It has been somewhat different, however, in England, and especially so in Scotland. There they have at least two very distinct the black Aberdeen or Angus, and these almost an exact counterpart in the Galloways, also black. And now comes the white Polls, until recently almost unknown outside of their native heaths. An inquiry having recently been made through the London (Eng.) Agricultural Gazette for information as to white Polled cattle in Scotland, has brought forth the following from a correspondent of that Journal, which will, no doubt, be interesting to most cattle breeders, and perhaps new to nearly all of them. The article reads:

"Although the farmers in the north eastern counties in Scotland have for long time paid great attention to the breeding of cattle, I believe there are few districts where less attention is given to pedigree or the history of cattle. If an animal pleases the eye, little further inquiry seems to be thought necessary. The native cattle in all the lowland counties north of the Forth appear to have been black; and the evidence that they were originally horned is at least equally as strong as that in favor of any Polled tribes (whatever the color) known but this is now a difficult point to determine; but in no instance have I ever heard of any white Polled cattle being known until after the introduction of Teeswater, Holderness or Short Horn cattle

into the country. "It is quite certain that originally the most numerous and most valuable breed of cattle in Aberdeenshire were black, with white horns, and these were frequently flat, not round. At least as early as 1748 they were in some cases crossed with the Falkland breed (a local Fifeshire sort which had been the result of a cross betwixt the native Fifeshire cow and some English bulls, sent there by James 1. after he went to England); but of what breed these bulls were is not known.

It is now more than 100 years sine Short Horn bulls were introduced into Aberdenshire; and at the same time cows presumably of the same breed, although known then by the name of Holderness or Teeswater-were kept by some of the more enterprising farmers, I believe 'G,' will find that any white Polled cattle now to be found in the north of Scotland and they comparatively common-are the produce of the the native black breed ing purposes. It has also been most of the country crossed and recrossed with successfully introduced into Scotland, of the country crossed and recrossed with Short Horns and black or colored Polled where some fine flocks are now being bulls. In appearance these white Polls bred by the Earl of Strathmore, Mr seem to resemble the cattle referred to as Crawford, Lord Polworth, and other enhaving been known in Norfolk.

then Short Horn bulls have been largely production of first-class mutton and wool imported into the Islands, and there are at an early age is a decideratum. It is and when fairly ripe he turned his pigs some Short Horn herds now in exist- a recognized fact, that the Shropshire is in and the pigs and turkeys lived on the ence; a few black Polled cattle have also hardy of constitution, and prolific; the been imported. We now get a number fall of lambs averaging about 160 per of white and nearly white Polled from cent. The ewes are good curses, and a Orkney, and this in some degree would well kept flock will average a clip of point to these white Polls in the north wool, of the best quality adapted to genof Scotland being the result of the crossing, and not the remains of any special breed. I may add that some of the cattle imported from Ireland for grazing are white Polls, so that the distribution appears to be pretty general."—Iowa Homestead.

## Shou'd Cows Have Any Rest?

earliest possible returns from their stock, breed their cattle, sheep, swine exercised by the leading flock-masters to and other animals long before they maintain the high character of their and other animals long before they have got their growth. Many heifers drop their first calves before they have themselves reached the age of two years. and several instances in which heifers very little more than a year old have given birth to calves have been recently reported in these columns. From the not for fancy only, and whose selections time of the birth of her first calf many a valuable cow is required to support three lives during a large part of her existence. She must work to supply her of all breeds of sheep.-Farmers Adown bodily needs, those of the calf she vocate. bears, and to some degree, the wants of the calf by her side. If she is a butter producing cow, like the Jerseys, for example, she may not be called upon to to suckle a calf, but she will be required to and permanent cure of Consumption, Proceditis, Catsuckle a call, but she will be required to give a large quantity of milk, rich in butter. If such a tremendous task is to be imposed upon a cow from the time she drops her first call until she shall thousands of cases has felt it his she drops her first call until she shall to prepare her for her life work by permitting her to reach maturity, or to at least make a growth of two years or mitting her to reach maturity, or to at least make a growth of two years or

even more before setting her at work?

The charge is made that the Jersey cattle are little rata which are of no use as beeves; that they have little or no constitutional vigor; that deaths from milk fever are becoming alarmingly frequent among them, and that the race is not gaining in size and vigor, as all other breeds gain, under the influences

SUNTAL RANDS.

A large amount of vacant land may be found in the Willow Creek country, Umatilh county. The town of Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of this section. The Heppaser is in the midst of the section. The Heppaser is in the midst of this section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the section. The Heppaser is in the midst of the s

of American climate and treatment This may be true of some Jerseys, it cer tainly is not true of all, for the breed has improved greatly in butter making capacity under American management, and there are reasons for believing that under proper methods it will gain in vigor and hardiness; but prematurely breeding and constantly taxing to the utmost the powers of the cows cannot be the best way for reaching the best and most lasting development of which the

breed is capable. The extremely fine bone, the almost entire absence of fat, the smallness and seeming weakness of the calves of Jerseys, are cited as proof that breeders make a serious error in taxing their cows so severely as they do. And, indeed, it appears more reasonable to be-lieve that this is true than that those them as a distinctive breed; although not faults result from in-breeding; for, if like produces like, then by the selection of animals have exceptionable size and vigor, even though they be closely related, there is apparently no reason for supposing their vigor and size would not appear in their offspring intensified and increased, as the butter power of the Jerseys has been developed to a wonder breeds of Polls—the Red Norfolk and ful extent by a judicious use of that two-

edged sword, in-breeding. Would it not be well to prevent the coupling of cattle until the male and the female shall have reached the age of rest of at least three months after calv ing before requiring them to begin sup porting another life? Not a few cows of the better class are almost continuous from the bull for three months after calving the strain upon them would be

#### The Shropshire Sheep.

The Shropshire sheep descended from a breed which has been known to exist for about two centuries in the county of Shropshire and part of the adjoining one of Stafford, but no attempt at its improvement seems to have been made until within the last half century, since when it has received greater attention from the more extensive farmers on the enltivated districts of the county. The present developed perfection and uniformity of character is the result of improvement by selection from the best of its own species, and not from the introduction of any other breed. Some breeders have tried an infusion of the Southdown blood, but the result was a total failure, the produce being animals of a nondescript character, and which had to be entirely removed from the flocks practised upon. For several years the breed was called or known by the name of "Grey-faced sheep," and it was not until the year 1850 that it was dis-tinguished by the title of "Shropshire." Shropshire has exterminated all other breeds of sheep in the counties of Salop and Stafford, and many other parts of the adjoining districts, and has been adopted by tenant farmers generally in the midland counties of England Several flocks have also been established in Ireland, where it thrives remarkably well as a breed, and is also used for cross The native Orkney cattle were until highly profitable and rent-paying quali- among the growing grain. After the forty or fifty years ago, black and horn-ed, and of a very poor description. Since supersede, most other breeds, where the eral purposes, of about eight pounds per fleece, and wethers at fourteen months old will produce a careass of mutton weighing 80 pounds and upwards, free of offal. It is also acknowledged that the Shropshire is a light consumer, with great powers of assimilation, arrives at arly maturity, renders a heavy amount of flesh in proportion to rough offal, Many breeders, eager to secure the and that its mutton cannot be excelled The greatest determination and spirit is sheep, having hired rams for a season at sums varying from 40 to 250 gs., and purchased them in some instances for as much as 500 gs. Ewes from noted flocks have also been purchashd at sums reaching to 39 guineas each, and when it is remembered that these high prices are it very profitable. given by men who breed for profit, and are backed by sound judgment, it is an indisputable criterion that no means are being spared to make the Shropshire the most profitable, popular and perfect

## CONSUMPTION CURED.

An old physician, retired from practice, having had placed in his hands by an East India missionary the

## Houltry.

#### KEEPING POULTRY.

Exactly at the station on the east side of the Stark street ferry, Portland, is a man engaged in small trading who came Buffalo for 6 and 7 cents a dozen. from Douglas county. About the holidays we saw that he had a large lot of turkeys and learned from him that he bought in all 400 of them from a man who keeps a large number of pigs and fowls in the gap just beyond Oakland. The turkeys averaged 16 pounds weight at 18 months old and averaged to bring 15 cents a pound. The turkeys ran on and hens dozing about one's premises. the place and picked up the grain other Old stock of any kind is useless, unprofitstock left on the ground, so they did not able, untoothsome, and no knowing how stock left on the ground, so they did not soon they will leave us forever, for old age and infirmities are usually linked have \$1,000 this man received from this keeping old fowls, their days of usefulness flock of turkeys. Our East Portland have gone by and their places should be friend paid him 18 cents for some of them and they averaged \$2.50 each to mental at the same time. the man who raised them and the retailer got \$3.50 to \$4.00 from the consumer. It is an interesting question as to two, except they are extra layers, or postwo years, and to give breeding cows a how much profit there is in keeping sess some transcendant or well defined fowls. We do not know of anyone who quality that you wish to perpetuate in makes a business of it but we know that the offspring. Young hens are superior no department of the farm is as promilkers; some never go dry, and so never get a rest. By keeping them have well attended to. It seems the bull for three months after that no one has gone into it systematical-ly on a large scale. It is probable that scale. As a general rule she is not as active as a younger fowl. Her appetite considerably lessened and the vigor of ly on a large scale. It is probable that the calves increased.—Chicago Tribune. poultry can be much easier kept in small lots than in large numbers, though healthy, still she cannot bear one would suppose, again, that with of summer or the excessive cold of winenough of a business to require constant attention it could be carried on with more certainty than on a small scale. There is little expense in keeping a small band of fowls that forage around and save what other stock lose and what the kitchen would waste. Too many fowls cannot be kept together but we have seen plans of a great French poultry farm where the houses were in the centre and the yards widened out in circular form. In this way the business was compactly kept though the fewls had abundant room.

If some one with practical experience would give us a sketch of their methods with fowls, both to raise the flock for market and have eggs to sell, it would start an interesting topic. Eastern States have more diseases among fowls and cold weather. Here the worst evil seems to be the mites that destroy the little chicks. A friend says the use of cold water will kill them if dashed about the roosting places and also destroy their eggs. This remedy is so simple many will not be satisfied with it, but one who had tried everything difficult and excomplete success. It is certainly worth knowing.

We remember that the East Portland nan, Mr. Misner, told us how the Umpqua farmer managed his pigs and poultry. He sowed rye and allowed his turkeys to nest and hatch their broods in to feed them and they helped themselves both were in good order. The turkeys would eat what the pigs trampled in the ground so all the rye was saved. These turkeys were so tame that when they heard the horn blow they would come trooping up to the house to be fed and it was a pleasant sight to see the pigs and the beautiful bronze turkeys marching up together. The bronze turkey is larger than the common kind, small boned and takes on flesh easily, being a grass feeder. To put a bronze gobbler with a flock of common hens will greatly improve the chicks. Turkeys do not answer for every farm as they go pretty much where they please and sometimes do damage at home or annoy neighbors but there are many farmers who are well fixed for turkey raising who can make

The above is the result of a chat with poultry dealer at East Portland while we were waiting one evening for a delayed train. Our readers do not know the many ways and means we have for getting information for them and how carefully we improve every opportunity of the kind. Now as they know the great quantity of poultry a city needs for its supply. This Mr. Misner has many coops under the trestle work where his house is by the railroad and lets his poultry sometimes run on the flat. He is only one of many in the business. Mr. Houston, who has his card in the FARMER sends down hundreds from here

eastern eggs are sold here but such is the case. In the west eggs are sold by the barrel at 5 cents to 10 cents a dozen and somebody must think there is profit in it. In 1849 we used to clerk on a steamer running on the lakes and bought eggs by the barrel up the lakes at 5 cents a dozen to sell them again in

#### Management of Poultry.

We prefer to see the faculty of good management in our better halves and in ourselves put to a more practical test and better use in the poultry yard.

To our view nothing looks worse than a lot of antiquated and decrepid cocks been fed by themselves alone. Here we together. There is no sense or use about filled by young and healthy birds that will be profitable, pleasureable and orna-

We suggest at this time to weed out every fowl that is over two, or at most, three years old. Do not spare any over to old ones, their flesh is more tender may be good and her general appearance ter like younger birds. Old hens moult later every year, thus diminishing the chances of getting eggs in cold weather, and increasing the chances of becoming victims to disease, for it is observable everywhere that cholera and other contagious diseases first select the old and infirm birds of the flock.—The Poultry Monthly.

### Egg Eating Hens.

One of the bad habits to which hens are addicted in winter, is of eating their permitted them to take possession of the own eggs. There are several causes that country. The only cure will be to do as lead to this. One cause is that of eggs freezing and cracking the shells. When compel all orchardists to keep their hens are confined to the coops by bad orchards clear of vermin. weather, they are apt to ransack every nook and corner and if there is a broken egg they will be sure to find it. A frozer egg is to them, at such a time, a tempt ing bait. Besides, eggs may be broken by being scratched and knocked about. Once let the shell be cracked and soon the hen will fall to eating what is inside All of this trouble, feather eating included, arises from an abnormal condi tion of their appetites brought on by being deprived of the variety of food nccessary to their nature, and which they readily obtain during the seasons of vegetable and insects Every person having chickens should have nest eggs pensive and finally used cold water with of a material that will not freeze in winter, nor addle in summer. Those near cities can obtain china eggs at very small Why do we select a nice, well-shaped ear cost, and those who choose to go to a little trouble-and not much eithercan, by making a small hole in one end empty out the contents, and then filling with a mixture of plaster of paris and water, which will soon harden and make a fairly good nest egg. Hens must be

## How to Preserve Eggs.

The simple plan of storing eggs in rye as long as it lasted, by which time dry ashes has been used for sometime by a correspondent of the Live Stock Jour nal with very satisfactory results. Though rather fastidious about their quality, he reports having enjoyed those thus kept during a period of more than four months, and in one instance a whole year. The only precautions seem to be (besides, of course, sound eggs to begin with) to see that the ashes are quite dry and to see that the eggs do not touch one another.

## ITEMS ON POULTRY.

Those who wish to raise poultry prin-cipally for the flesh, should breed the Light Brahmas, Plymouth Rocks, Dark Brahmas, or some of the Cochin breeds Don't breed too many fowls upon one

place, and never attempt to keep a dozen varieties within the space that should be properly devoted to only one kind. A good laying hen will lay from 150 to 200 eggs annually, say fifteen dozen, which, at an average of twenty cents per

dozen, will net \$3. This will pay a good profit over cost of keeping in moderate numbers. Where eggs average 20 cents per dozen, wheat and corn are proportionately cheaper.

Eggs packed in well dried ashes, and so as to not touch each other, have been kept perfectly sweet for twelve months.

Fowls will eagerly eat a great many bones if cracked fine enough so they can swallow them. They will eat bones of any age, but give preference to fresh ones with adhering meat, Bones with marrow in them are also a delight to

Among the thousand-and-one reme dies recommended as cures for so-called chicken cholera, the following is one -Salem-every week, and, a glance at given by a correspondent of one of our our market reports will show that at jobbing rates chickens full grown bring if the following remedy is used: Take So a dozen on an average the year round.
This is a fair price and should encourage our farmers to increase their attention to poultry raising to keep up with the demands of our cities. It is a strange thing to read in our masket reports that

## Morticultural.

#### CODLIN MOTH

While we look on with indifference and see the Godlin moth spreading over Oregon our neighbors in California are using all the means in their power to get rid of these and other insect pests, but most particularly they object to the Codlin moth. A meeting was recently held at Hayward's, Alameda county, to hear remarks from F. A. Chapin, chief inspector of orchards, under the laws of that State. We quote as follows: Dr. Chapin dwelt largely on the dan-

ger of permitting the codlin moth to secure a foothold in our orchards. Although the first year they do but little damage, the next season they injure the crop fully 75 to 90 per cent. He believed that bands placed around the trees were most successful means of entrapping them, the bands to be changed at least once a week. A question was asked as to the length of time it takes for them to hatch out. Mr. Chapin stated that from personal observation he had found that around Sacramento they appeared in about ten days; at San Jose, nineteen lays, and Suisun valley fourteen days. In fighting the red scale he found concentrated lye the best, the proportions being a pound of lye to a gallon of water. The question was asked if the liquid would injure young cherry trees. Mr. Chapin replied that he had never known a tree to be injured by it. He urged the fruit growers to keep agitating this question until a public opinion was created that would cause every one owning an orchard to see to it that he is not breeding thousands of dangerous insects to destroy the future income and livelihood of his neighbor.

We have the codlin moth here in Salem n town gardens and orchards. We found it in the country, over the fence from our own Bartlett pear orchard, and the neighbor says they will have to go the way they came. We are certain to have, in a short time, a full assortment of insect pests and in a few years we will be wondering how it came that we have California does-appoint officers and

### Method of Raising Potatoes.

I often see in your paper that there is a great variety of opinions in regard to raising potatoes, size of seed and cultivation. Some advocate large, while others prefer small potatoes for seed thinking that they are as good or better than large ones. They may raise good crops from small seed for one or two years, but if they do not obtain their seed from those that do take pains to select large seed, I think they will soon find their potatoes run out and become small. of corn for seed, not always the largest but the best developed. Also, why screen wheat, oats, etc., to secure the plumpest and best seed to plant or sow!
(At least we should if we do not.) We thereby raise a better quality of grain, and more of it, from year to year. not wish any one to infer that we should take the largest potatoes for seed, but those of a good marketable size, of nice shape, free from warts, scabs or other Having my seed selected, I cut them

to single eyes, or at most two, and plant them in drills 3 feet apart and 15 inches apart in the drills, having the drills leep, in well plowed and thoroughly pulverized soil. I prefer a piece that had corn on the previous year, well manured and plowed in for that crop, and kept under good cultivation during the season. On potatoes I use some good commercial fertilizer that has plenty of potash in it, and use it liberally,—400 or 500 pounds per acre. This will help keep the wire-worms away, and will in-crease the potatoes in size and quality. am quite certain. I harrow, as soon as see the first plants breaking the ground with a smoothing harrow, to kill all the weeds that may have started. I culti-vate often, whether there are any weeds or not, until they are in blossom. have never failed to raise a good crop of nice smooth potatoes, and there was always a ready market for them. I often get considerable more than market price for them, which is quite an advantage in a season of plenty like this. My crop averaged about 500 bushels per acre this season.—Country Gentleman.



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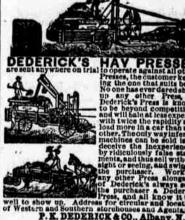
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