

Agricultural.

CULTIVATION OF SORGHUM.

The President of the Ohio Sorghum Convention thus speaks of the important place which the new cane now holds in Western agriculture:

The past season has been one of the most important and successful with the cane that has been experienced for its introduction among us. Thousands have planted the cane this year for the first time, and nearly all who have planted in former years have greatly extended their operations. From the best sources of information at my command, I estimate that the quantity of cane planted in Ohio this season was about twenty per cent. greater than last year, and the product about twenty-five per cent. greater. Taking Ohio and all the States west and north west, I estimate that the amount planted was twenty-five per cent. greater than last year. The yield in the west was not so marked, and I do not feel prepared to express an opinion with regard to it, except to say that the sorghum movement has not proceeded in the west as steadily increased in favor with the people there is here, only a little less rapidly. We have now reached a point in the development of the sorghum in this country which is appropriate for us to take higher ground. We have solved all the preliminary questions which arose upon the first introduction of the cane into this country, and have demonstrated beyond question that it can be successfully grown in our latitude. During the nine years in which it has been cultivated among us, not a single disastrous failure has occurred. It has proved itself a more certain crop than wheat or corn. It yields in soils of great diversity, and a range of elevations, and is a bread as that upon which our common Indian corn is cultivated. Those who have employed skill, neatness and appropriate apparatus, have demonstrated that the cane is capable of producing an excellent table syrup, and a sweet syrup adapted to many of the purposes for which the commercial sugar was formerly employed. And lastly, all who have engaged in the business, either as growers or manufacturers of sorghum, have found it to be a profitable operation—that sorghum pays. We should now take a step in advance, and that step will agree so well with the direction of our progress, and the quality of the product. We have not yet developed the highest quality of the cane for syrup, and have made almost no cane-ble and well refined product in the product of sugar. We need to test and determine the most successful variety of seed, and the most appropriate soil and cultivation, and the best apparatus for the manufacture of the product. When we shall have become familiar with those elements, we will be able to supply them with facility to the work, we may then proceed to produce sugar regularly, systematically, without that we may not hope to produce it, except accidentally, and in comparatively rare cases, as at present.

Hints to Sheep Men.

In the "American Endangerment Company's Circular," we find the following hints suggested to sheep men, which we look upon as valuable, and we therefore present them to the readers of the "Volunteer":

1. Keep sheep dry under foot, with litter. This is even more necessary than feeding them.
2. Begin grazing with the greatest care, and use the smallest quantity at first.
3. If you have a large flock, give them a few days, and mix a little alfalfa with her salt.
4. Give hinds a little "milk feed" in time of weaning.
5. Never lighten sheep if possible to avoid it.
6. Separate all weak or thin or sick from those that are strong in the fall, and give them special care.
7. If any sheep is hurt, catch it at once and wash the wound with clean water, and apply spirits of turpentine daily, and allow it to dry with something healing. If a hind is broken, bind with splinters, tight, loosely, and change the band daily.
8. Keep a number of good hinds on the sheep.
9. Don't let sheep-pool work with chaff or lumps.
10. Cut hays in early spring.
11. For hays, give pulverized alum in wheat bran, prevent by taking great care in changing dry for green food.

VALUABLE RECIPES.

CHARLOTTE RICE.—Boil one ounce of gelatine in two tumbler of milk, and add the white and yolks separately of six eggs, adding to the yolks a little cream, and stir them into the boiling milk long enough for them to thicken like a rich custard; then strain it into a tumbler, and stir in a little cream to a stiff froth, and stir into the custard. When cold, arrange your cake in the tumbler and pour in the mixture, and set it in ice.

BRISNET OF LITE FETTER.—A piece weighing eight pounds, requires about five or six hours to boil. Make a dressing of bread-crumbs, pepper, salt, sweet herbs, a little mace, and an onion chopped fine and mixed with an egg. Put the dressing in between the fat and lean of the beef and cut in thin slices, and cut in the leaf up the very fat in it, boil it five or six hours. When it is done take the cloth off and press it until it is cold. This is the best use of it, and it is very good.

BOILED CUSTARD.—Put one quart of milk over the fire; when it steams up, add the yolks of nine eggs and four tablespoonfuls of sugar well beaten together. Stir the mixture constantly, and stir in a little butter from the fire, and set away to cool in a cup. Add flavor and salt to taste. I value a quart of milk, and use a quart of the eggs with some extract of lemon and sufficient powdered sugar to make a stiff froth. Divide it over the custard-pan.

HOTCH POTCH.—Put a pint of peas into a quart of water, and boil them very tender as usually they will be pulped through a sieve. Take of the least end of a loaf of mutton three pounds, cut it into chops, and cut in thin slices, and cut in the water, four carrots, four turnips, cut in small pieces; seasoned with pepper and salt. Boil until all the vegetables are quite tender; put in the pulped peas a head of celery and a sliced onion. Boil fifteen minutes, and serve.

ASK FOR

HELMHOLD'S FLUID EXTRACT BUCHU.

DRUGS RULED FOR POTTERY KEEPERS.

—Sauldner's Domestic Pottery. Give these rules: Never over-keep. Never allow any food to be about. Never feed from trough, pan, basin, or any vessel. Feed only when the flock is run after the feed, and not at all if they seem to care less about it. Give adult fowls their liberty at any level. Never wash eggs for hatching purposes until they are ready to set. For seven or eight days before hatching, sprinkle the eggs with cold water while they are off. This will prevent the frequent complaint that the chicken was dead in the shell.

THE PECH

The Pech was originally a poisonous almond, and was introduced into the West Indies, and for this introduced into Persia. The transplantation and cultivation however, not only removed the poisonous quality, but produced the delicious fruit we now enjoy.

PRESERVING FARM IMPLEMENTS.

—The Ohio Farmer says that a coating of three parts lead and one part red lead applied to farm tools of iron or steel will effectually prevent rust.

WHY IS A FOWL OF GREATER VALUE THAN YOURSELF?

Because it is portable.

There are twenty-three thousand negroes in Washington.

Medical.

HELMHOLD'S FLUID EXTRACT BUCHU.

For Non-Retention or Incontinence of Urine, Irritation or Inflammation of the Bladder or Kidneys, Haematuria, Stricture, Catarrh of the Bladder, Calculus, Gravel or Irregular Deposit, Gleet, Gonorrhoea, the Bladder, Kidneys, and Prostatic Vesicles.

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For Weakness Arising from Excesses or Indulgence, Irritability, indigestion or suppression of Urine, and in all cases of Catarrh of the Bladder, Calculus, Gravel or Irregular Deposit, Gleet, Gonorrhoea, the Bladder, Kidneys, and Prostatic Vesicles.

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Hardware, Paints, &c.

HARDWARE.

The subscriber has just returned from the Eastern Cities with the largest, cheapest, and best selected assortment of Hardware ever offered in this country. Everything kept in a large wholesale and retail Hardware store, can be had a little lower than at any other house in the country, at the cheap hardware store of the subscriber.

PAINTS AND OILS.

Three hundred and fifty pair of Hames of all kinds just received. Common pattern, London pattern, and standard pattern with and without patent fastenings, cheaper than ever.

PAINTS AND OILS.

Ten tons White Lead, 1000 gallons Oil just received. Best quality of White Lead, and all other paints, Japan, Putty, Linseed Oil, Whiting, Oil, Shellac, Putty, Brushes, Fine-grained Putty, Putty, White Zinc, Colored Zinc, Lead, Lead Oil, Baled Oil, Sperm Oil, Fish Oil, and all other kinds of Oil, and all in cans and tubs.

FARM BELLS.

Just received the largest, cheapest, and best assortment of Farm Bells in the country. Green-painted Metal and Bell Metal, warranted not to crack.

POWDER.

Twenty-five kegs Dupont Black and Rifle Powder, with a large assortment of Safety Fuses, Fuses, Fireworks, Balls, Stone, Slugs, Stone, Shot, and all other kinds of Powder.

MILLER & BOWERS.

Successors to LEITCH & CO. Dealers in American, English and German Hardware, Cutlery, Saddlery, Trunk Trimmings, Sewing Machines, and all other kinds of Goods.

PAINTS AND OILS.

Large assortment of Paints and Oils, including White Lead, Zinc Oxide, and all other kinds of Paints and Oils.

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Dry Goods.

W.C. SAWYER & CO.

Living just received from Stewart's, Collins and Allen, New York, and the best houses in Philadelphia, the largest and best stock of FALL AND WINTER GOODS EVER BROUGHT TO THIS MARKET.

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Please call and examine our immense stock of all kinds and styles of Dry Goods, including Alpines and Robe de Chambre, Fur-trimmed and trimmed, French Merinos, Repts, Poplins, Alpines, and all other kinds of Dry Goods.

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