# REPUBLICA OF THE CONTROLLINA

LEMAY, Editor and Proprietor.

-powerful in intellectual, moral and physical cesources -the land of our sires and the home of our affections." [THREE DOLLARS a Year in

SHEPHERD'S DOG.

By shepherd's dog, is meant a breed of dogs which the stepherds of Europe have with them, and which are trained to assist them in driving their sheep and in guarding them from the attacks of wild animals, and of other dogs. According to some writers, it would eem that there is a peculiar breed, which naturally take to the herding of sheep, with but little or no training, This is, to our mind, exceedingly doubtful, for we find many kinds of shepherd's dogs, or dogs which may be easily trained to the business, but which are widely different from each other in

There is the large Spanish dog, smooth, light, delicate limbed sheplish shepherd's dog, many of which come into the world tailless. There is

also the rough Scotch colley.

London, in speaking of this breed of dogs, says: "The English sheep dog is usually larger than the northern, is larger on the legs, and has been so long accustomed to have the tail taken off at the rump, that in some instances the custom has operated on mature, and these dogs are sometimes pupp'd tailless. The shepherd's dog is not, however, usually bred so large as the real cattle or drover's dog, but is yet sufficiently strong and fierce. Their color is, in general, black and white, with halfpricked ears; they are extremely docile and intelligent, and seem almost to understand the looks of the shepherd. Some of them are smooth coated; but by far the greater number of them are rough, and have their hair crisped.

He also observes that "the shepherd dogs of Scotland are varied in form &. size, but are all of them usually mailer than those in use in England they are nevertheless, without competi-tors in sagacity and excellence. Their general characteristics are, ears partially upright, head rather pointed, shaggy coat, and a remarkable villocity or full ness of tail. Immense flocks of sheep may be seen ranging the wilds without any other control than the shepherd and his dog, which receives his commands, and executes them, and then waits for further orders; or, he often acts with In driving a number of sheep any distance, a well train-

mod Sarde # 14 971,583

He also contrasts the grain crops of the two countries, showing the comparative amounts produced of each kind, in hectolitres, as follows:

Wheat, 40,000,000 Barley, 12 12 1 500,000 111 16,000,000 44 000,000 27,000,000 7,000,000 Oats. 8 000,000

"The United States" (says the writer) "produce annually 70,000 tous of wool, 600 tons of hops, 300 tous of becswax; 10,000,000 tons of hay, 95,000 tons of hemp and flax. 100,000 tons of tobacco, their form, features and other character- 40,000 tons of rice, 395,000 tons of cot ton, 60,000 lbs. of cocoons of silk-worms. 77,000 tons of sugar, and 5,000 hecteliwhich is strong, active and can grapple tres of wine. The produce of the farmwith a wolf or a bear; and there is the yard, or cow-house, is estimated at smooth light, delicate limbed shep- 27,000,000 (\$35,000,000;) forests, £2,herd's dog, from England; and there is 720,000." The total amount of agrithe rough, the rough, shaggy Eng cultural produce amounts yearly to the lish shepherd's dog, many of which enormous sum of £138,730,160 sterting, or \$693,650,800. The manufacthres of the United States, though yet in their infancy, are rapidly increasing,

northern districts for that purpose.

My plan is, when it is fully ripe, to take a common grain cradle and lower fingers, and then you will cradle two swarths together; by this plan you will cut the tops, or more if you wish, and by keeping your scythe in order you can' ont it very clean; and any hand that can mow grass can also cut clover seed. After it is cut you will let it lay one or two weeks to season; in dry weather it morning, when the dew is on, otherwise it will shell; then it can be removed in after mowing. great judgment and promptitude from the after part of the day or may remain. Warping is a process similar to irrithe impulses of his own sagacity; in for some time in dry weather—you will gation; the object of this, however, is which, perhaps, these dogs never shine more, than in their readiness to distinyou wish to stack it—my plan is to stack of middy streams, &c. The water guish the individuals of their own flock and their adroitness in keeping out in the stage and their adroitness in keeping out and about 10 feet high, I then take long ted, Irrigation is most beneficial on straw, and lay it with top ends out 10.

proportion of the agricultural population in America is given as SU, per cent; commercial 2.5. and manufacturing 17.1. The writer observes that the agricultural production of the United States, compared with its inhabitants, is enormous, viz:

PRANCE:

I mounted the machine, and took chair, when he handed me the scraper be scrape off the clover heads, and told in stream of my seat, and it took all my power to clean, and made the sweat roll in streams, for my neighbor, was determined to make me go one

good land; for like most vegetable pro- mospheric one. ductions it thrives best in rich landand from such land the quantity of straw produced is almost incredible.

Profitable Disposition of a Dead Horse .- Falkner says, that the carcass of a dead horse, which is often suffered

Now, where peat is not to be had, earth of any kind may be substituted, in its stead, with the best effects.

## From the Genesse Former. IRRIGATION.

Irrigation has been practised by the comes dry and parched, firigation, is of horn, immense value. It consists in taking In the first place they are submitted water from lakes, sewers, running to the sweating operation or the liming

SAVING ULOVER SEED.

A correspondent of the American falls frequently and a bundantly, are the same as those of manuring. When the water used holds in supersion any organic matters, they are timed and account of the "stripper," a machine used, in some subside while on the fields, and leave submitted to the action of boiling linear timed timed to the action of boiling linear timed tim a visible layer of manure on the surface, after the water is drained off. An example of the tertifizing effects of irrigathe first finger as close to the scythes as tion is seen along the banks of the Nile can be at the point, and then take a and Ganges. But the effects of irrigatinen cloth stitch it to the two lower tion with water that contains no organic sediments, must be considered the same as that of rains. Running water furnishes to plants, some gases, which are absorbed, and in this way are beneficial. Crops of young and tender plants should be irrigated by pure water : it may be repeated every two or three weeks when there is any want of may lay a long time; and when it is tain, and the water be allowed to lie on well seasoned, you will gather it in small the field three or four days. It is thought heaps with a common hand rake in the by English agriculturists to be injurious to meadows to flood them immediately

his boy to move on slowly; but I tell ing trees in the intermediate spaces with respect to clean, and made the sweat roll in streams, for my neigh bor was determined to make me go one round for trial—but that round put the course of this size of the clear of the course of this size of the clear of the sweat roll in streams, for my neigh bor was determined to make me go one round for trial—but that round put the course of this size of the clear of the course of the neighborhood is as it were strapped together with living line of the course of the magnificient trees of a great height and magnificient trees of a great height and size, upon the top of some of the high walls of the descried edifices of a lost that are planted in rows 1 1-2 feet from race, which having sent atems down to the soil on each side formed by this seen, is sustaining that we have each other; the long-haulmed kinds are in rows 21-2 feet and of the neighborhood is as it were strapped together with living the course of the aboround for trial - but that round put me does not attribute the cause of this age produce of the neighborhood is as it were, strapped together with living lition of slavery every where.

3,198,8.7 out of the notion of going into a copart-strange distemper to worms. The only stated to be, in good years, 80 pounds. nership for my more stripping of clover one seen about it is the common one on the rood of 16 square feet, which is original form. peculiar to the pine trees. His impres- more than ten tons to the English acre. The plants in a sion is that the cause is entirely an at- What the erop in the garden averages

### POISONOUS CLAMS.

We have seen accounts lately of people having lost their lives in various places along our coasts, says N. Y. S. heighborhood, or is sent to those who American, from eating clams. It appears to us that there is not sufficient data to found reasonable conclusions regarding was a total failure in that part of the contrary the following sorts are the discountered was a total failure in that part of the contrary the following sorts are discountered. ple having lost their lives in various to pollute the air with its noxious emit-via, has been happily employed in de-composing 20 tons of peat earth, and transforming it into the most curiohing says that these poisonous clams have all the clams being the direct cause of these deaths. Some accounts, plain and unsurements, the following sorts produced in small quantity, but preserving their quality;—A small early potato from says that these poisonous clams have all been found to have a small black leech within them. If this is the case it arguments are total failure in that part of the account and the following sorts produced until it comes in contact with some object around which it can entwine; after which, it produces in a spiral direction around the object hold in its embrace. The strawberry plant will thrust its within them. If this is the case it arguments around the object hold in its embrace. gues that the clams were a la morte.

### HARDENING HIDES-

The following patented process for hardening hides extracted from Exami-from Nukahiva, New Zesland, said to Chinese and Egyptians from the re- ner Page's Report, will be tound to be be improved in New Zealand from the ken root on one side of a deep raving motest antiquity. In countries where not a little interesting. The hide is rains seldom fall; and the ground be- hardened and rendered transparent as

signered in all respects, therefore, he concludes: "America may be classed next to Great Britain, as the second agriculation of Larry it off again. It is confined, to triangle and commercial country in the world."

Stock from American seed. Chili, deep root into the fettile soil. They are their submitted to the action of powerful assumption of powerful assumption of powerful assumption of an all respects, therefore, he concludes: "American seed. Chili, deep root into the fettile soil. They are their submitted to the action of powerful assumption of powerful assumption of Buenos: Ayres, he pointed that among the callection of palm trees, out as the best sources; but praised the was one furnished with books near the called and commercial country in the most exclusively to meadew lands.

The benefits of irrigation in the hides of oil.

The benefits of irrigation in the hides of oil. seed, or my other deving oil, & retained in the hot oil until a yealow scum when they are withdrawn. If it is desired to impart color to the material, as the oil bath is very soft and pliable, but

terry and the control of the property severed to the cost. In complete receive years the basel from it, where the property of the control of the property were the basel from it is designed from the second to the cost. In control of the property were the basel from it is designed from the property of t but the small shoots just springing up. and the seed potatoes kept on moderate in Central America, found, he tells us. Green W. Caldwell has been us.

has not been ascertained as the kinds grown are yery numerous and very but to the sun inquest of light per adt as potatoes from all parts of the world have gie towards the light; plants in an are medios, Central America, (from seed:) a red potato from California; a dark red from Porto Allegro, La Plata, South-America; the large black sago potato Aracocha of Peru; a white potato from and having exhausted the sterile soil.

Nova Scotia; and a long white from on that side, have pushed their roots.

Canada (partially damaged.) M. across the abyss, and having gained the oposite side, have there struck stock from American seed. Chib, deep root into the fertils soil.

the stems consisting of store rooms and ired to impart color to the material, as stairing it in imitation of torfoles shell, it is done while in the oil bath, and when removed from the bath it is submitted to pressure in moulds for the formation of sistenance of the body, politic, and if at roots at some distance in the respective or the body politic, and if at roots at some distance in the respective or the body politic, and if at roots at some distance in the respective or the body politic, and if at roots at some distance in the respective or the body politic, and if at roots at some distance in the respective or the body politic, and if at roots at some distance in the respective or the respective or the roots at some distance in the respective or the roots at some distance in the respective or the roots at some distance in the roots at som

The following account of a model ple, the tendency of plants to incline very interesting, and instructive, and too which the extreme hores of the thre, and therefore, advise you to spread will, no doubt, be attentively read by all coors will often take to escape from one half the manure you intend to p light, or to reach the best nourishment; on, and give the ground you design to gen, not far from Elberfield, in Rhenjish Prussia, is one of the curiosities best the manure you intend to prove the ground you design to gen, not far from Elberfield, in Rhenjish Prussia, is one of the curiosities best the manure you to spread the first the manure you design to gen, not far from Elberfield, in Rhenjish Prussia, is one of the curiosities best the manure you to spread the first that the manure you design to gen, and give the ground you design to gen, not far from Elberfield, in Rhenjish Prussia, is one of the curiosities best the manure you to spread to give the ground you design to gen, not far from Elberfield, in Rhenjish Prussia, is one of the curiosities best the manure you to spread the first the manure you design to gen, and give the ground you design to gen, not far from Elberfield, in Rhenjish Prussia, is one of the curiosities best the ground to gen the first the manure you design to gen, and give the ground you design the folding up of the flawer on the ap-

of heat, or the open door in quest of air various in yield. Nearly 500 kinds of Plants in a cellar or dark room string

> ruppers completely across a garden walk on to a bed of soil on the opposite side; where it will for the first time, as it. were perceiving its object to be gained, push out roots, and form a new plant.— Press involven found which have the

were all pendant but one, which, bein Of all the plants, the conferve missis possesses the power of locomotion, properly so called; and perhaps of all plants their position, as they could not have they alone consist of solitary individuals. Other plants are composed of companion, unnities, the birds being the inhabitants. nearer to the rafters of the co

various articles, as knife handles, &c. You expect trees to dance heroppes for at the inclining side, which heach the your diversion, you must get some city earth, and form supports to the trunk or bee hive to set them the example.

When allowed to cool, it becomes hard and susceptible of a high polish.

MODEL POTATO GARDEN:

Sistemance of the body politics and at roots at some distance whove the rest of the inclining side, which heach the your diversion, you must get some city earth, and form supports to the trunk or bee hive to set them the example.

But if trees, as a whole, do not walk timber work used by architect to prop a proper to the country of the politics of the country of the

potate garden, described by the London their stems and turn the upper surface. We are the advocate of thereby the Gardner's Chronicle will be found to be of their leaves to the light, the direct preparation of the soil in turnip culvery interesting, and instructive, and tion which the extreme fibres of the turn, and therefore, advise you to spread project half its length over, and then beild on and batten in to close the stack build on and batten in to close the stack as to allow the water to penetrate the avery load a course of straw, and not stand too long on the against the difficulties of the times, M. six inches on atherside of the stem of a fit to receive the seed.