

THE FARM.

Our Manufactures.

The Bridgetown Monitor gives the following description of L. O. Neily's establishment for the manufacture of Agricultural fertilizers at Aylesford Station, Annapolis County.

The materials used in the manufacture of this fertilizer consist of ground bone, bought ready ground at Halifax and Boston; fish punace, imported from Eastport; waste bone, obtained from the sugar refinery; and potash, acid and other ingredients which are obtained from the United States.

The bone is first sifted, then weighed and measured to secure uniformity, then goes into vats where it is mixed with acid and water to thoroughly dissolve it, the other ingredients are then added, and the mass is transferred to large bins, and further mixed with dryers, consisting of plaster, waste bone, fine bone, and other dryers of a cheaper description. Men are kept constantly employed turning the material over and over until it gets as thoroughly mixed as possible, when it is transferred to the grinding room, and passed through a rapidly revolving mill, at present run by horse power; but Mr. Neily informed us that the firm intended putting in steam power in a very short time. After the material passes through this mill it is ready for shipment. The manufacture of fertilizer is not a very complicated process; but the greatest care must be exercised in the proportioning of the ingredients, and in the mixing.

The demand for the fertilizer of this firm's manufacture is excellent and increasing. The first year only 15 bbls. were made; the second, 300 bbls.; the third, 1200 bbls.; while this year the firm calculate an output of 2500 bbls. Eighteen hands, all told, are employed, and from 50 to 75 barrels of fertilizer are turned out per day. The greater part of the fertilizer is sold in Kings and Annapolis counties at present, but agencies are to be established throughout the Province.

A plant food for flowers is also manufactured by Messrs. Neily & Co., and is meeting with a ready sale.

REMEDIES FOR INSECT ENEMIES OF THE ROSE.—Rose a Slug.—White Hellebore Powder, mixed in water and sprinkled on the bushes, one ounce to the gallon of water.

Rose Bug.—Hand picking is the only effectual remedy.

Mildew.—Apply Sulphur or soot in the form of a dry powder, having first wetted the bushes so that it will adhere to them.

MULCHING.—This is done by placing a layer of coarse manure from three to six inches deep, extending one or two feet further in each direction than the roots. This protects the earth about the roots against drying or baking with wind and sun, retains to it the requisite moisture, and obviates all occasion for a practice generally of injurious effect—the watering of newly planted trees.

PRUNING.—The stem should be put in condition for the formation of the top, by removing all the limbs to the point where it is desired to have the top, then cut back each remaining limb, leaving from four to six buds of last season's growth. In the absence of any limbs suitable to form a top, cut the tree down to the requisite height, leaving the dormant buds to make the top.

REMEDIES FOR THE CUT-WORM.—Among the remedies that have been suggested for cut-worms are the following:

Make a suds of two gallons of water and a half pound of carbolic soap, and with this saturate a bushel of sawdust, and sprinkle it around cabbages, tomatoes, onions, etc., repeating the operation after two or three days. This has been tried with great success. A half bushel of fresh hen manure in about a barrel of water, mixed and applied with a coarse sprinkler is recommended. This is also a powerful fertilizer, and should not be used more than two or three times a week. A little copperas dissolved in water and applied to the plants has proved a remedy for the cut-worm. J. W. D.

SCIENCE.

A NEW RACE OF PEOPLE IN RUSSIA.

In the Revue Scientifique, Mr. G. Le Bon treats at some length of a hitherto unknown people inhabiting an obscure part of Russia. Peculiar circumstances having induced the author to visit the Tatra Mountains, a very curious and beautiful region, and one very little known, since he was apparently the first to traverse it, he found there a territory surrounded on all sides by steep mountains and inhabited by a people speaking a different language from the nations surrounding them and with whom they had no intercourse. These people, although less than a century ago given up to brigandage, as the author learned in his study of them, are now very industrious and honest. In spite of a climate so harsh that it would be necessary to go to the extreme north to find a similar one; and in spite of a very infertile soil; and in spite of an almost Lacedaemonian diet, consisting mainly of oats, milk and water, they are living in a most remarkable state of prosperity. They are clearly distinguished from all their neighbours in their external aspect, in their quick intelligence, and in their artistic and literary tendencies. The villages inhabited by these new people are situated in the territory called Podhale, at the foot of the above-named mountains. This territory, as before stated, being surrounded on all sides by steep mountains difficult of access, is almost as isolated from the rest of the world as if it were an island in mid-ocean. As regards its origin, Mr. Le Bon thinks the original stock was Polish, which in past ages became intermixed with individuals coming from different peoples. In isolating itself more and more, and not uniting with outsiders, and in constantly being submitted to the action of the same environment and of the same selection, the primitive agglomeration has become more and more homogenous and finally formed a new race, whose homogeneity may possibly still increase, but which already possesses common hereditary characters that permit it to clearly differentiate from all surrounding races.

Purchasers of old china, old clocks, old furniture, old jewelry, old bric-a-brac of all sorts, will be interested to learn that the manufacture of such articles is one of the liveliest branches of industry in Europe. Old Rouen and Sevres ware can be had in any quantity at a month's notice, and Limoges enamels, made the other day by an enterprising firm and buried for a month in moist earth, date from the fifteenth century without question. The happy possessors of veritable Henry II. ware, of which but a few pieces exist, would hardly like to know that their precious \$1,000 vase probably cost \$5 to make, and acquired its age by the application of ten cents' worth of fluorhydric acid; but that is the way such vases are prepared for market. Brand-new furniture, peppered with fine shot to impart a worm-eaten appearance, is another of the "tricks of the trade." In fine, the presumption is that all the "old" things palmed off upon the ordinary purchaser are of recent manufacture. Indeed, so clever are the imitations that even connoisseurs are not seldom deceived.

A "double induction" electric motor has been invented by Mr. William W. Griscom, of Philadelphia, which, according to a report of the Franklin Institute of that city is peculiarly well adapted to supply power for household and other uses where only a small amount of force is required. It is estimated that the battery once charged, will continue to supply the motor with efficient power for all ordinary use of a sewing-machine, in a private family, for many months, or probably one year, without refilling. It is compact, easily managed, and is said to be low in price.

Those unfortunates who do not have ice in summer may keep butter for table use cool by the following ingenious method, suggested by The Golden Rule—the flower-pot referred to being a large size porous earthen pot: "Half fill the saucer with water, set on it a trivet or light stand, upon this set your but-

ter; over the whole invert the flower-pot, letting the top rim of it rest in and be covered up by the water; then close the hole in the bottom of the flower-pot with a cork; then dash water over the flower-pot, and repeat the process several times a day or whenever it looks dry."

LITTLE RED ANTS.—A correspondent writes: I have found by experience that littlered ants cannot travel over wool or rag carpet. I covered my floor with coarse baize, set my safe on that, and have not been troubled since. Cover a shelf in your closet or pantry with flannel, set whatever you wish to keep from the ants on it, and they will at once disappear. I have tried it."

THE HOUSE.

CATSUP—The easiest and best way to prepare tomatoes for catsup is: First, wipe them with a clean towel; then place in dripping-pan and bake them until they are tender. Then you will have no difficulty in rubbing them through a sieve, and will save time by not being obliged to cut them in slices and cook for several hours.

If cucumbers are not plenty and you have trouble to get a supply of pickles for winter, you may be glad to know that a very nice sweet-pickle can be made by using the rinds of watermelons. Pare them, cut in pieces three or four inches long, steam them for five minutes and then pour hot vinegar over them; sweeten and spice to your taste.

A delicate and delicious dessert is this: Bake a sponge cake in a shallow baking tin, so that the cake will be about two inches thick when it is done. Over this pour some boiled custard. Just before serving slice some peaches and put a layer of them over the cake. Then beat the whites of eggs to a froth and put over the top. When you make the custard use the yolks only, preserving the whites for the tops. When peaches are out of season oranges may be used.

JAPANESE METHOD OF COOKING RICE.—A letter from Japan says: "They know how to cook rice here. Only just enough cold water is poured on to prevent the rice from burning to the bottom of the pot, which has a close-fitting cover and is set on a moderate fire. The rice is steamed, rather than boiled, until it is nearly done; then the cover of the pot is taken off, the surplus steam and moisture are allowed to escape, and the rice turns out a mass of snow-white kernels, each separate from the other, and as much superior to the soggy mass we usually get in the United States as a fine mealy potato is to the water-soaked article."—Boston Journal of Chemistry.

VARIETIES.

"I suppose you are very glad that your husband is entirely cured of his rheumatism?" said a doctor to a fashionable Galveston lady. "Yes, I suppose I ought to be; but from now on we will have to guess at the weather or buy a barometer, if this bones quit aching before a damp spell."

A six-year-old was seated in a barber's chair. "Well, my little man," said the barber, "how would you like your hair cut?" "O, like papa's with a little round hole at the top."

In a country newspaper appears the following announcement—"A number of deaths unavoidably postponed."

A BOY'S COMPOSITION ON HENS—Hens is curious animals. They don't have no nose, no teeth, nor no ears. They swallow their vittles whole, and chew it up in their crops inside of 'em. The outside of hens is generally put into pillars and into feather dusters. The inside of a hen is generally filled up with marbles and shirt-buttons and such. A hen is very much smaller than a good many other animals, but they will dig up more tomato plants than anything that ain't a hen. Hens is very useful to lay eggs for plum pudding. Skinny Bates eat so much plum pudding once that it set him into the colliery. Hens have got wings, and can fly when they are scart. I cut my Uncle William's hen's neck off with a hatchet, and it scart her to death. Hens sometimes makes very fine spring chickens.



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Prepared by Dr. J. C. Ayer & Co., Practical and Analytical Chemists, Lowell, Mass. BROWN & WEBB, Halifax, Wholesale Agents, Dec. 1. 17.

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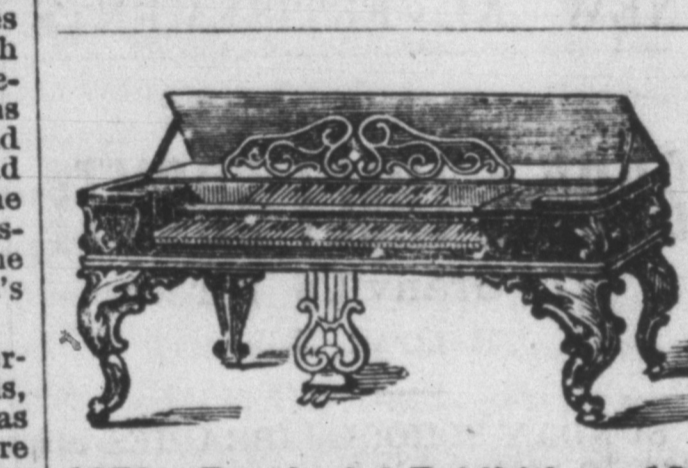
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