## The Christian Disitor.

# Scientific. and maud zo al White Ganpowder. and this occo

moisture when fully exposed. It cannot, how- that it was a fast day with him, entirely con- men also. ever, be used to any extent by sportsmen, as trary to his inclination. A sharp hiss would rate and inexplosive state,

#### Noxious Influence of Brickvards.

had for the last six years observed to be very marks on the subject.

ahunder-shower, all his vineyard appeared in Bentley's Miscellany. a sickly condition, and no satisfactory reason could be assigned for the occurrence of the phenomenon, until the investigation had proceeded some time, when Dr. U. discovered injurious in the latter stage of the burning of the kiln, and derive their noxious property whe outside twelve bushels to the thousand.-

twining each other in massive folds, then se- Barley contains rather less starch than wood was mixed with the fodder given to the parating they would rush over and under the wheat, also less sugar and gum. There is lit- cows, their milk as well as their condition was branches, hissing and lashing their tails in hi- tle gluten, but a substance somewhat like it, much improved. For several weeks past, I A Haverhill correspondent of the Boston deous sport. Ever and anon thirsty with their and about the same amount of nitrogen." Traveller gives the following formula for the exertions, they would approach the pans of wa- "Oat meal is little used as a food in this wood, together with crushed Swedish turnips, manufacture of white gunpowder, which, from ter and drink eagerly, lapping it with their country, but is equal, if not superior, in its and they also appear to improve by it. I have experiment, he has found to produce the most forked tongues. As our eyes became accus- nutritious qualities to flour from any other likewise fatted four pigs successively, mixing Take of pure Chlorate of Potasse 67 grains; better; and on the uppermost branch of the the fine Wheaten flour of northern latitudes. proved most satisfactory." of pure dry sugar, 23 grains; of pure Prussi- tree, in the den of the biggest serpent, we per. It contains from ten to eighteen per cent. of ate of Potasse, 31 grains. The Prussiate of ceived a pigeon quietly roosting, apparently a body having about the same amount of ni- sound, is not so startling when we remember Potasse should be deprived of its water of indifferent alike to the turmoil which was go-erystalizatian by carefully drying previous to ing on around, and to the vicinity of the siderable quantity of sugar and gum, and from cal nature, nearly allied to starch, and that it pulverizing. The articles should be pulver- monster whose meal it was soon to form. In five to six per cent. of oil or fatty matter, always contains some nitrogen; so that, in ized separately in an agate or glass mortar, the den of one of the smaller serpents was a which may be obtained in the form of a clear reality, it furnishes the ordinary materials of and mixed together carefully and uniformly little mouse, whose panting sides and fast- fragrant liquid. Out meal cakes owe their food in another form. We presume, however, with a spatula. Care should be observed not beating heart, showed that it, at least, disliked peculiar agreeable taste and smell to this oil. that white-wooded, not resinous trees, are those to grind the materials together alter mixing, its company. \* \* During the time we were Oat meal, then, has not only an abundance of which furnish Mr. Daniel's cattle with the as the friction might cause an explosion. looking at these creatures all sorts of odd substance containing nitrogen, but is also ligneous pulp they thrive so well upon.-Mr. The white gunpowder, prepared as above, noises were heard. A strange scratching quite fattening. It is, in short, an excellent Daniels in Chambers' Journal. is said to be very powerful, being more forci- against the glass would be audible-it was the food for working animals, and, as has been ble than ordinary powder, and will not attract carnivorous lizard endeavoring to inform us abundantly proved in Scotland, for working

" Buckwheat is less nutritious than the the gases generated by combustion act chemi- startle us from another quarter-and we step- other grains we have noticed. Its flour has room to spare, and yet is desirous of having a cally upon iron, and will undoubtedly produce ped back involuntary as the lantern revealed from six to ten per cent. of nitrogenous comcorrosions. The materials may be kept sepa- the inflated hood and threatening action of an pounds, about fifty per cent. of starch, and sate for any length of time and mixed as angry cobra. Then a rattlesnake would take from five to eight of sugar and gum. In wanted. This will enable our ships of war to umbrage, and sounding an alarm, would make speaking of buck wheat or of oats, we of course avoid the risks of explosions, as they can, by a stroke against the glass, intended for our mean without husks. "Rice was formerly supposed to contain using this powder, dispense entirely with large person. The fixed gaze from the brilliant magazines, and retain the materials in a sepa-leyes of the huge pythons, was more fascinatlittle nitrogen, but recent examinations have ing than pleasant; and the scene, taking it al- shown that there is a considerable portion, together, more exciting than agreeable. Each some six or eight per cent. of a substance like of the spectators involuntarily stooped to make gluten. The percentage of fatty matter, and At a late meeting of the New York Farmers' sure that his trowsers were well strapped down, of sugar is quite small, but that of starch Club, Dr. Underhill spoke of the influence of and as if our nerves were jesting, a strange larger than in any grain yet mentioned, being this State, that would probably be as good or the gases of brick-yards, which he said he sensation would every now and then be felt, between eighty and ninety per cent., usually resembling the twining of a small snake about about eighty-five.

injurious to fruits and vegetables. We take the legs. Just before leaving the house, a from the Tribune an abstract of Dr. U.'s re-great dor beetle, which had flown in, attract-Indian corn is the last of the grains that we shall notice. This contains about sixty per ed by the light, struck with some force against cent. of starch, nearly the same as oats. The is the common black chake cherry, (Prunus "At the time when has attention was first our right ear. Startled we were-for at the proportion of oil and gum is large, about ten directed to this subject, the following incident moment our impression was, that it was some per cent ; this explains the fattening properties occurred to establish his opinion. A friend member of the happy family around us, who of Indian Meal, so well known to practical had observed that, immediately after a severe had favored us with a mark of his attention .men. There is, besides these a good proportion of sugar. The nitrogenous substances

to sixteen per cent. All of these statements CURE FOR ERYSIPELAS .- Take the leaves of are from the prize essay, of Mr. J. H. Sals Dartura Stramonium, commonly called thorn bury, published by the New York State agriapple, or apple peru, and make a strong tea cultural society. They show that the results that the gases of a brickyard in the vicinity of it, and wash the part affected frequently of European chemists, have probably been obhad blown over the vineyard, and produced with it, or wet a cloth with it and lay it on, or tained by the examination of varieties inferior whe disastrous effect, turning the leaves to a make a poultice of the tea by thickening it to ours; they have not placed Indian corn the purest of human pleasures; it is the great-dark, reddish brown color. These gases were with wheat or rye bran. inuch above the level of buckwheat or rice, est refreshment to the spirits of many, without

> SWEET OLIVE OIL is a certain cure for the bite of the rattle-snake. Apply it internally and externally.



most respects, superior to any other grain." Sweet corn differs from all other varieties, from the anthracite coal used, the proportion containing only about eighteen per cent. of of which is, in the interior of the kiln, three starch. The amount of sugar is of course pecks of hard coal to a thousand brick, and on quite large; the nitrogeneous substances The Farm. This he knew to be the ease in at least one brick-yard. If there is a light wind blowing, COMPSSITION OF, AND NUTRITION IN, THE twenty per cent., of gum to thirteen or fourthese gases will extend their deleterious influence for miles, the supply being kept up at the nutritive properties of the various ing crops grown. If it can be made to yield milk, and you will find that you will have dou-the vards for hours. They are particularly grain crops, as well as their organic proper- as much per acre as the harder varieties, it is ble the quantity of good rich cream, and get detrimental to Newtown Pippins, the foliage tions generally, involve questions of profound well worthy of a trial on a large scale." of which is destroyed for miles. The leaves interest in the economy and support of animal Gluten and nitrogeneous substances are butter. This was given by a farmer friend. are turned completely over in many cases, life, we make the following extracts from the those which form muscle or flesh.-American Try it, dairy women, and write us the result, and one side is turned to a different color, a able work of Professor John P. Norton, enti-reddish brown, appearing as if touched by a tled "elements of Scientific Agriculture," just wehement fire. By these gases trees are often published : Pulverized Wood for Caitle.

have been feeding sheep with the pulverized

This statement, however strange it may

#### Dwarf Cherry Trees.

The plan of raising dwarf fruit trees in variety of fruits, is getting into general use.-Thus, the pear is dwarfed by being grafted on to the quince roots, or on to the mountain ash, swamp pear, &co. The apple, by being engrafted on to the paradise stock, and the cherry hy being engrafted on to the makaleb stock. The mahaleb is a foreigner. We have thought there was no particular necessity of sending abroad for a dwarf stock on which to engraft the cherry for dwarfing. We have a variety of dwarf cherries that grow well in better than the mahaleb. There is the little wild red cherry, (Prunus Obovata,) that grows abundantly on our hills and mountains in Oxford, and other frontier counties. There Borealis,) that grows in all parts of the State; and then there is the low trailing sand cherry. (Prunus Depressa,) abundant about the sand bars and margins of the streams in Aroostook are also considerable in quantity, some twelve We have no doubt that either of these would county, and sometimes found in Kennebec .--make as good stocks for dwarfing the common cherry as any in the world .- Maine Farmer.

#### In the second design to re-

whereas, from the above, it is seen to be "in which buildings and palaces are all but gross handiwork.-Lord Bacon.

> The Establishing A SECRET FOR A FARMER'S WIFE ...

While the milking of your cows is going on, let your pans be placed in a kettle of boilamount to the very large proportion of about ing water. Strain the milk into one of the pans taken hot from the kettle, and cover the teen, and of oil to about eleven. This, from same with another of the hot pans; and prowilloyou 2 yloch suov dollaw ut school the - The BURE STORE COTTON TO BE STORE

rendered unable to furnish healthy sap for "Wheat is the most important of all crops. About three years since I had occasion to the proper sustenance of the fruit. Speak- The grain contains from fifty to seventy per send my cart-horses frequently through a piece ing of pippins, he mentioned that one of the cent. of starch, from ten to twenty per cent. of of coppice wood, and whenever it happened disseminated tracts of light land which diverfinest orchards in the country, in the town gluten, and from three to five per cent. of fat- that they stopped within reach of the rods, they sife the face of our common country, are not of Cortlandt, Westchester County, containing ty matter. The proportion of gluten is said would greedily devour every bough they could from 1,000 to 1,500 trees, was entirely ruined, to be the largest in the grain of quite warm get at. This I noticed many times. At last principally by the gases from numbers of brick- countries. I was led to examine the rods on which I had yards in the immediate vicinity. This subject "It is a singular fact, that, in all the seed seen them feeding, and found them completely was referred to a committee, to report to the of wheat and other grains, the principal part stripped of their branches, some of which

Farmer's Club." of the oil lies in or near the skin, as also does were of a very considerable thickness. This The Reptile Room in the Zoologisal Gardens, is an of the gluten. The bran ing qualities. Thus in refining our flour to a fatten-ing qualities. Thus in refining our flour to a torrect the some pulverized and most valuable soils;, and it was not long

About ten o'clock one evening, during the its utmost possible extent, we diminish some-last spring, in company with two naturalists what its value for food. The phosphates of repeated at several different times, until I was at one of our Agricultural Exhibitions, was of eminence, we entered that apartment. A the ash also lie in a great degree in the skin. fully satisfied that it had no injurious effect on at one of our Agricultural Exhibitions, was small lantern was our only light, and the faint illumination of this imparted a ghastly charac-pounds of starch in one hundred. The resi-gig-horses with their corn; and having ascer-ter to the scene before us. The clear plate due of the one hundred pounds consists of ten alass which faces the cares was invisible, and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible, and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we non-de of clubor disconsists of ten alass which faces the cares was invisible and on two we have a construction of a alass which faces the cares was invisible and the ten of the one hundred pounds consists of ten the ten of the one hundred pounds of the one hundred pounds consists of ten the ten of the one hundred pounds consists of ten the ten of the one hundred pounds consists of ten the ten of the one hundred pounds consists of ten the ten of the one hundred pounds consists of ten the ten of the one hundred pounds consists of ten ten of the one hundred pounds consists of ten ten of the ten of the one hundred pounds consists of ten ten of the ten of t glass which faces the cages was invisible, and or twelve pounds of gluten, six or eight of su- chinery prepared for reducing the wood for it was difficult to believe that the monsters gar and gum, ten to fourteen of water, and a the purpose of food, and began to feed both were in confinement, and the spectators se- little oil. were in confinement, and the spectators se-core. Those who have only seen the boas and pythons, the rattlesnakes and cobras lazily flour in its composition than any other; it has, given them. Cart and gig-horses, as also my cows and pigs, mixing a portion with all the food which was given them. To FEED the land before it is hungry, to mixing a portion with all the food which was before it becomes foul, are the best evidences hanging in festoons from the forks of the trees however, more of certain gummy and sugary in the dens, or sluggishly coiled up, can form substances, which make it tenacious, and also no conception of the appearance and actions impart a sweetish taste. In baking, all grains in this way, they had each three quarters of a

SALTING STOCE. of the same creatures at night. The huge and roots which have much starch in them, a peck of oats and beans given them per day, boas and pythons were chasing each other in certain change takes place in their chemical for which is now substituted three pints of bar-every direction, whisking about the dens with composition. \* By baking, flour be-the rapidity of lightning, sometimes chaging comes more nutritious, and more easily di-the rapidity of lightning, sometimes chaging comes more nutritious, and more easily di-tion as when fed in the usual way, and more of ashes, finely sifted once a week, their heath-Stock of all kinds are the better for receivin huge coils around the branches, anon en-igestible, because more soluble. playful and free in their work. Soon after the will be improved.

### 1581 Bodt, HLIGHT FANDS. HUTT

Why is it that those large and extensively more generally appreciated and improved .--Their constitutional amelioration is, by a ju dicious course of occupation, one of the easi-est achievements in nature. We have known lands of this character, which in their original condition of pine plains, were regarded as more ponderous texture : they are more easily subducd, are of even surface and light to till.

nation of the most in