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[From the Journal of the Browncial Society, for the Encourage-

to ferment and resolve into the soluble nutriment of grow- which germinate quickly and require a full supply of food ing plants, by which process death and putrefaction are from the beginning. transformed into life and luxuriance.

the and wine mixed with litter, coarse hay, and weeds, all may make more than two waggon loads in a year: by trampled, moistened with urine and more or less decom- using bog earth for litter and throwing in a haudful of p sed: It is made up of the products and remains of corn occasional y they will incoporate the bog earth with every kind of crop, and therefore contains those elements their droppings so as to give rise to a most valuable comfrom which every kind of crop may be fed and reconstruct- post : hog's dung ought always to be mixed with other maed: chemically its composition is as complex as that of the nureres. Where many sheep, fowls, and pigeons are kept, erop itself, but carbon, water and silica always constitute much valuable matter also accumulates, which ought to its bulkiest portion: both its composition and its power or be saved; it will prove nearly as useful as guano. Few value is, however, extremely variable: these depend partly farmers are aware of the value of the principal is suffered kind, the condition and the food of the stock, partly on the for weight, the urine of animals may be considered as according as the liquids and gases evolved from it, have taken to save every drop of it. One cow passes about dicule its circulation. been allowed prematurely to escape or not.

Province to the collection, preparation and economy of of land. The urine of man and of the horse is also known these substances is one of the great causes of the impo- to have a greater fertilizing power than that of the cow .vershed condition of the farms: in this direction therefore Leibig says that the urine of one man for one year will " white for the harvest." The Bible of King James has reform must begin, for otherwise there is no hope: without manure an acre of land, and that a bound of urine con- travelled and seen all the world. It has crept along the stable manure which is the raw material of crops, no crops tains the elements necessary for one pound of grain. canal backwards and forwards; it has coursed up and can be manufactured, and the fermentable materials can- Much greater economy ought therefore to be practised in down the great rivers : it has been muttered in the classnot be fermented. It is rather surprising that although regard to this substance which is so rich both in nitrogen room, and pounded in the work-snop. Luther has shaken stable manure has been almost the sole dependance of the and phosphates. By the proper use of mould or bog its leaves like tempest, Calvin has had his turn, Zuinlius farmers in this Province for the improvement of their land earth, much of it muy be saved, while the peat itself is made and Molancthon, Cranmer and John Wesley, Swedenborg, there should have been at the same time such utter care- to ferment and decompose thereby: a pit capable of con- Miller, and a mighty host of disciples, have all tossed it dessuess in collecting and preserving it in its most avail- taining twenty or thirty loads of bog earth may be so ar- about the world. The Bible! cries one; the whole Bible! able condition: the practice of throwing it out from the ranged as to receive all the urine of the stables. Another cries another; and nothing but the Bible! shouts a third; warm window from day to day so as to expose it to snow way is to build a proper reservoir to collect it, and in which and the whole earth is roused by their wonderful exultaand rain, sun and wind cannot be too strongly reprobated, it is to be allowed to ferment for a time, then mixed with tion. The excitement has been kept up with considerable for it is easy to see that great part of its value is thus de- water and applied on grass or other land; or in the liquid effect for some time but people, a little more knowing than stroyed, and little remains but a short straw, which may form it may be applied to the manure or compost heaps so others, begin to suspect that they have been slightly-delibe again culled over by cold, ill-fed cattle who seem as to promote their fermentation; on this subject Loudon cately humbugged! The Bible has been everywhere cirsmitted now that stall or shed-feeding and soiling cattle srongly recommend the practice of saving urine in tanks to ereasing. is the most profitable in every way, one cow may thus be the British farmer, and not to the farmor only, but to every made to produce about 9 tons of solid dung per annum, cottager who keeps a cow or pig; nay to the cottager who but it may be some time before we can get labour cheap is without these comforts, but who has a garden in which enough to adopt this practice in New Brunswick: there is he could turn the great accession of manure so acquired to however, one point which we consider to be well worthy due account. Let him sink five tubs or large earthen vesof attention by all who are anxious to economize in this sels in the ground and let the contents of the portable redirection; it a frequent practice in this country at present ceiver of his water closet, all the water used for washing to enclose a small piece of ground in a field near the road in the house, soap suds, slops and fermentable off is of every 5 to 20 head of cattle thus brought together every night up with water of any kind, well stirred up, the lid replaced recommend either that the cattle should be put up in the the first, and so on." thus by skilful treatment be converted into three tons, of liquid manure of the best kind. By the use of bog earth and vigoros household. With the pious music of its sublime manure. Where the premises are sufficiently commodious! the different kinds of manure should be collected and kept | drains it will be easy to ecconomize the whole, spart until it is considered proper to mix them together, and the greatest care should always be taken to prevent the escape of the strong smelling ammoniacal gas, upon which not only the fermentative but the fertilizing virtue of the mauure main'y depends: this may be done by using a cover or fixer as already suggested, by treading or beatang the mass compactly together, or by saving the urine,

when the manure is to be applied to the soil. By covering with sods or bog earth, treading and pressing so as to prevent the access of air, an I by keeping the whole cool and dry we may easily effect this, while by forking, turning, evenly mixing and moistening it (with prine if necessary) during the warm weather we readily induce and regulate the putrefactive fermentation: when once begun in the heaps let it proceed steadily, and then, after one or two turnings, apply it to the land in the spring or autum ensuing, before the fermentation is completed, so that the latter part of the process may take place in the soil.

Long or partially fermented dung is best for clay lands, because the straw helps to open their texture: in our cli-Stable Manure has been called the farmers sheet anchor mate, when used on light soils it is apt to become too dry, and is the first and best of fertilizers : not only does it serve and to stop fermenting altogether : Short or well rotted directly as food for crops but it disposes other substances dung is best for light, and particularly for root crops

The Hog Pen is an important source of manure for the This useful material consists of the dung of horses, cat- compost yard: from one hog properly fed and littered we 1000lbs. of urine in a year and this is considered in Flanand then to vard the cows from milking time in the even- description during a week he carried into one of those ing until the next morning; it is quite common to see from tubs: and if not full on the Saturday night, let it be filled during the summer season, while the valuable manure and the whole left for a week. Begin on the Monday at once to be done away with, and in lieu thereof we wo'd filling one for a month, and at the end of a month empty

beneficial effects upon land, and may be added with advantage to most of our soils: Analysis has shown that it limestone districts.

and keeping it apart from the solid dung. If we save the ly determined by sits price when delivered at any given sugar from washing by rain or snow water we will likewise place, and by the means and intelligence of the farmer. comomize not only arrmonia but many other valuable in Limestone is a naturel compound of lime and carbonic acid, nated the school of christian art. Nor is there any degredient:—another important object should be to prevent though it generally contains few other substances in com-

CATHOLOGISM.

The head of the Roman Catholic Church has prohibited distinguished English and American Protestants the privilige of worshiping God in their own creed, in Rome. These are the people who are raising a Catholic political party in the United States, under the auspices of Bishop Hughes, to exclude the Christian Bible from our schools, whose mad measures in connection with time serving political demagogues have forced into existance the Native American Political Party in oposition to Catholic Political Party, out of which have sprung those dismal scenes of riot, anarchy and bloodshed, which have descrated the city of William Penn, and which even threatens the stability of our political institutions. This is the offspring of a religious hierarchy, which becomes all things to all men, to accomplish its object. In Europe it shouts hosannah to despots, and lends its sanction to oppression of every gradeof horror,-from the dark dungeons of the inquisiton, to the gibbit of the throned despots,-but this country is allied to an ultra democracy, and signs paeanse to the largest liberty. From such a political ecclesiastical establishment, human liberty has more to dread than from all other causes. And it becomes the press, the pulpit and the schools, to guard well the citadel of liberty against this, her most dangerous foe .- Olive Branch.

CATHOLICS HATE THE BIBLE.

The Catholic Telegraph, a leading paper, lately .conin proportion of animal and vegetable matter, partly on the to be wasted on the course of a year. Weight tained a long editorial on the changes of Protestanism, in which he shows, plainly enough, what he would do with which has elapsed since it was dropped, and greatly powerful as their solid excrements, and pains ought to be the word of God if he had the power. He attempts to re-

"The world has been promised for the last 30 years the The indifference so generally shown throughout the ders to be worth £B, and to be a full manuring for one acre most extraordinary blessings by the Bible Societies; there is not a nation from east to west, from north to south, which has not been represented in their annual reports, as thackful for even that bite: in England it is generally ad- says, (Encyclopedia of Agriculture p. 341) "We would culated, and strange to say-trime has been steadily in-

If hatred can scarcely be concealed in a Protestant community, where an universal feeling in favour of the Bible exists, what would Popery do if it had its own way?

THE BIBLE.

The religion of the Bible, though having its earthly birth in the tent of a fuguive Hebrew, and reaching its maturity in the cottage of a peasant of Nazareth, has made its way over the whole earth, has come down through thirty centuries, and is still the chief source of spiritual life, the main support of moral effort, the prolific principle which they make is left exposed to sun and rain until it morning with another tub, and when after five weeks the of high thoughts and pure cions and noble deeds throughbecomes almost or quite worthless. This wasteful prac | whole five are filled, empty the first at the roots of a grow- out the civilized world. And if from the the surface you tice of manuring the atmosphere as well as the soil ought ing crop and refill. Or use two large tubs, and continue enter into the depth of society you find the Bible the parent's charter book, the child's dolight, the old man's comfort, and the young man's guide. In its pages the sick well littered and ventilated stable, or in the barn yard, The Drainings of the Dong-heap ought never to be and weary find the solace which they need, and the tempt giving them a bedding of straw, pear leaves, or even saw allowed to be lost : they are of very variable composition, ed meet with timely succor. Its words whisper hope and dust to absorb the urine &c., one ton of dry straw may but are often more valuable than the urine alone—they are peace to the dying, and minister daily food to the healthy to absorb them or by the means of properly constructed or plaintive songs, echo the roofs of ten thousand times ten thousand christian temples, and the child's prayer night Lime is a substance which has been long known for its and morn is haped forth in the simple and comprehensive words which were dictated by Him who is its central light. The poetry of the Bible has been the forming powis generally deficient in the soils of New England and er of the greatest modern peems, for Tasso, Milton, and New Brunswick, and that such is the case even in the Cooper, present in high relief the features of its moulding hand. And ite high and aspiring spirit, its heavenward Its application in this Province will, however, be chief. | tendencies, its ethereal grandeur, have given birth to those sublime creations in architecture and painting, which are seen in the works of Michael Angelo, and may be desigpartment of human thought or effort that biblically educated men have not enriched or adorned.