JULY 2, 1884.

CHRISTIAN MESSUNGER.

FARM AND GARDEN.

The least expensive and best way to prepare poultry manure for use is to mix it with dry earth, ashes, readily sown broadcast or with the up what they have now. drill.

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The following is from a correspondent of the Toronto Globe: A DEFENCE OF THE CANADA THISTLE. Editor Weekly Globe :- Fighting and destroying their best friend by nation, a government: every farmer ordered into the serto annihilate that hated friend sent by Providence to redeem the thousands of wornout and dilapidated farms, many of which have been drained of nearly their last particle of fertility !! Let us encourage that friend-

the Canada thistle. Let us seed depths of the soil for ages.

food, by means of their roots to can find on his place is behind the

CATTLE IN JUNE.-Give the milch cows a little hay at the barn at night and a little grain. The feed may be abundant in the pasture, but it is so juicy and succulent that it inand so on. Mixed with about creases the flow of milk greatly and twice the quantity of dry earthy often at the expense of the flesh of matters of this kind, it will soon be the animal. If they lose flesh now reduced into a fairly dry and it will take more grain to make it powdery state, in which it may be up in the fall than it would to keep

> SMALL FRUITS .- A sprinkle of powdered white hellebore on the currant bushes will easily dispose of the currant worm. Currants, blackberries, and raspberries need hoeing around, and if they are well mulched the fruit will be larger and finer. If the strawberries were not mulched last spring they should have a handful of cut straw or hay around each plant now to keep the berries up out of the dirt.-Cultivator.

UTILISING BONE. - Not many years ago the bones of animals had no money value and were considered down with Canada thistles. Let useless rubbish. Later they came them send their penetrating roots into use for making buttons, knife deep into our soil to bring to the handles, common piano keys, etc., surface that hidden and locked-up | then to supply phosphorus for fricplant food that would otherwise tion matches and other purposes, remain hidden and locked up in the the demand for them increasing • very rapidly. Soon their value as Let our friend, the Canada thistle, fertilizers was recognized, and now renew the fertility of our farms, the farmer who does not save and and bring the hidden treasure, plant make good use of all the bones he

COMPOSTING MANURES. - Will it pay to compost manures? is a question which is often asked and frequently discussed at farmers' meetings, but never settled by definite answers or conclusive arguments. Why? Because for some purposes it will pay, and for others it will not pay.

For growing field corn or potatoes, it will not pay to compost all of the mannure, but, as a rule, it will pay to compost enough of it to put a small quantity in each hill to start the young corn or potatoes.

For garden crops it will pay to compost a larger proportion of it than for field crops. The composting of manure simply advances it towards plant food, or in other words, it ripens it. At first thought, it would seem that, under all circumstances it would be best to thus prepare manure for plant food, but on a careful investigation it will be found that to offset the advantages, there are two ways to lose ; first, the labor of composting; second, the loss of the action of the escaped gases on the elements of the soil. Every careful observer has noticed the changed condition of the soil to which has been applied green manure. In the process of decomposition, the soil is filled with gases which seem to have the power to lighten it up and make it in a better condition for plant growth. It is believed by some, that somehow these gases, in connection with the soil, change the pure nitrogen of the air into a condition to render it available for plant food. Whether or not this is so, is a question yet to be settled. But one thing is evident, which is, when green manure is applied to the soil and well mixed with it, when it gets into an active state of decomposi-



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S. SELDEN

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Notwithstanding, we suppose some farmers will be unwilling to see their fields bearing nothing but Canada thistles. It would be poor crop, and any one who persists in raising them spould put a very high fence around his farm.

in vain.

A writer in The National Stock mendoesn't believe in growing weeds in the garden. He says:

THISTLE FRIEND.

After the lettuce, radishes and crop of weeds, which matures seed enough to stock the farm. Now make it a rule to remove a crop just valuable, and it will pay to work with liquid manure. the land once in two weeks for the sake of keeping it clean if it did not produce anything. If after keeping the garden clean for years you neglect it for one summer, the fight will all have to be gone over again. It takes from five to eight years to get land free from weed seed, as I have proved by careful experiment,

names. and the cost of cultivating a garden ew the is doubled if the land is full of seed. a king istines :

> Underdraining and irrigation make the farmer largely independent of the weather.

the surface, and you may expect to times.

harvest crops that will equal crops grown on virgin soil. Such crops quantities of bones are used, they will make the nation wealthy supply a valuable by-product in the farmers and merchants happy. God | way of fats or fatty acids which are is good, and made nothing in vain; extensively used in the manufacture nor has he made the unjustly of soaps and other articles of comdespised and hated Canada thistle merce

> Two prominent bone products enter largely into daily use, viz., glue and animal charcoal. The value of these two products aggregates millions of dollars annually. Such facts show the value of things too often overlooked or so little esteemed as to be permitted to

go to waste. Farmers generally understand that the chief fortilizing property of bones is the phosphate of lime they contain, amounting to half their dry weight. The organic part, that which can be burned out, or will deearly peas have gone past use, the cay out in time, contains much nitroground is neglected and produces a gen, being valuable as a fertilizer. The reduction of bones goes on rapidly in contact with fermenting matters. They should be broken as soon as it is past use, and start up and placed in a compact compost something else to growing. If there heap with ashes, then covered with is time to mature weeds there is a thick layer of earth and the mass certainly time to grow something kept moist. It is better if moistened

> THE JERSEY Cow has of late grown in favor with farmers and dairymen.

A few years ago Prof. Brown, day-light, and never near a fire. and a number of others whose eyes only looked beefwards, sniffed at the skinny Jersey and would not. have one of them about. Now this gentleman calls her the world's creamer, that from her can be raised the most dollars and cents from milk produced than from any

other of the twelve breeds tested. Placing the value of milk at 3 cts., It is better to sell when you can per lb., cream at 5 cts. and butter

get a good average price, than to at 20 cts., the most made from any other breed per cow was \$57.00 just three times as many as in the jury hold for a higher one. per annum, while the Jersey, at the box, gentlemen.' Those crops of grain and grass same prices and less feed, produced that are driven to market on loot, \$88.00 worth. He says, further, generally bring the best prices. that this is no price for such butter A sharp, bright hoe is poisonous -but placing it at its acknowledged to weeds besides being much easier worth, her yearly production should to use than a dull, rusty one. be \$250 instead of \$88 at prices

tion, the crops grow very rapidly. When it is desired that plants should

In the processes where large feel the immediate effects of manure, it should be well rotted, but not mixed with other materials, except just enough to keep it from burning. It is, as rule, a waste of labor to compost manure with an equal bulk of loam or muck ; better compost it directly with the soil and thus save labor.

He who in composting his manure adds more to it than enough to keep it from burning, and the gases from escaping, does not occupy his time to the best advantage. - Mass. Ploughman.

HOUSEHOLD.

USEFUL HINTS. - Have metal or arthen vessels for matches, and keep them out of reach of children. Wax matches are not safe.

Do not deposit wood ashes in wooden vessel or upon a wooden floor. Never use a light in examining a gas meter.

Never take a light into a closet. Never smoke or read in bed by can-

ile or lamplight. Never put kindling wood on the top the stove to dry.

Never leave clothes near a grate or fire-place to dry.

Be careful in making fire with shavings, and never use any kind of oil to kindle a fire.

Keep all lights as far from curtains as possible.

'Your dog, what does he want here ?' inquired a dry goods dealer of a customer, whose big Newfoundland was upsetting things generally. 'Muzzlin',' was the answer.

"Gentlemen of the jury,' said a Tes cumseh, Nebraska, lawyer, recently there were just thirty-six hogs in the drove. Please remember the fact-

Don't be Deceived, use the medicine that has been tested for over forty years and will certainly cure you. So positive are we of their power to cure that we offer a reward of \$100.00 for a case they will not cure or help, and \$100.00 for a false statement made by us of any certifi-

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By Henry Drummond, F.R.S.E., F.G.S.,

COATS, Pants, Vests, Sbawls, Sacques Dresses, Clouds, Curtains, Table Cloths, Cashmere Shawls, &c., Cleansed and Dyed to look like new.

Silk Ribbons, Scarves, Crape Shawls, Satan Neckties, &c., Dyed all Colours. FEATHERS DYED AND CURLED.

Gents Garments cleansed and pressed, Goeds damaged by fire or water, faded or soiled, Coats Dyed to look like new.

Mourning Dyed at the shortest notice. Gents Garments and Ladies Dresses, all wool, Dyed and Pressed whole, without

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Three grades of GROUND BONE.

Fertilizers analyzed by Prof. George Lawson of Dalhousie College. Silver and Bronze Medals awarded at the Dominion Exhibition, 1883.

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Agents wanted in unoccupied territory 6 mths. Dec. 26.

UNFERMENTED WINE, Prepared for Sacramental and Dietetio By F. WRIGHT, Maunfacturing Chemist

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"This WINE is guaranteed to be the uice of the finest grapes of the Cote d'or, Andalusia, and the Medoc. It is perfectly free from Alcohol, and is guaranteed to be Pure Grape Juice. It has stood the test of 22 years' continuous sale in every climate, and is now used in upwards of 1500 Churches of all denominations. The mode of manufacture is a slight modification of a wellknown ancient practice, and effectually pre serves the grateful flavor and the rich nutri tious qualities unimpaired. It is therefore admirably adapted in cases of debility and fever, in which the stomach is too weak to digest other food. Children suffering from febrile ailments drink it with avidity, even when all other food has been refused.

Always fill and trim your lamps by VARIETIES.

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Spring is equal to the killing of 100 in the Summer, and 10,000 in the Fall.

Pruning is a necessary evil, therefore it should never be done when not needed, nor neglected when it is needed.

FREEZING POTATOES.-In some season is favourable, the abundance ham. of these new shoots may make a greater number of tubers than the a specialty should think over these original set would have given.

Horse muscle is cheaper than quoted. human muscle, and should be used He then says: Shall we say then that this may be the only class where thoroughbreds would pay at high prices for ordinary use. This is a great victory for the Jersey, fought and won in a yearly

> test among the twelve different breeds in the Dominion, and in a country where she has few sympathizers-amongst men who think there is nothing like beet producers.

places late frosts have browned the 6 cts. per 1b. The maximum butter tops of young potato plants just put- | yield of the Jersey is 2 lbs., worth at ting forth above the surface of the the lowest 25 cts. per lb., which ground. In this case no injury will places her 28 per cent. ahead each be done, as there are plenty of new day, or in one year \$102.20. Enough buds below the surface. If the money each year to purchase a Dur-

> Farmers who make butter making facts.

Truth says, " Many public speakers have peculiarities. Some rub their noses, others twitch at their collars. Some balance themselves on one leg, then on the other. Their great minds are supposed to be so occupied with their subject that they have no thought for anything else. Mr. Gladstone generally scratches the back of his head with his thumb. Sir Stafford Northcote flaps his hands like a talking fish. Lord Randolf Churchill worries his moustache; whilst many other public speakers make no movement, but content themselves with worrying their hearers."

When a poor, miserable clerk pilfers fifty cents fron his employer's till, the offence is called stealing. But when a there is nothing like beef producers. The greatest beef production in one day is $2\frac{1}{4}$ lbs., worth live weight 6 cts. per lb. The maximum butter vield of the Jersev is 2 lbs., worth at

> "An Indian chief was called 'Bigman-afraid of the-people.' We wonder if he is not akin to some preachers who never take a collection, or preach on doctrine.'-Record.

RICH AND FOOR .- He is rich whose income is more than his expenses ; and he is poor whose expenses exceed his income.-La Bruyere.



STILL TO THE FRONT.

THIS FERTILIZER has proved itself for the past FOUR YEARS equal to the IM-PORTED, and costs much less.

PAMPHLETS containing nearly 100 Testimonials of those that have used it along side of the Imported

Sent Free on Application, Write for one by Card.



SAVE THE NATION JOHN M. HODGES, ESQ., M. D., F. C.S., Public Analyst for Antrim County and Belfast For it is sadly too true that thousands of children are STARVED TO DEATH Borough every year by improper or insufficient "I have chemically examined the bottle of Wright's Unfermented Wine (taken by

Prince Street, Truro.

FOR

Invalids, Nursing Mothers,

FOR INFANTS AND INVALIDS, is

Constant users will find our No. 4 size

(always the most economical size to buy)

now much larger than formerly, thus materially lessening the expense. WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs.

B. KINNEY.

ARCHITECT.

April 17

RIDGE'S FOOD my son from the stock held by Mr. Wright's Belfast Agent), and find that it is free from alcohol, and contains the constitutents of INFANTS AND INVALIDS, grape juice. When mixed with water it will prove an agreeable beverage."

> FROM REV. JOHN BURWASH, Formerly Professor at Mount Allison, Wesleyan College, Sackville, N. B.

> > Sackville, May 28rd, 1882.

" I have just finished the analysis of the Wine sent. It is necessarily a slow process, some of the steeps taking two days. This Wine contains No ALCOHOL, nor any dele terious ingredient. * * * It can be all they can desire. It is carefully put up relied on as wholesome, not having any intoxicating properties. * * *

> FOR SALE AT MEDICAL HALL, AMHERST, N. S. C. A. BLACK, M. D. Dec. 5.

> > 63

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