APRIL 5, 1882.

CHRISTIAN MESSENGER.

THE FARM.

ENSILAGE IN ONTARIO .- A correspondent writes to the Country Gentleman in reply to enquiries about ensilage. The editor writes in reply :--- Last May I commenced to build a silo 33 feet long by 12 feet wide and 12 feet deep inside. opening into the barn. I intended to build the walls with stone but the mason, from ill health, gave up the job, and we built the walls five feet high with stone, then studded seven feet, and lined outside and inside with matched siding, filling the space with sawdust. The wall was 18 inches thick and about inaining quite cool.

sixs-crews; placed at equal distances along the centre. The iron rods were 13 inch in diameter, with 2 overfed. Give physic and exercise, perance movement-the sale of intexi feet of flat screw at the top. These and small quantities of water often, cating liquors entirely prohibited, and were secured at the bottom to an with bran diet until the bowels are the name of every man and woman, oak scantling, bedded in the clay, and relieved; then get back to dry feed covered with inch boards. The top and begin work. Never * trot a, was also covered with boards. The blocks for the screws were six feet long, resting upon three tiers of scantling. The screws were turned two or three times a day at first, but in about a week there was more little settling. We opened the silo November 1st. We have been feeding nearly three months. Both corn and millet are in good condition, except at the stone wall. The wall is uneven, and while settling admits air at the board lining. Where the surface is smooth it is fresh to the boarding. At the bottom it is quite mouldy from 2 to 4 inches, and in one spot the force of the screw had broken the scantling the richest gold mine yet found. where the rod had passed through, The claim is located on Mount and bulged the boards up about 3 Sharon and yields \$1,000 to the ton inches. Here there was a mouldy in pure gold. The miners thereclot 10 inches up the rod ; the bot- away are wild with excitement. tom was somewhat uneven, and the noards, not being close, retained air, and this, I have no doubt, assisted the fermentation in the millet. This year I will take out the boards is found to work satisfactorily. It and put in a cement floor and plaster the stone wall smooth and divide it at the centre, making two rooms 161 by 12 feet. I will fill one with clover when in full bloom in June, the other in September with corn. I will then be able to fill it in half the time and commence the pressure before active fermentation begins. The pressure is, no doubt, a necessity to success; and with no space to admit or retain air, success is certain if the pressure is sufficient. Whatever packs the best will require the least weight; green clover and peas would pack solid with half the weight that would be required for timothy or millet. The new system has a great advantage over the old in curing clover and corn. Clover in full bloom is hard to cure perfectly into hay; it soon wastes by exposure to sun and dew, and if in cock will not turn the rain. No amount of care can insure us good clover hay. We are at the mercy of the weather, and corn, even if well cured in the. shock, gets dry and corky in the stacks and mouldy at the joints. It is hard to stack so that it will keep. If left in the field (as it almost invari- thread so fine that it takes four cheer him. A set of artificial teeth is ably is), hens, geese, turkeys, pigs, thousand of them put together to and cattle often disturb the shocks. equal in size a single hair. The weather then completes the ruin, and if perchance it escapes from poultry and stock it will freeze with ice and snow so that it is hand- draw a load fourteen times greater led slowly and with great discomfort. We think that corn can be put into an ant thirty times. the silo as cheap as into good shocks; the field is then clear for the plough, and the fodder is safe from danger by stock or weather; in convenient shape to feed, with all its elements in a digestible condition, and relished by all kinds of stock. I am fattening thirteen steers over four years old. I had oats and barley grown together. This is cut ion? To live by. The sun was fine and mixed equal bulk with ensi- | made to see by, not to look at.

lage and sprinkled with four or five pounds of meal to each steer per day. This is a light grain ration, and I think the steers are gaining as fast as if fed ten pounds of meal with hay. They look pump and glossy, with no disposition to bloat, as they frequently do on corn-meal and hay. I keep only three cows, all are milking well, with the same ration as the steers, except six quarts of bran instead of the meal. might have given a detailed account of the expense of building and filling the silo, but may refer to that at some future time.

A HORSE THAT HAS EATEN. TOO four feet under ground. September MUCH GRAIN .- He should have a 5th we began to put in about twenty dose of physic at once, water alltons of millet, whick took about lowed in very small quanities ; all four days. By this time it was as food kept from him for a period hot as I ever saw hay. Although varying from 6 to 18 hours, dependwe had tramped it very thoroughly ing upon the amount he had gorged. we could not pack it. We put in Walking exercise should be given. about sixty-six tons of corn fodder, When food is given it must be bran grown in drills three feet apart. well wetted, and this continued, in-There were a good many ears well cluding hay and grain, until the set with soft corn. The stalks were bowels respond to physic. If pain green and very full of life. We is evinced; mustard, 3 lb; hot cut it three quarters of an inch long, water (not scalding) sufficient to and, though coarse, it packed quite make a fluid that will pour easily solid. We put in about twenty and not be thin or watery; this is inches per day, and the heat of the all to be rubbed on the abdomen, millet was felt no more, the corn re- covering a space from the sheath half-way to the forelegs, and rubbed We had arranged to press it with in well on both sides of the abdo-

men. Also give anodynes. Never in the Indian Territory found them take a horse to work that has been the front rank of progress in the tem

Temperauce.

More for Tobacco than for Bread.

A poor man sat at the close of the year Smoking the sad hours away ; Wondering if ever the sky would g

clear, In the dawn of a brighter day.

I've worked," said he, "like a dog all my days, CLIPPERAL AT

Always been honest and just; Others have prospered in all their ways While I am reduced to a crust.

My poor wife has delved from morning till night, the sector

Sharing the very worst fare ; Our children are in the raggedest plight And we but an inch from despai-AL ON FRANK O God ! my poor heart has so often said, Can there be true justice here ? One overloaded with all t' it is good, 'Another must poverty | ar !"

Justice! poor man, is it justice you claim? It will most certainly come ; For worse than all the evils you name Has been your attachment to Rum."

Justice ! poor man, the most terrible blast. Will smite thy shelterless head : For of all thy hard earnings, thou hast Spent more for Tobacco than Bread.

A recent visitor to the Modoc Indian and of every child old enough to sign, on the temperance pledge.







horse, or, what is worse, run him, when his stomach is overloaded. Overfeeding is often a fatal accident. -Country Gentleman.

A New-Jersey farmer has found that a dressing of eight bushels of salt per acre to land badly infested. with white grubs enabled him to raise good crops of corn for three years past, which was impossible previous to this application.

SCIENCE.

Two Colorado miners have struck

A bed of combustible shale has been discovered in Iowa. The shale has been tried in coal stoves, and. burns freely in the open air, and trial is to be made of it as a fuel for locomotives.

A buried forest has been discovered in Colorado, about twenty-five miles from Deaver. The trees are all petrified and agatized, and are buried at depths of from ten to twenty feet. It is thought that with proper machinery they could be unearthed nearly or quite whole.

It is expected that with the new When Fortune smiles and looks serene, machinery recently designed by the engineers in charge, the tunnel un- Your family are well, I hope: der the English Channel will soon be completed. The apparatus is

But if, perchance, her scale should turn, now pushing forward at the rate of

A liquor-dealers in a Massachusset's town received a postal-card signed, ustice,' and reading: ' Mr ----Westfield. Please attend the funeral of a man whom you have tried to kill for the last ten years.'

Tobacco dealers in Mississippi cannot sell tobacco to minors without the consent of their parents or guardians, if the bill passed by the Hous- becomes a law.

VARIETIES.

Bits of Rhyme.

'Tis weary watching wave by wave, And yet the tide heaves onward ; We climb like corals, grave by grave, But pave a path that's sunward. We're beaten back in many a fray, But newer strength we borrow, And where the vanguard camps to day The rear shall rest to morrow.

WHITTIER. Each one of us is ready With voice and pen to teach, But we are seldom willing To practice all we preach.

HELEN ERWIN. From the cold embrace of Winter, Like a laughing maiden, Spring on noiseless feet advances,

Fresh with beauties laden.

At her coming icy fetters Break, and murmuring waters flow

Nature from her slumber walking Breathes in music sweet an 1 low.

CHANGE OF FORTUNE.

'Tis " Pray, sir, how d'ye do? Can I serve them or you ?"

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SAVE THE NATION !

For it is sadly too true that thousands of children are STARVED TO DEATH Warch 1

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twelve yards per day of seventeen hours.

Sir John Lubbock, says, that bees are, in some degrees, sensitive to color, and that their favorite color is blue.

Spiders have been seen as small ing and sight, and his master for many as a grain of sand, and these spin a years of fidelity, procured these aids to

Insects are proportionately stronger than animals. A cockchafer can than h s body; a bee twenty times;

Dare not sleep in that condition in which thou darest not die.

Every character is the joint product of nature and nurture.

And with it change your plight, Tis then, "I'm sorry for your fate, But times are hard-Good night "

A dog that hears through an ear trumpet and wears spectacles, belongs INFANTS AND INVALIDS, to Patrick Nicholas, of Milwaukee, Wis. This animal is said to be thirtyfive years of age, and has lost his hear-

also being made for him.

. The editor of an American paper recently insisted that poets must be brief. He received a composition entitled 'The Ballad of the Merchant.' "Trust-Bust."

Dr. Holland once said that 'the greatest blessing that a young man can enjoy is poverty.' Still, it is one of those blessings that 'brighten as they take their flight.'

A little boy once called out to his father, who had mounted his horse for love !

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Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

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