grow up a good, pious, and intelligent man.

Scientific.

AN INCENTOES JERSEYMAN.

In a notice of a recent fair held at Newark. A. D. Crane. It requires winding but once weight of our resinous preparation, adding a and the remaining width of the web projects bucket of water be placed always in their in three hundred and sixty-five days, and few drops of some oderiferous substance.bence the ordinary chances of accidents by The same compound forms an excellent was removing the shade to wind it, &c., are very ter-proof paste for leather. much lessened, as compared with an ordinary eight-day clock. By simple inspection, it gives the time of day, the days of the month during the whole year, the rising and setting of the degree of perfection in the manufacture of sun and moon for any latitude, the phases of fine glass, which excels even the Germans.the moon, and the time of the sun and moon in silvering glass they are particularly excelentering the signs, high and low tide, &c. lent. The silvering is indestructible in com-This clock is also so improved as to compen-position, and is coated over with glass, the sate for differences of the motive power, and vividness of whose colours, be they what they is calculated to be isochronal, the absence of may, or however varied, are thus infinitely which property in time-keepers has formerly heightened, and the most delicate carvings been a very serious difficulty.

the study of Horology, and one of the editors tints and lustrous harmony of combination.of the Evening Post remembers having seen, They do this by a new process. Vases are quor like a groom, and not in agony." prany years since, at Caldwell, N. J., a wooden made which are as high as \$3,000 per pair; clock, made by him in his boyhood, with the nine-tenths of the cost is incurred in designassistance of no other tool than his penknife, ing and engraving alone. which was unexceptionable as an ordinary clock. The farmers of New Jersey are also indebted to his inventive genius for the best horse-power now in use. The admirable clock in Trinity church, Newark, was constructed by Mr. Crane, and contains many novelties of value. The variation is but ten secouls in two months. The clock is divided into three parts; the time dial being in the gallery; the escapement is like that of a chronometer, with compensating pendulum, and the hands are carried by a separate weight, so that they may be moved irrespective of the this kind of sugar should not be overlooked. clock, and are detached from it, though moved by it. This secures the works from receiving any injury from accidental movements of the hands by wind, ice, or other causes; but immediately, on the removal of any disturbing cause, the hands resume their proper position, and are again acted upon by the clock. The striking is performed by one wheel and an escapement acting on the hammer. 18 18 18 18

Mr. Crane's greatest achievement, however, has not yet met the public eye. He is now form, with less than half the work of an ordi- whole quart of water. nary movement. The train is calculated to run four days, but by a peculiar arrangement it runs four days more, making eight days, and this without any extra expense in its construction. The escapement is peculiarly cono the balance as the best chronometer escapement, being the great desideratum in time reckoned servile, but farming they jealously pieces. When manufactured, they may be aftered at one-sixth the usual price of ship-in this arrangement, or could have, cannot chronometers, and will perform equal to those now be well divined. Tillage was a primeval and shifting the divisions. A tripartite are

ment in the common Yankee clock, by which -and by many pious men in many countries many parts are done away with, and their and in many ages it has been accounted as bequality as time-keepers improved, while the ing peculiarly conducive to righteousness. price of a good brass clock will be lessened to Certainly communion with God is more pracone dollar is simple of chemical religions and bou and materials is a carter of at least fire.

de Useful Composition,

tals-copper and brass, for example:-"

faces of sheet-iron. I have found a very thin agency, governable to some extent by man, sits at his side. Dyspepsia is the sure result coating, applied with a brush, sufficient to preserve Russia iron stoves and grates from rust- muted into waving woods, and dust and dew ing during summer, even in damp situations, drops into pendulous fruits."-Mount ford.

I usually add to it a portion of black lead, and this preparation, when applied with a brush in the thinnest possible film, will be found a complete pratection to sheet-iron the compound of lard and rosin a valuable in- terinary works. gredient in the composition of shaving soap. The quality of shaving soap is greatly improved

the pleasure to see this poor chimney-sweeper certain proportion of this compound is added plan reversed, who elevates the point in order the seasons, her handmaids, vary the latter by to common Windsor soap, (say one-half its to avoid obstructions. The web should be a constant change in the bill of fare. Provide. weight,) the tendency to grow rancid is pre-wide, and of the same width throughout, in therefore, your nice mags with their cruet and

pound, or cream, may be made by steaming the heels." This is both unphilosophical and troubled with indigestion or acidity, they will in a close cup a cake of any common shaving detrimental; it deceives the eye of man and as surely resort as the most practised London N. J., the Daily Advertiser refers to a very soap, so as to reduce it to a soft consistence, injures the foot of the horse. The outer edge diners-out do their glaubers and potash; nor ingenious clock which was exhibited by Mr. and then mixing intimately with it half its of the foot rests on the inner edge of the shoe, will they often require any other physic. If a

Fine Glass in England.

The English manufacturers have attained upon them are so brought out as to recall the The inventor has always devoted himself to old Byzantine mosaics in their multiplicity of

and de unite Butternut Sugar.

We see it stated in the American Agricul turist, that the sap of the butternut tree yields a fine sugar, which has a peculiar flavor,

To Extract the Essential bil from any Flower.

Take any flower you choose, place a stra

The Farmer symin a brong

THE MORAL INFLUENCE OF AGRICULTURE.

ent with their dignity. Other pursuits the of the highest cost.) and harshiston at I cocupation; it was Adam's in Eden; and, af-The inventor has also made an improve-ter his expulsion thence, he still practiced it, ticable in fields and meadows, and amid the among objects of man's own making.

and pristine; it is congenial with thought, so-

Management of the Horse.

SHOES.

when wet with water, and suffered to remain dangerously absurd. The toe, which ought according to the length of the day and the common-sized wine glass holds a gill.

stead of being pinched in, because the Vulcan salt-cellar, by placing in each manger a large A very soft and agreeable shaving com-operator likes to see the shoe well set off at lump of rock-salt and chalk, to which when beyond the hoof;' so that the master who reach, they will sip often, but never swift thinks his horse has a good open foot, only themselves out to distension, which otherwise has to be proud of a bad open shoe, which are 'obligated to do' (like their valet) whenboth conceals deformities underneath and 'in-ever liquor comes in their way, in order to lay vites with open arms a bad road to come in in a stock like the camels who reason on the and do its worst." The hee's are made bare uncertainty of another supply," just where the navicular joint is most exposed; and if that be inflamed, what must the agony be when the unprotected foot treads on a sharp flint? The horse 'falls suddenly lame,' or drops as if he had been shot, - phrases in much too common use to require explanation; and small is the pity which the suffering ani mal meets with from man; who having first destroyed the use of his victim's feet, abuses him because he cannot go; and imputes grog giness' to him as a crime, as if he were in l

stable stalls into boxes, from a dislike to see- questions which imply ignorance. ing his hobby horses treated worse than wild . When masters remember that the natural beasts, who at least, are allowed, to traverse life of a horse is from thirty-five to forty years, their den. Loose boxes are too generally left and that three-fourths of them die, or are deuntenanted because no horse happens to be an stroyed under twelve years old-used upsomething like honey. The tree is tapped invalid; yet they are more useful to sound with scarcely a foot to go upon; I take it." and worked like the maple, but it has a ten- animals than even to sick ones, since preven- says Mr. Miles, "that they will be very apt to dency to form like jelly, hence it has to be tion of disease is better than its cure. The transfer their sympathies from the groom, and strained and clarified, when very weak. This poor beast, cribbed, cabined, and confined, his trouble, to their own pockets and their tree is tapped, like the maple, in the spring. chained to his rack, and tortured, by being un-horses welfare." As in many places there are plenty of butter- able to change his position, is put for hours to "Yet, were it not for the wise provisions of nut and walnut trees, experiments to make the stocks, and condemned to the hard labor nature which causes legs to swell after inactum in a clean earthen pot, and over them a rest, not the work, that kills; and still more, poor pittance of exercise would be given by stratum of fine salt. Repeat the process till when the pavement of the stall is uphill, which, idle grooms and timid masters. the pot is filled; cover closely, and place in as his legs are of equal length, and not like a "The horney wall of the horse's foot is apt the cellar. Forty days afterward, strain that camel-leopard's is at once painful and injuri- to get dry and brittle in a hot stable, where essence from the whole through a crape by ous; he meets the difficulty by standing on his temperature ought to range from 56 deg. to 60 pressure. Put the essence thus expressed in hind toes in order to equalize the weight, and deg. Dry straw coupled with excess of heat, clean bottles, and expose them for six weeks therefore strains his tendons and gets perch- produces cracks in the crust, the natural efto the rays of the sun and the evening dews, ed.' The floor should be perfectly level and fects of over-baking; this is counteracted by engaged in arranging the relative parts of a to purify. One drop of this essence will compared with granite slabs, which should drain grease and moisture, using the first—which is style of Chronometer for sea use, in a cheep municate its peculiar and grateful odor to a themselves by having herringbone gutters cut an axiom—in order to prevent evaporation. "Agriculture was almost the only peaceful to a lord and lady. Nature is ever our surest the feet too soon after exercise, as it checks structed, and gives four times as much motion business which the Romans counted consist- guide. The animal when grazing in a field perspiration and induces fever; clean them is never quiet a second hew amost to godsid nay

ed by shifting the divisions. A tripartite arment, for horses are curious social animals; they love their neighbors, and like to see what barn, may suffer them to trample upon and dethey are at, as much as country families do, stroy his mow of wheat and other grains, and whose pews adjoin in their parish churches, still have fewer eggs than the cottager who The best partition is brick nogging, which keeps a single dozen, who provides secret creatures of his hands, than in towns and shops should be cased with boarding, and surmount-nests, chalk eggs, pounded brick, plenty of Ined with iron rails; the separation should be dian corn, lime, water and gravel for them; In the Scientific Convention, at New Haven, Of the occupations in a city, many are on carried highest near the manger, in order to and who takes care that his hens are not dispressor Olmstead stated that rosin added to luxurious objects, and partake themselves of prevent the company from watching each other lard gives it a degree of fluidity not before the questionable character of their ends, and at meals—a thing which is not only unman- in a nest are better than a single nest egg, and possessed by the lard, and also prevents the many others tend to contract and debilitate nerly, but injurious to health. Each hopes to large eggs please them. I have often smiled latter forming those acids which corrode me- the mind; but country labour is invigorating get some of his neighbour's prog, and is also to see them fondle around and lay into a nest afraid of his neighbor getting some of his; in- of goose eggs. Pullets will commence laying Several important practical applications re- lemn thought; and it operates in concert with somuch that the best bred horse, even when earlier in life where nests and eggs are plenty. sult from this property. Its use for lubricating higher, than human allies, working together next to a pretty filly, invariably bolts his feed and where other hens are cackling around surfaces of brass or copper has already been with the elements, and in their turn, with each -just as a senator oftimes does at a boarding them. adverted to. It is equally applicable to sur- of the four seasons; under whose mysterious house table d'hote, although a Fanny Butler

OF PEEDING, SEE SEE SEE persist in treating his horse like a Christian, following list:-Wheat flour, 1 pound is 1 The following is from the pen of Mr. Miles, as much too many feeds as he does to himself, quart; Butter, when soft, I pound 2 ounces is by Veterinary Surgeon to the Queen of England's but shoes are not more surely forged on anvils I quart; Loaf sugar, broken I pound is I stores and pipes. The same property renders Life Guards, and author of several valuable ve- than diseases are in the stomach of both beasts quart; White sugar, powdered, I pound and men who make themselves like them.— ounce is 1 quart; Best brown sugar, I pound Nature contrives to sustain health and vigour 2 ounces is 1 quart; Eggs, average size, 10 "The shoes of the Horse should be of equal on a precarious, stinted supply, since it is not eggs, are I pound; Sixteen large table-spoonby a larger proportion of oil than is usually thickness throughout, with a flat ground sur-employed, so as completely to saturate the al-face, as those with high heels, which asinine rishes. Her system should be imitated in gill; Four large table-spoonfuls are 1 a gill; kali; but such soap easily becomes rancid smiths make in imitation of their own, are quantity and quality; she regulates the former A common-sized tumbler holds a pint; A

The lady strictly kept her promise, and had damp—as it commonly is when in use. If a to be raised, is thus lowered, and Nature's amount of work required to be done, and bids

GROOMING

"Boxes, however beneficial to horses, are unpopular with prejudiced grooms, who have. . an instinctive dread of improvements which do? not originate with themselves; and although in truth few classes are more ignorant of the philosophy and ologies of the horse than stable folk, yet, in common with all who handle ribbons or horse-flesh, they have jockied themselves into the credit of being the knowing, ones par excellence; accordingly such servants, especially if old ones and treasures, generally rule and teach their masters, for gentlemen Mr. Miles, duly estimating the advantages pique themselves vastly on connoisseurship of of freedom of motion, had long converted his pictures and horses, and are shy of asking

of having nothing to do-which destroys dan-tion, and the overlively exuberance of antics dies and bankrupts commissioners. The pri- by which a fresh horse exhibits his schoolboy soners suffer more from long standing still than exultation of being let loose and getting out of from any trotting on the hardest road-it is the the stable-probably even less than the present

in them, as nothing is more fatal to the eyes Mr. Miles furnishes the receipt of an ointment of horses than the ammonia so usually gene- which he has found to succeed admirably. In rated under them. A box so arranged is not hot summer days the feet should be tied up in merely a luxury to a horse and a mare, but is a cloth and occasionally plunged into buckets absolutely as necessary a one as Haymarket is of cool water; beware, however, of washing then cool, and rub the hock and pasterns dr

A farmer may keep a hundred fowls in his

Weights and Measures. As all families are not provided with scales and weights referring to ingredients in general "One word only on diet. The groom will used by every housewife, Dr. Brown gives the