FARM AND GARDEN.

SUITABLE MANURES .- All vegetathat are grown for their leaves or stems require an abund- cost .- Farm, Field and Fireside. ance of nitrogenous manures, and it is useless to attempt vegetable gardening without it. To this class belong cabbage, lettuce, spinach, &c. The other class which is grown principally for its seeds or pods, as as wood-ashes, bone dust, &c., are much better for them. For vegetais best that they have it well-rotted found so well fitted for the purpose as old hot-bed dung, though to the smell no trace of "ammonia," re-

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BLINKERS.—The question has often been asked, "Why do horses wear blinkers?" We cannot answer the question. It seems to us that they are useless, ugly, and, to some extent, injurious to the eye sight. The most beautiful feature of the horse is its eye. If it were not "hid from our gaze," it would serve to denote sickness, pain, or pleasure. Many a time would a driver spare the whip on seeing the animal's imploring eye. The argument in favor of blinkers is, we believe, that horses are afraid of passing carriages. This objection, if valid, is of little weight, as such timidity would soon be overcome. We trust, now the cruel bearing rein has been cast aside, that blink- year. ers will also be abandoned-a course which would, we feel assured, be attended with advantage to both man and horse .- Lancet.

on the same amount of feed.

do not run to legs, and up to three | high. months-not six-they will be compact, solid and heavy; but after

of feed. This seems true, for the therefore be built into pyramids. Leghorns are not voracious feeders, while the Brahmas and Plymouth . Leather is a marvel of economy, It is an experiment worth trying.

duce more than one running at large, saw. All this seems very simple, but the one at liberty will pick up but it required thought and energy a portion which detracts from the to do it ere it could take on the

to allow one-half the crop of corn fact, the plants are injured by it. as it is now for the silo with the as a cheap source of ammonia. It causes too great a growth of stem | younger corn, and mixing it all in and leaf, and the earliness-a great one. This would have the advanaim in vegetable growing—is in- tage, that while the matured corn- "panclastic" by its inventor, M. E. juriously affected. Mineral manures stalks would be just as good as the Turpin, is a mixture of carbon other, the entire crop of grain would disulphide and hyponitric acid. be secured, and it would be just so Until desired for use, the liquids are bles requiring rich stable manure it much gained. Of course the two kept seperate. Confined in shells, crops would have to be planted at torpedoes, and exploded with fuland decayed. Nothing has yet been different dates to use in this way. minate of mercury or gunpowder, Another wrinkle is to allow the old | its effects are terrible, far exceeding corn after the ears are removed, to those of dynamite or nitro-glycerine. be dried, then cut up and add to mains in it .- Gardener's Monthly. the young green crop and place and press in the silo .- Germantown Telegraph.

> The dead leaves on squash vines should be carefully removed and burned. They are usually infested with eggs of the squash bug, and the first leaves that appear are of no use as soon as others form, and are then sure to wither and die.

While the wet weather all over the country makes digging ditches impracticable, it is an excellent plan to mark where underdrains are sucked by bees. most needed. Unhappily on most farms failure of crops indicates the places plainly enough, and very often the crop that failed would have fully paid the expense in one

SCIENCE.

GIGANTIC FOSSIL REMAINS .-Workmen in a gravel pit near Syracuse, N. Y., unearthed on July A COMPARISON OF POULTRY BREEDS | 17th, a tusk and tooth of what is FOR PRODUCTION.—There is a claim | believed to have been a mammoth. that if you will pen up a flock of The relics were discovered at a Leghorns in one yard, a flock of depth of about thirteen feet from Brahmas in another, and other breeds | the surface. They were examined in other yards, that the same num- by Professor Brown, of Syracuse ber of pounds of flesh can be pro- University, and Professor John F. duced from one breed as another, Boynton, of Syracuse, both wellknown scientists, and pronounced In the first-place, a trial of that a great discovery. By calculation kind requires a nice arrangement of from the parts already discovered, details, for a Brahma chick, feed him | Professor Brown regards it as the as well as we will, will not fatten. It largest mammoth ever exhumed in must grow in spite of all that may be this country. The tooth is twelve done. The legs will become longer, inches in length and weighs about the formation of feathers will be twenty-five pounds. The surface of slow, and everything will seem full the tooth is divided into wedgeof delay in the growth. This alludes | shaped transverse ridges, the summit to the first five or six months; after of each of which constitute smaller that time, the chicken begins to cones. The enamel of the specimen thicken and assume its proper form, is polished and perfectly preserved. and then the time will have arrived | The portion of tusk found is for attempting the gain of weight. about five feet long and weighs 150 In the next yard, as a comparison | pounds. The entire tusk was prowith the Brahmas, the chicks of the bably ten or eleven feet long, and Plymouth Rock breed will show a the animal when living is supposed different manner of growth. They to have stood at least fourteen feet

A NEW MODE OF BURIAL,-At the three months they begin to attain recent general assembly of cement their legs, as the saying is, and grow | manufacturers at Berlin, Dr. Fruhling described a new application Here we will notice that for the first of cement. He explained that it three months the Plymouth Rocks | would be easy to transform corpses will take no more flesh and carcass into stone mummies by the use of more easy for digestion, a tablespoonful than the Brahmas; after that time Portland cement, that substance of lime water was added to half a the rate of increase is alike; but when hardened not in any way tumbler of milk. To facilitate matters, after the six months have passed, the indicating the organic changes going a pocket stove with an alcoholic lamp, Brahmas will, no doubt, surpass on within it. He further illustrated or an arrangement for the gas fixture, them. So far as the Leghorns are the subject by describing various concerned, they will finish their industrial uses of lime as a pregrowth when six months old, and ventive of decomposition. The will be small. At no period will cement in hardening takes an they compare with the other two accurate cast of the features which induce sleep. A darkened room that breeds in weight, but they will grow it incloses, thus allowing of their fast and do well while they are at exact reproduction after the lapse of centuries. It is suggested to use We have said that there is a dif- coffins of rectangular shape, it being ference in the manner of growth, further considered by Dr. Fruhling and yet the controversy still is un- that under-ground sepulture is needsettled, that any breed will produce less, as the coffins soon become the same weight on the same amount practically masses of stone, and can supper as a permanent thing in your

Rocks are some times very greedy. when considered in all its variety of uses. What used to be looked Some breeds have the ability of upon as scrap, is now nearly always assimilating food more easily than used as a sort of mechanical comthe others, and convert it at once pound, by compression, for new soles into flesh, while others are restless, and heels. Only recently there was Irish), boiled sweet potatoes, onions, and work away at scratching, submitted a new and interesting canned corn, tomatoes. which is good exercise, but also process of making heels from scrap good for using food for eating pur- leather; this was accomplished by poses, which furnishes energy as cementing the scraps together in well as muscle and bone. A moulds, then compressing them in a crossed fowl will do better on the power-screw press, stamping them out same amount of food than a pure in a cutting machine, and afterwards

one, and a confined fowl will pro- cutting the heels off with a band shape of a concrete commercial fact. This is not the only outcome of the A NEW WRINKLE ABOUT ENSILAGE. new process, for in the working of -There is a new wrinkle just the band saw there is made sawdust started about ensilage, which may of a fine grade, which can be sold be worth thinking about—that is, at \$10 per ton as a fertilizer. In this condition the manufacturer of chemical manures takes it and runs.

Used and recommended by the leading DRESSMAKERS, TAILORS and SHOE-MAKERS. beans, peas, &c., does not require grown to mature, and after securing chemical manures takes it and runs much manure of this character; in the ears, cut the stalk up the same it into his superphosphate of lime,

The new liquid explosive, called

HOUSEHOLD.

The bee has long been a type of the industrious worker, but there are few people who know how much labor the sweet hoard of the hive represents. Each head of clover contains about sixty distinct flower tubes, each of which contains a portion of sugar not exceeding the five hundreth part of a grain. The proboscis of the bee must therefore be inserted into 500 clover tubes before one grain of sugar can be obtained. There are 7000 grains in a pound, and as honey contains three-fourths of its weight of dry sugar, each pound of honey represents 2,500 clover tubes

PRESERVED CITRON OR WATER-MELON RIND .- Pare off the green skin, and the soft, white, inner rind. Cut into strips or into fanciful shapes. Allow a pound and a quarter of sugar to each pound of rind, Line your kettle with vine-leaves and fill with the rind, scattering a little pulverized alum over each layer. Cover with vine-leaves, three thick; pour on water enough to reach and wet these, and lay a close lid on the top of the kettle. Let all steam together for three hours; but the water must not actually boil. Take out your rind, which should be well greened by this process, and throw at once into very cold water. It should lie in soak, changing the water every hour, for four hours.

For a syrup, allow two cups of water to a pound and a quarter of sugar. Boil, and skim it until no more scum comes up; put in the rind, and simmer gently nearly an hour. Take it out, and spread upon dishes in the sun until firm and almost cool. 'Simmer in the syrup for half an hour; spread out again, and, when firm, put into a large bowl, and pour over it the scalding

Twelve hours later, put the syrup again over the fire .adding the juice of a lemon and a tiny strip of ginger-root for every pound of riad. Boil down until thick; pack the rind in jars and pour over it the syrup. Tie up when

BEEF TEA AND MILK .- Physicians who used to prescribe bromide or soda or potassium for sleeplessness now urge their patients to take beef tea instead, says the Christian Union. The writer, trying various prescriptions with little benefit, was at length so fortunate as to receive such advice. At first beef tea was used with some light bread or biscuit broken in it, sipped from a spoon as warm as it could be taken. Afterwards milk, just scalded, not boiled, was substituted, and, to make it should be at hand. If neither beef tea or milk can be easily procured, hot water alone with an infusion of hops or mint may be subsituted, or even hot water alone will quiet restlessness and moonbeams cannot enter, a little fresh air from an open fireplace or window, are valuable assistants in making the sleep continuous. When once the habit of wakefulness is broken up, the beef tea or milk may be taken cold, but not iced. If you are always a poor sleeper, it will be well to continue this late

TIME-TABLE FOR COOKING VEGETA-BLES,-Half an hour-Peas, potatoes, asparagus, rice, corn, summer squash, canned tomatoes, macaroni.

Three-quarters of an hour .- Young beets, young turnips, young carrots and parsnips, baked potatoes, (sweet and

One hour .- New cabbage, shelled and string beans, spinach and greens, cauliflower, oyster-plant, and winter

Two hours .- Winter carrots, parsnips, turnips, cabbage, and onions. Three to eight hours .- Old beets.

WANZER Sewing Machine. BEST IN THE WORLD.

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1883. SPRING & SUMMER. 1883

GENTS' GARMENTS Of every description made up at short notice and moderate prices. Satisfaction guaranteed or no sale.

New and Fashionable Cloths, Tweeds and Worsteds! A Full Line Carefully Selected.

BADIBSO Sacques & Ulsters

Made from the latest patterns and most fashionable designs. June 20.

Rev. Father Wilds' EXPERIENCE.

The Rev. Z. P. Wilds, well-known city missionary in New York, and brother of the late eminent Judge Wilds, of the Massachusetts Supreme Court, writes as follows:

"78 E. 54th St., New York, May 16, 1882.

MESSES, J. C. AVER & Co., Gentlemen:

Last winter I was troubled with a most uncomfortable itching humor affecting more especially my limbs, which itched so intolerably at night, and burned so intensely, that I could scarcely bear any clothing over them. I was also a sufferer from a severe catarrh and catarrhal cough; my appetite was poor, and my system a good deal run down. Knowing the value of AVER'S SARSAPARILLA, by observation of many other cases, and from personal use in former years, I began taking it for the above-named disorders. My appetite improved almost from the first dose. After a short time the fever and itching were allayed, and all signs of irritation of the skin disappeared. My catarrh and cough were also cured by the same means, and my general health greatly improved, until it is now excellent. I feel a hundred per cent stronger, and I attribute these results to the use of the to the use of the SARSAPARILLA, which I recommend with all confidence as the best blood medicine ever devised. I took it in small doses three times a day, and used, in all, less than two bottles. I place these facts at your service, hoping their publication may do good. publication may do good. Yours respectfully, Z. P. WILDS."

The above instance is but one of the many constantly coming to our notice, which prove the perfect adaptability of AVER'S SARSA-PARILLA to the cure of all diseases arising from impure or impoverished blood, and a weakened vitality.

Ayer's Sarsaparilla cleanses, enriches, and strengthens the blood. stimulates the action of the stomach and bowels, and thereby enables the system to resist and overcome the attacks of all Scrofulous Diseases, Eruptions of the Skin, Rheumatism, Catarrh, General Debility, and all disorders resulting from poor or corrupted

Dr. J. C. Ayer & Co., Lowell, Mass.

blood and a low state of the system.



AYER'S CATHARTIC PILLS.

eure Constipation, Indigestion, Headache, and all Bilious Disorders. Sold everywhere. Always reliable.

Feb. 7.

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COATS, Pants, Vests, Shawls, Sacques Dresses, Clouds, Curtains, Table Cloths, Cashmere Shawls, &c., Cleansed and Dyed to look like new.
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Gents Garments cleansed and pressed, Goods 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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30 YEARS!

Imporrant trial of THIRTY YEARS decided, and a jury of half a million people have given their verdict that

MINARD'S LINIMENT!

Is the best inflammation allayer and Pain destroyer in the world. 500 Medical men endorse and use it in their practice, and believe it is well worthy the name.

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2\$100 will be paid for a case it will not cure or help of the following Diseases: Diptheria and Rheumatism Scalds, Chilblains, Galls, Boils, Sprains, Lumbago, Bronchitis, Burns, Toothache, Broken Breasts, Sore Nipples, Felons, Stings, Frost Bites, Bruises, old Sores, Wounds, Earache, Pain in the Side or Back, Con-Earache, Pain in the Side or Back, Contraction of the Muscles.

There is nothing like it when taken internally for Cramps. Colic, Croup, Colds, Coughs, Pleurisy, Hoarseness, and Sore Throat. It is perfectly harmless, and can be given according to directions without any injury whatever.

A Positive Cure for Corns and Warts, And will produce a fine growth of Hair And will produce a fine growth of Hair on bald heads in cases where the Hair has fallen from disease, as thousands of testimonials will prove. A trial will convince the most sceptical that the above is true. Send to us for testimonials of distinguished men who have used. MINARD'S LINIMENT

And now have a beautiful crop of Hair; and hundreds who have used it are willing to swear that by the use of Minard's Liniment they have obtained a new growth of Hair.

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AN EDITORIAL NOTICE

During Convention and Association we want to introduce BUDS & BLOSSOMS, so as to end the seventh year with an

enlarged list. "Buds and Blossoms and Family Greetings" as a magazine for church and home must win its way both on account of quality and price.

See what others say! BUDS AND BLOSSONS is the title of a neat and attractive illustrated religious monthly magazine, published in Halifax, N. S., and edited by Rev. J. F. Avery. pastor of the Third Baptist Church of that city. It is now in its seventh vol., and does credit to both publisher and editor. It is such a periodical as will prove a blessing in any family where it is taken and read.—N. Y. "Watch Tower." "J. F. AVERY, of Halifax, editor of BUD3 & BLOSSOMS, sent us a copy of his magazine. We are very much pleased with it. It is a nearer approach to the English magazines of the same class than anything published here. Its ILLUSTRATIONS are good and its reading matter such as must do good. We wish it success."—"Canadian Baptist."

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Helps, Cards, etc. PELOUBET'S SELECT NOTES, ON INTERNA-TIONAL S. S. LESSONS, postpaid \$1.25.

HACKETT'S COMMENTARY ON ACTS, edited by Dr. Hovey, of Newton, postpaid, \$2. People's Home Mission Agency.

The Society has been in operation 15 years. Colporteurs to the number of 102 have been employed, who have distributed Bibles and good books worth \$141,236 by sale, and books and tracts valued at \$10,081 by grant. Total grants by the Society, including those from Depot, more than \$16,000 worth: Time served by the Col porteurs equals that of one man for 142 years. Labrador, Newfoundland, Cape Breton, P. E. Island, Nova Scotia, New Brunswick, and a portion of Quebec have been explored. There have been found 1,525 families without God's Word; 2,582 families with no other religious book; and 2,545 families who habitually neglect attending any place of worship The 26 Colporteurs employed in 1882 performed labor equal to that of one man for 12½ years; found 205 Protestant families without Bibles, 279 with no other religious books, and 373 families who never enter the House of God. They sold books worth \$13,382, and made free grants to the value of \$913, as they made 81,679 family visits, and held 625 religious

The books circulated are sound and good, teaching the RUIN of man by the fall, REGEN-ERATION by the Holy Spirit, and REDEMPTION through our Lord and Saviour Jesus Christ. They are eminently designed to spread abroad Divine truth, and they are accepted by those that in every place call upon the name of the Lord. They give no uncertain sound upon the essential doctrines of the Cross: Justification through the blood of the Redeemer, holiness through the sanctification of the Spirit, and complete redemption through God's grace alone. Books and tracts designed especially to awaken the impenitent and point to Jesus are imported in great numbers. Almost 10,000 "Come to Jesus" were distributed last year.

The prayers of all God's people are earnestly requested for the Spirit's power to accompany the reading of the books and the evangelistic efforts of the Colporteurs. A copy of the last Annual Report, giving much interesting information and copious extracts from the Colporteurs' reports, will be sent on application to the Secretary.

American Baptist Publication Society. As advertised last year, we continue to

order the publications of the above Society upon which we allow a discount of FIFTEEN per cent, excepting periodicals, from the catalogue prices. As compared with the issues of the British houses these books are expensive. Catalogues will be supplied upon application, and those ordering can decide for themselves. The Psalmist, published in the United

States for 85 cents, we continue to sell for 75 cents. From our Depot and through Colporteurs about 5,000 Psalmists have been already sold.

Denations to Dec. 31st, 1882, in aid of Colportage, \$40,127; amount paid by Society to Dec. 31st, 1882, for Colportage,

Patronize the Depository and thus aid Colportage, to which all accruing profits are applicable. Jan. 81. 1 y.

CARD.

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