The crescent moon disc, rising slow, With one attendant, radiant sphere. A cloud across the sunset's glow. And lo! the night is here! -Ninette M. Lowater, in Youth's Companion.

The Sword and the Altar.

BY WALKER Y. PAGE,



am about to relate, which, while it is not wholly destitute of pathos, will at the same time serve to illustrate most forcibly the undercurrent of genuine religious sentiment and personal piety that pervaded all ranks and conditions dying and the dead.

been fought over-at one time occu- of 'Jesus of Nazareth, the King of the pied by Federal hosts, at another by Jews.' Was ever other king so crowned? watch, but it was not in the accus-Confederate.

General B- had advanced his lines as far as Middletown, in the upper valley and beyond, while the Confed- with thanksgiving." erate army, under General J ____, was occupying the Luray valley, near Staunton and Harrisonburg-made fabattle field of Port Republic.

town, accompanied by his personal a scene as rare as it was impressive; staff, on a short tour of reconnoissance. eight Federal soldiers, together with woodland was raked from one end to It was a sightly pageant—that well ap- their general, and three Confederate the other, but no trace of the watch pointed band, with their bright sabres officers, including the boy, knelt to- and chain was found. The search was caparisoned steeds impatient of the took of the broken body and shed blood gave up his watch for lost. control of bit and bridle.

gregation had assembled, and that the loved ones, worshipers of the same Alservices had already commenced.

four sentries commanding all the ap-

distinguishing feature of Episcopal mander. worship -was just ending as this un-

The organ was pealing jorth its alband of officers took their seats.

Small as was that little country thurch, there were numbers of empy derly," he said. pews, and those that were occupied were occupied mostly by women and thus addressed him: gray-haired men.

three others, two young men and a ment." Confederete uniform.

had whispered to their hearts: "Peace, possibly be aware that you are several

voice of the aged pastor, as he an- not know how you propose to get back nounced his text-a voice deep, sonor- to your command, but this I do know, ous, and pathetic. Standing there, that any way you may choose will be with his long white hair and flowing attend with much risk and perhaps capbeard, his very presence seemed a ser- ture as prisoners of war. After what mon in itself; but from the moment has transpired to-day, I feel anxious he announced his text: "Come unto that you should get back without being Me, all ye that are weary and heavy- subjected to the danger and annoy- the ice, and also a gain of 1500 pounds laden, and I will give you rest," every ance of arrest and probably indefinite eye was riveted upon him, every ear detention." Then, tearing a leaf from was strained to catch his holy utter- his pocket portfolio, he wrote:

He stood within the chancel rail. without manuscript or note. He said: "I come to you this Sabbath morning, my beloved brethern, with a gracious when he wrote the boy's passport, he in England, that you could voyage message from heaven. I come as the said: "Confederate boy soldier." He from this Regent's Canal end to Liverambassador of Christ, to offer rest to bowed gracefully as he handed each pool by barge. So completely was the weary, and relief to the heavy- one his passport. As he handed the this country covered by these artificial laden-rest, sweet abiding rest, to boy his, he said: "My son, you are waterways during the canal fever, that earth's toil-worn and sin-laden suffer- young to be a soldier; I hope you may there was said to, be in 1836, includ-

who it is that makes this gracious mother." The boy's heart was touched, from water traveling. Railways, of offer. When I tell you it is Christ for as he turned away, unbidden tears course, soon rushed past the slow-Himself, mighty to save all who come were in his eyes. invitation is: Ho, every one that in the distance. and your soul shall live.'

for every wounded heart in Divine where his glowing hide was flecked tion of being the narrowest-only presence this morning—the oil of joy with foam. pry mourning, and the garment of The rider, who, at the head of his Blisworth, on the Grand Junction, is here are many of you, I know, who drew rein in front of the church, was are used to haul the barges through. reatly need this Divine Comforter. recognized at once by all the congre- - Cassell's Magazine.

Those habiliments of woe (the ladies o' gation as the famous commander of the the congregation were all in mourning) "Black Horse Cavalry." When inspeak to me of bleeding hearts beneath formed of the character of their them. To you my text commends it- distinguished visitors, the part they self with special emphasis. The grave Itel taken in the services of the day, has shut forever from your eyes the and the generous manner in which the loved forms and faces of those who Confederate soldiers had been treated, were once your joy and pride. Did I he made no comment, but merely resay 'forever?' Oh, no! not forever marked: "We knew they were here, Hear the righteous Job, and let his and rode hard to capture them, and holy confidence be your abiding con- should have done so, but for the time solation: 'I know that my Redeemer consumed in a skirmish with their liveth, and that He shall stand at the picket line." latter day upon the earth; and though "After what has happened." conafter my skin worms destroy this body, tinued the famous chief of the 'Black yet in my fiesh shall I see God, whom Horse," "I am glad that we did not I shall see for myself?'

"Yes, my beloved brethren, be as- cut them off before reaching Middleour loved and lost ones shall be re- we came." stored to us, when reunited we shall The Confederate horsemen dissing together the song of the redeemed. appeared as suddenly as they had

"Come! This is the only condition come, leaving the congregation stand-He imposes. Come just as you are, ing in that old church-yard dezed Weary and heavy-laden, it may be, and uncertain whether it had not all with the burden of your sins, heavily been a Sunday morning's waking of you, like Rachel, weeping for her distorted vision. -Blue and Gray. children, and who would not be comforted because they were not. Come to the only Fountain that can wash away sin, the only true balm and con- all winter, exposed to the rain and solation for wounded hearts; come, snow, a valuable gold watch and chain for earth bath no sorrow that heaven belonging to O'Hara Darlington, who cannot heal.

"Tis Jesus bids you come. Will of the men engaged in that fratricidal you slight His gracious invitation? strife-an undercurrent none the less Come, my beloved brethren, to the tadeep and strong that the surface was ble of your Lord, which is spread for stained with the blood of brothers and you this day; come with your bruised Darlington mansion with its broad strewn with the wrecks of war-the and broken hearts. He has said: 'I scres at Guyasuta, where the noted Inwill refresh you.' Come to the foot of dian chieftain bearing the same name In was in the early spring of 1862, the cross this morning. View your when the Federal forces, under Major. crucified Redeemer agonizing there. General B --- , were advancing on that See in His feet and hands the memorable campaign in the valley of nail prints, and the spear Virginia. Every foot of ground, from thrust in His side. Behold that crown the Potomac to Staunton, had already of thorns, and hear that mocking cry

"Let us commemerate, my brethren, that scene in our hearts this day. Let trace of the heavy gold chain with us feed on Him in our hearts by faith which the watch had been attached to

The above is but a meagre sketch of reveal the missing valuables. Hastily the sermon of that eloquent old man. When he closed, there were but few called his hired men, six in gregation. Perhaps it was expected a large number of neighbors. than of the fiery passions born of war ante-communion service, and when the and bloodshed, when General B ___ communicants were invited to approach rode out from his headquarters in the the sacred table, the church presented flashing in the sunlight, and their gaily gether around that holy table and parof a common Lord and Saviour.

An hour's rapid ride through field Not until all had communed, and and wood brought them in sight of a the old pastor had invoked a blessing small country church, nestled away upon all, did these Christian soldiers just within the vestibules of a forest, offer to retire; and when they arose to with its modest spire still pointing go, it seemed as though they were heavenward, having not yet had the loath to quit the sacred precincts of desecrating hand of war laid upon it. that old country church where As the cavalcade approached they they had doubtless been brought became aware of the fact that a con- nearer to God and nearer to their mighty Father, in temples far away.

Concluding that he was still by With bowed heads and deeply revseveral miles within his picket erential manner, they filed two and lines, General B- ordered a two out of the church, led by the comhalt, and after a brief consultation mander, the congregation remaining with his officers, and the stationing of in their pews until all had passed out. This soldierly cavalcade, once more proaches to the building, the whole in the saddle, formed an imposing

cavalcade dismounted, and leaving group to look upon; the general, a their horses in charge of their order- man of rare personal presence, seated safely stowed away in one of their lies, proceeded in a body to the on a magnificent charger, and surrounded by his staff officers, each of in the evening and was shown the The beautiful morning service-the whom was but second to his com-The spell of the sanctuary was still

expected accession to the congregation upon them, for as yet not a word had been spoken, and they waited in silence for the command "Forward." It did the position in which it was found is a dence; two by Fred Bowers, Fall were killed annually for six consecutive most human cry of "Jesus, Saviour of not come. Their leader seemed ponmy soul, let me to Thy bosom fly," dering upon some thought which had as, quietly and with most respectful taken possession of his mind to the colemnity, this small but distinguished exclusion, for the moment, of the soldier instinct of mental alertness.

Suddenly he spoke. "Call an or- in Ice and Refrigeration, some inter-

When the soldier came forward, he ment of frozen fish, which may be of

children, with a small contingent of "Orderly, go to the church and pre- know, a large quantity of frozen salmon sent General B--'s compliments to finds its way from the freezing plants There was a most noticeable absence the three gentlemen dressed in Con- at the fisheries to the East. In shipof men worshipers-only two or three federate uniform, and say that he ping the trade recognizes the fact that old men with whitened locks, and would be glad to see, them for a mo- fish frozen solid will in part refrigerate

manly boy who had seen scarcely four- Without a moment's hesitation, the teen summers, all three dressed in three came forward, accompanied by the orderly. After the salute, which The momentary ripple of excitement | was gracefully acknowledged by the genoccasioned by so unlooked-for a pres- eral and his entire staff, the general, ence soon gave way before the spell of addressing them as "soldiers," said:

pious devotion which pervaded that "I requested your presence, gentlelittle sanctuary as though some angel men, because I suppose you cannot miles within our lines, which have been And now came from the chancel the very recently moved forward. I do

> Give the bearers safe escort beyond the Federal lines. Signed B-

Major-General Commanding. live through this terrible conflict to | ing navagable rivers, no place south of "Let us first consider, my brethren, be a blessing and a comfort to your Durham that was over fifteen miles

unto God through Him, you will re- The general continued: "Gentle- there are still more than 3800 miles of cognize not only the ability, but the men, please present our thanks to your canals open in the United Kingdom, willingness of the gracious offerer. worthy pastor for his sermon to-day." while 120 miles have been turned into We all know, my brethren, what rest So, saying, "Forward! double quick!" railways. means to the hungering and thirsting and almost before the three Confeder- The longest canal tunnel is on the soul. It is this He offers you on the ates had rejoined their friends in the Thames and Severn, and is called the sole condition that you will come. His church, the Federals were out of sight | Sapperton Tunnel. Its length is

3808 yards. No horses tug the boats thirsteth, come ye to the waters, and When five or six minutes had elapsed through, but men-like birds for once he that hath no money, come ye, buy in discussing the event of the day, and -rest on wings; that is projecting and eat-yea, come, buy wine and before the congregation had dispersed bits of wood, and "leg" the barges milk without money and without price. to their respective homes, they were along, or push them with poles. The Incline your ear and come unto Me, startled by the appearance of a horse- Lappel Tunnel on the Birmingham man in their midst, riding a noble Canal, is almost as long, extending for "This gracious Saviour offers a balm steed, black as a raven's wing, except 3795 yards; and it has also the reputa-

seven feet nine inches in width. The Thise for the spirit of heaviness, command, sat like a centaur, as he 3056 yards long, and here steam tugs

SEA MESSENGERS.

FAST-FLYING PIGEONS IN UNCLE SAM'S NAVY.

A Durable Watch.

burg, Penn., has been discovered, and

before it was lost early in last Novem-

ber. Mr. Darlington owns the old

is supposed to be buried. Last fall he

was in the woods superintending the

the vest. A careful search failed to

morning Mr. Darlington were back in

burg, went to the wood for a stroll.

easy reach a gold watch and chain.

tiously, lest by some awkward move-

ment a pretty optical illusion should

be dispelled. However, they soon be-

watch he, too, was greatly surprised,

Transportation of Frozen Fish.

John Wallace, a prominent fish

shipper at Kalama, Washington, gives,

esting facts in relation to the rail ship-

general value. As our readers well

gerator cars. These cars are first re-

practicable, and then the floor is cov-

ered with several inches of chilled saw-

dust. The boxes of fish are then loaded

car, which also is filled with cold saw-

dust. Then the car is closed and sealed.

No ice is placed in the tanks of the

weather without ice, and that, too,

days. The saving effected is the first

of fish in lieu of that much weight of

ice, which by the practice of the

Northern Pacific road is allowed free.

English Canals.

moving canals in public favor; but

mystery.-Pittsburg Dispatch.

burning of some brush.

After hanging on the limb of a tree

Encouraging Results Were Obtained Through Their Employment on the Constellation - Successful Tests Made With Ten Birds.

arrive in time. Even now we might W. Childs to provide the cote and that particular part of the burial outfit. of his friends to furnish the birds for The pine box was but little decomsured there will come a time when all town; but let it pass! We will return it were approved by Captain Philip posed, and the coffin was in a very fair these tears shall be wiped away, when to our headquarters empty-handed, as and favorably mentioned by him to state of preservation. Though the ficial sanction followed.

The official acceptance of the cote and complete change. and pigeons, and the fact that pigeons were used as messengers in the naval of lime, had hardened into a perfect parade, are steps, some people think, stone condition, so that four men could in the direction of the establishment | but barely move the coffin. Perhaps oppressed with sorrows manifold, many dream, the baseless fabric of some of National lofts with pigeons for the frame was more compact than it messenger service under Government had been in life, but otherwise the

lives a short distance above Sharps- on a capstan, but which, nevertheless, tion, however, and might have in the of such service in the navy.

to-day is keeping time just as it did Academy loft and two old birds.

The day was warm and soltry, and Of the work of the ten birds Lieu- Democrat. on his way home he carried his coat tenant W. S. Benson, in his report to and vest over his arm. At the supper the Secretary of the Navy, says: table he had occasion to look at his

"The cote was kept closed for a forttomed pocket, neither was there any leaving the supper room, Darlington the weather was good and in a very among fertile farms and prosperous mous in history by the not far distant dry eyes in that hushed and awed con-It was one of those calm, quiet Sunday mornings, suggestive rather of peace on earth and good will to men they remained and participated in the entire night in searching for the missing watch and chain. Early the next

the woods again, and the search was kept up for two weeks. The entire They were taken several miles overland pours out of it. finally abandoned and Mr. Darlington One afternoon recently Fred and Frank Stout, sons of Harry A. Stout, manager of Tibb's glass house, Sharpsback and in very good time."

The two boys had not gone far till one of them had his hat knocked from his head by the overhanging branch of a tree. Glancing up to see what he had run against, he was astonished to see right before his eyes and within The boys approached the limb to which the watch was hanging, caubetter conditions.

came convinced that they had not been made the victims of a trick, and a few moments later they were flying Professor Marion.

homeward, with the watch and chain The entries were ten birds owned by pockets. When Mr. Stout came home the Messrs. W. Jarmin, W. B. Laudenslager, C. D. Stickney and J. A. for along with a party of other neighbors he had gone on an all-night search for that watch five months be- L. A. Mehler and W. T. Innes, Phila- It is stated that on a sheep run of 60,fore. How the watch came to be in delphia; two by P. E. Galligan, Provi- 000 to 80,000 acres 10,000 kangaroos loft at Annapolis.

This table shows the prize winners: Home. Start. Finish.
..Atlantic City Aug. 16 2: 57 p.m. Marion Atlantic City Aug. 16 6:39 p. m. Pythian . . . Atlantic City Aug. 18 11:20 a. m. Royal Blue | Woodbury Aug. 18 Fullam Woodbury Aug. 24 4:36 p. m Ninety-one.. Annapolis Reeder. .. Annapolis Aug. 24 4:36 p. m.

themselves. They therefore pack them over, of Louis Mehler. tightly in boxes and load into refriduced to as low a temperature as flown in any other direction, and the week previous to being sent on board High Point, N. C., 387 miles. It was in, leaving a space of several inches between the sides, ends and top of the car, but it has been found by quite extensive experience that fish so packed for shipment reach their destination in perfect condition in reasonably warm after a passage of fifteen to eighteen

ing its despatch intact. This one experience was worth all | Hardwicke's Science Gossip. the experiment cost, as it overthrew the pet theory that pigeons need to be taught the way; that to do good work they would become demoralized.

The birds were let go at 9 a. m. of each day. The Atlantic City returns when started, the course all over same day.

The Woodbury birds were liberated and all sent returned. The New England birds were let go the second and fourth days out, but only one, Miss Read (known at home as Small Hopes) was reported. Morpheus, of the Innes entry, was shot when within sight of a very large fleet of clippers, outside home the day of liberation.

off Point Lookout, about sixty miles European markets; the wheat trade of from land.

Caverly. Washington, were used from | wool exports from Australia, the jute the Constellation, but without being traffic of India and the slowly expandregularly entered, and it was to ing industries of the South American Madame Chester, let go at sea and 200 seaboards, are all trades which still miles distance, that Professor Marion give more work to sail than to steem.

The sailing ship will never again disposal. - New York Herald.

lation and no missionary; India, one of the steamer, so long is missionary to 275,000; Persia, one to the clipper ship likely to go on flour-300,000; Thibet, one to every 2,000,- ishing in those trades where prompt 000. If 40,000 missionaries were sent dispatch is not a matter of the very to India there would still be only one first moment.-English Illustrated

A Petrifled Man.

"A remarkable case of petrifaction came within my observation not long since," said H. G. Bartlett, who is a guest of the Lindell. "While in Carlyle, Ill., a body was exhumed from a neighboring graveyard, which had turned to stone in the course of six years. The body was that of John Russell, who had died six years before, and his friends lately saw fit to remove his body to a new cemetery. The place NCLE SAM'S cruiser New where Russell was buried is a low, wet York is to have its pigeon cote part of the cemetery, with a kind of and birds for messenger ser- lime stratum running through it. Time vice. The offer of Mr. George had not played sad havoc with any the Secretary of the Navy, and the of- clothing had molded away from the body, the flesh had undergone a queer "It had taken to itself the property

features, according to friends, were as The cote upon the New York will be of the living man. The body, how-No. 2 of the United States naval mes- ever, of Russell's father, by whose side senger service, No. 1 being that or- he had been buried, was also exhumed, iginally on the Constellation, an affair and showed no trace of petrifaction. so small that when in place it rests up- It was in an excellent state of preservawill pass into history as the beginning course of time undergone the same change. By what wonderful process Cote No. 1 is four feet high, three the body could absorb ingredients that and a half feet wide and four and a would harden its every pore is more half feet deep, has only four nest than I can comprehend. It seems to the Constellation last July for the that it might be policy to analyze a serving bodies."-St. Louis Globe-

People Living in a Volcano.

Thirty miles from the city of Kumanight, when it was opened and all were moto, Japan, is the volcano Aso San. allowed to fly about the vessel, then at This volcano has the largest crater in anchor off New London. At night all the world. It is more than thirty miles but two, one an old bird, the other a in circumference, and peopled by 20,youngster, had returned. After this | 000 inhabitants, says the Chicago the cote was opened every day when Times. Think of walking for miles short time the pigeons became accus- villages, peering into the schoolple about the decks, flapping of sails, within the shell of an old-time crater, place I saw the brick-red hot water "Four of these birds were frequently utilized to turn a rice mill. The inner taken on shore, out in boats and to crater is nearly half a mile in diameter, other vessels, and they always returned. and a steady column of roaring steam

and out of sight of shipping and still! The last serious eruption was in returned. On several occasions they 1884, when immense quantities of were taken ashore and not liberated black ashes and dust were ejected and till the ship had left her anchorage and carried by the wind as far as Kumawas several miles out, under sail and moto, where for three days it was so light yards down, and yet they got dark that artificial light had to be used. But what interested me most This proved conclusively the useful- was to learn that out of that old-time ness of pigeons as messengers to the crater had come not only a stream of vessel. The other experiments of pure water and many kinds of farm communicating with the shore from product, but young men who, seeking the vessel while at sea were more ex- a wider school and home than the tended, but through lack of time for mouth of a vigorous volcano, had preparation, the results, although they found their way to Kumamoto, Kyoto, surpassed expectations, did not reach and America, and were now foremost the limits of succees obtainable under among the Christian educators and preachers of Japan.

The incentives for the flight from | The pulpit orator of Osaka, the the Constellation to the shore were the principal of an English school at prizes offered by Mr. George W. Kumamoto, who is a graduate of Childs-ten for best returns the day of Andover, and one of the Doshisha liberating, a special prize for best professors at Kkoto, a New Haven work and a special to be placed by graduate, all came from that valley of death.

Kangaroos.

The kangaroo plague has always been Webber, of Atlantic City; six by a great nuisance to the Australian Theodore P. Green, of the Royal Blue squatters, for on an average these ani-Line loft at Woodbury, N. J.; four by mals consume as much grass as a sheep. River and five from the Naval Academy | years, and yet their numbers remained very formidable in the locality. In the colony of South Australia hundreds of thousands of kangaroos are slaughtered annually for their skins and the bonus offered by the authorities.

The number of these marsupials in New South Wales in 1889 was estima-Woodbury Aug. 18 5:00 p. m. ted to be over 4,000,000, and yet about Aug. 18 5:00 p. m. 500,000 kangaroos and 650,000 wallabies were destroyed in the colony in that year. A bonus of sixteen cents The specials for best work were for each kangaroo killed is offered in awarded to the two Philadelphia Australia; hence the colonists are gradbirds, J. Q. A. Herring and Miss Con- ually exterminating these native animals. Over half a million skins are These birds were in regular training annually shipped to England and a from the Southwest, had never been large number to North America, to be converted into leather.

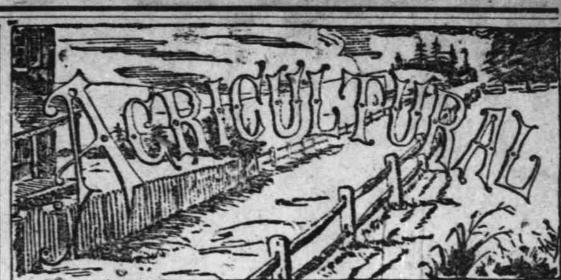
The macropidse include several kinds the Constellation had returned from of kangaroos and wallabies. The progress of settlement in Australia has expected that the two would be held driven these animals from the more until the vessel was off Cape May, but densely populated parts of the Austra-Captain Chester, wishing to advise lian continent, but in the country and Philadelphia that the Constellation was unsettled districts they are still numeron her way, let the two go when off ous enough to cause very considerable Point Judith, R. I., giving the birds damage to the natural grasses. So serifully 225 miles journey from the ous has been the injury thus wrought northwest. Both returned, one bear- that the colonial governments and runing an empty quill, the other deliver- holders pay a small sum per head for the destruction of the kangaroos .-

Must Have Sailing Vessels.

There is a great deal said from time they must always be kept upon the one to time about the decline of the sailing course, because, if put upon another, ship and the near prospect of her total disappearance off the seas. But, in point of fact, there never were such a large number of fine sailing vessels, were about ninety miles from home, both affoat and building in our yards, as the British merchant service boasts water. Of the ten three returned the to-day. As our colonies thrive and increase-for with them our chief ocean intercourse lies so must the demand from about fifty miles off the coast, for shipping necessarily become greater, and there will always exist many branches of commerce in which sailing ships may be far more profitably employed than steamers. New Zealand annually gives work to

the regular liners, in carrying the The Naval Academy birds were let go frozen carcases of sheep to the California employs every season many Other birds owned by Mr. R. B. thousands of tons of our shipping; the

carry passengers, but so long as coal at an average of a pound a ton remains Afghanistan has 6,000,000 of popu- a condition of the employment



FEEDING AN OLD HOESE. old animal, and especially a horse perature. currying of the skin is helpful to the blood. -Colman's Rural World. digestion. - New York Times.

VERMIN ON POULTRY. A very good plan to exterminate vermin from poultry is to take a common oilcan, fill it with kerosene emulsion, or whatever you prefer using, go to the henhouse after dark with a bright light -the fowls will remain quiet-apply slight cost. Even a village or city lot the oil to the head and under the places, and when first placed on board me, and I suggested it at the time, wings of all fowls of your flock; put it strawberry bed, a row of raspberries, on thick, it will do more good than a tree or two of plum, peach, cherry, cadets' summer cruise had as occupants portion of the frame and learn again, harm to them, only keep it out of their pear or apple and half a dozen, grape eight youngsters reared in the Naval if possible, the perfect way of pre- eyes, ears and mouth as much as possible. Kerosene the roots well and the people of moderate means are far lice will pick up their traveling bags better supplied with fruit than farmers, and depart. Sulphur burned in the though the advantages of the latter henhouse will also rid them of lice, are far greater. The plea of "no but apply oil to the fowls and the time" to look after it night be given work is done. - New York Independ- if everybody did not know that the

HOW TO PLANT SEED. oat, orchard, meadow, Italian rye, secure the largest per cent. of growth, of the above grasses, all except red nearly eighty years of age. When grow. The above shows the importance of having a fine, level seed bed to sow on. There are 960,000 seeds in two quarts of medium red clover, which would give over twenty-two plants to the square foot, more than twice as many as will grow on it. Last spring we used only two quarts per acre and never had a better stand. After sowing we go over with a light smoothing harrow.

RAISING TOMATO PLANTS.

No crops have received such a vast increase in the area planted within the last few years as the tomato. This is partly due to the establishment of canning factories and also to the increased demand for the fruit in city markets. The price of early tomatoes has decreased for \$6 to \$10 per bushel twenty years ago to \$3 now owing to large shipments of Southern tomatoes, which were formerly unknown. But the average price is higher now and the yield has increased from 100 to 300 or 400 bushels per acre.

The price paid by canneries is twenty-five cents per bushel. Two years ago the farmers of this section tried to force the factories to pay higher prices and make contracts more favorable to the farmers, but they failed, mostly because they lacked confidence in each other; and those who were most enthusiastic in forming the combine were the first to rush to the factories

to secure contracts. The tomato is very susceptible to the care bestowed upon it. One must try to secure a rapid, vigorous growth during the early part of the season and a slight check then will very materially decrease its yield. If the seed be not sown in a hothouse during March plants can be bought at \$1 per thousand. The houses used to force early tomatoes are generally heated by box stoves which take two foot wood, one at each end of the house under the beds, and the pipes are extended beneath the beds to the further end of house, gently inclining upward to secure a good draught. The temperature is kept at about sixty degrees and the soil for the beds is composed of equal quantities of rotted manure and sandy soil sifted together. - New England Homestead.

HUMANE WATERING OF HORSES.

oftener than three times a day is not gun. Destroy every weed as soon as only a mistaken idea but often an in- it appears. If this is done the later human practice. A horse's stomach is work will be much lighter, and the imvery sensitive, and will suffer under the proved appearance of the garden and least interference, causing a feverish improved quality of the vegetables will condition. Keeping a horse principal-ly on grain and driving it five hours the roots of the plants grow larger and without water is like giving a man salt stronger cultivate shallower so as not mackerel for dinner and not allowing to injure them. him to drink before supper time.

of horses and have any sympathy for burn. Give a liberal application of them water as often as they want to coarse stable manure and plow under so drink. By doing this you will not only that the frosts and snow of winter may be merciful to your animals but bene- benefit it as much as possible. - Farm, fit yourself, as they will do more work, Field and Fireside. look better and live longer. If you are a sceptic and know more about horses than any one else, you are positive the foregoing is wrong because you have had horses die from watering too much, and boldly say that agitators of frequent watering are fools in your estimation and you would not do such Just reason for a moment if an ani-

mal would have overdrank and chilled his stomach if he had not been allowed to get overthirsty. A horse is a great deal like a man. Let him get overworked, overstarved or abused, and particularly for the want of sufficient water in warm weather, and the consequences will always be injurious. Senevery hour while at work. It is plenty tonic to the system.

of water that supplies perspiration or R requires good feeding to fatten any evaporation and keeps down the tem-

whose system has been run down by What old fogy methods amount to hard work. The best kind of feeding may be seen in the change of medical is cut hay, wetted slightly to make the practice to man. Twenty-five years meal adhere to it, and mixed with it ago a person suffering with fever or eight or ten quarts daily of ground pneumonia was allowed but little water, oats, with two quarts of linseed meal. and then it had to be tepid. To-day This is for a day's feeding. Salt should the best practitioners allow their pabe given in moderation—a small hand- tients all the cold water they can drink ful with each feed in the morning. At and cold bandages are applied to renoon loose hay may be given. Thorough duce and control the temperature of

RAISE PLENTY OF FRUIT.

There is perhaps not one person in a hundred who does not like fruit, but not one in ten has all he wants of it, writes Doctor W. F. Bird. Yet every one who owns an acre of ground could have this want fully supplied at a could be made to accomodate a small vines. I believe, however, that town plea was learned in younger days when you played so long that there was no time left for the tasks your father Farmers lose a large amount of seed assigned you. An acquaintance who by covering too deeply, which is has charge of an extensive basket money thrown away, says a writer in factory finds time to cultivate in a the Practical Farmer. Red top, tall most successful manner more than half an acre of strawberries, doing millet grass and red clover should not nearly all the work himself before be covered more than half an inch to seven o'clock in the morning and after clover, if covered from three-quar- showing visitors his strawberry beds ters to one and a quarter inches, only he seems twenty years younger. half of the seed will grow. Of red During the meeting of our State Horclover, if covered from one and a ticultural Society, the last of Decemquarter to two and a half inches, only ber, Doctor Vaughan, of the State the same amount will grow. Timothy University, read a paper on the food and blue grass should be covered only value of fruit. He produced some one-quarter of an inch for the greatest facts that all should know. Fruit is per cent. to grow; if covered three- not only nutritious, but its health quarter to one inch only one-half will giving properties are far greater than most people suppose. - Orange Judd

> THE FARMER'S VEGETABLE GARDEN. Every farmer should have a good vegetable garden. Nothing will contribute to the health and well being of a family more than an abundance of fresh vegetables, and the cost and labor is comparatively so small that even the busiest farmer can find time to give the garden the necessary atten-

Perhaps the best situation for the average garden is an open, unshaded piece of land sloping slightly to the south. Abrupt slopes in any direction are undesirable because of their liability to wash in heavy rains.

The best soil is a deep, rich, friable loam, and the nearer your soil can be made to resemble this the better. If it is impossible to put in the drains, a cheaper system may be had by leaving smooth-bottomed furrows at intervals of from ten to thirty feet, which will carry off the surface water.

The best form for a garden is a rectangle, several times longer than wide, and if arranged for horse cultivation, much time and labor may be saved.

As soon as the ground can be worked in the spring apply well rotted stable manure and plow under. Use the harrow until the soil is thoroughly pulverized so that the seed may be surrounded on all sides by minute particles of soil from which to absorb moisture. Plaster, wood ashes and other commercial fertilizers may be used to advantage. Sow the wood ashes broadcast just before planting and harrow

After the ground is prepared the different seeds should be sown as nearly as possible in the rotation in which they mature, so that as soon as one crop ripensit may be cleared away and a later one planted. When selecting seed be sure to secure it of a seedsman who has a reputation for honesty and fair dealing and select the old approved varieties rather than new untried ones.

It is of the greatest importance that the rows should be perfectly straight, not only on account of their improved appearance, but because of the greater ease with which they may be culti-

Do not think that as soon as you have planted the seed your work is That a horse should never be watered over, for, in truth, it is only just be-Last, after all the vegetables are

If you know anything about the care safely stored, clean up all rubbish and

FARM AND GARDEN NOTES. Over-feeding is an evil to be guarded against.

Pea-vine hay is recommended as food for live stock. Sunflower seed is good used now and

hen for a change. For good mutton the ewes and lambs need grain food.

Color has nothing to do with laying abilities of chickens. A constant succession of green crops

is desirable for soiling cattle. Oats are recommended for the summer season instead of wheat and corn. sible horsemen in all large cities are Linseed meal is excellent for poultry. awakening to the advantage of frequent It should be given in small quantities watering. Street car horses are watered about once a week, then it will act as a