THE MASTER'S TREASURES.

I wonder if ever the children Who were blessed by the Master of old Forgot He had made them His treasures, The dear little lambs of His fold. I wonder if, angry and willful, They wandered afar and astray-The children whose feet had been guided

So safe and so soon in the way. One would think that the mothers at evening Soft smoothing the silk-tangled hair, And low leaning down to the murmur Of sweet childish voices in prayer, Oft bade the small pleaders to listen If haply again they might hear The words of the gentle Redeemer Borne swift to the reverent ear,

And my heart cannot cherish the fancy That ever those children went wrong, And were lost from the peace and the shelte Shut out from the feast and the song. To the day of gray hairs they remember I think, how the hands that were riven Were laid on their heads when He uttered.

'Of such is the kingdom of heaven.' He has said it to all of His children, We, too, may be sorry for sinning; Who read it in God's Word today; We, too, may believe and obey. And 'twill grieve the dear Saviour in heave If one little child shall go wrong Re lost from the fold and the shelter.

"SAID."

Shut out from the feast and the song.

[Concluded from last week.] "That's true, yes; but it is untrue that I have come to disturb your ancestors."
"Englishee man not dig up Chinee mans as the dogs dig up the sweet po-tatoes in the dark?" she asked.

"Never." "But the dragon of a million teeth must make his bed across the sacred place of my ancestors, or else he slips into the river and is lost, for no bridge can be stretched above the river over there.' She pointed with her tiny finger toward

Again he smiled as he said, "Listen." I listen," she replied, and the sigh of each was as one sigh, and it was a sigh

"Come?" he whispered, reaching up his arms for her in an adoring entreaty There was a little pause.

Then over the top of her sleeve she answered, "I come," and her arms reached down to his. He gathered her to him, and lifted her to the pile of mats on the lower floor.

Not relinquishing her, they sat there, and "I love you." His eyes were looking into hers by the light of the swaying lanterns. "Do you understand?"

"I understand." "Say it." "What, say?" Ah-Moy-Ah would have raised her sleeve again, but he drew it

away; then she sprang up, only to kneel beside him and, clasping his hands, to whisper, "I love you." They did not speak for a little while nor stir; presently a gunshot sounded, and the grandmother uttered a guttural scream. He drew the girl closer to him

"That is my grandmother; she moves in her dreams; she is up on the large mat above; the shot is from my relatives; they see thieves in the fields; they "If I stay with you, what happens?"

"And you?" The curs were snarling in the potato-patches, and there were cries of men, women and children; Holt's pony

"They will make you dead."

asked quickly.

swered.

'Worse, me." Ah-Moy-Ah laughed "I will go away, but I will come back tomorrow night. You will be here?"
"I will be here."

'And I will fetch two ponies, and we'll ride fast together to the mission compound, and the mission priest will marry us. Do you understand?"

"I understand. I have seen so in Tien-

"You will be here?"
"I will be here." "Kiss me, Ah-Moy-Ah." "I know not how do that," she an

Then I will teach you," and he did so "And you will keep this?" He took a ring from his finger and put it on hers When he had slipped away from the lodge, scattered the dogs, and was well his way, Ah-Moy-Ah seized the stick and began to beat the gong with all her might, and also to scream, thus wakening the grandmother, who sprang to the lattice shrieking. From across the fields

came response Then by the light of her lantern Ah-Moy-Ah put the ring in her pocket and fell to stitching and painting her flowers of silk, and thus her father and her other relatives found her when they came. She knew nothing; no one had been there except the dogs. Indeed, was any

thing stolen? No, nothing was stolen. That was good fortune. Yes, they had better search. Pony's tracks! Ah, yes, she had heard hoofs pounding, and fancied the tea camel-train was crossing the country. Foreign devils? No! Did her honorable father find a devil's paper out in the bushes, folded up? That was Perhaps the tiger with the sick eyes had put it there to frighten away the thieves for them. Ah-Moy-Ah smiled sweetly as she tooled the veins in her wonderful poppies of silk, and Ah-Moy-Ah's father spread out the devil's paper on the floor, and by the light of the lanterns scanned it carefully. It was a newspaper, with portraits of a man and a woman; near the man's picture there were a few Chinese characters and a railway train in miniature crossing a desert. The father of Ah-Moy-Ah shut his eyes tight, thus, as he believed, imprinting on memory the picture of the man; he refolded the paper and laid it on the mat. Then, as the day broke, all the relatives went home, leaving Ah-Moy-Ah and the grandmother alone. The grandmother fell asleep again on her mat. The girl lighted a fire, boiled the water, brewed cakes: then she woke the older woman and while they ate she recounted to her a part of the events of the night. When the grandmother had eaten, she crept

down the ladder and went to the house, saying she would be back soon.

Ah-Moy-Ah was glad when she was

upon the devil's paper where it lay upon the mat. She sang the ballad of "The Little Teacup," and was happy as the hares were, scampering in the milletfields, not knowing they were to be hunted to death very soon. Then she went to work on her flowers of silk once more, and the old woman came back, and the and the old woman came back, and the sun fell asleep, and the boy fetched sup-per from the house, and as the old woman could not see very well, the ring still sparkled on Ah-Moy-Ah's finger.

At twilight the lanterns were hung once more, and the mists crawled up from the marshes and swallowed the land, and Ah-Moy-Ah covered her grandmother carefully with the wadded quilt and taking the folded devil's paper, she used it for a cushion for her own knees. as she knelt at the lattice and waited.

But not for long; for soon she heard the hoofs in the thicket, his voice in the fog, his footfall on the ladder, and then his arms were around her.
"Come," he whispered. "My servants

Ah, my ring is on your hand!" He lifted her to her feet, his own treading now on the folded devil's paper, and he carried her down the ladder; and then they heard the voice of her father calling:
"Ah-Moy-Ah! Ah-Moy-Ah!"
"My father is coming!" she exclaimed.
"Let him come!" Sir Eliot answered.

"You are a foreign mister come from Tientsin to buy flowers of silk," whispered; "you are a trader." Ah-Moy-Ah slipped his ring from her hand and own distinctive Semitic nation. into her pocket once more. Then the father came, holding a red lantern in all of these things perfectly intact. His

they tell him what your dog of a child can do. Do you make the sale with him. I have not the brains." As she spoke, she wondered at the lanterns of red, be-cause in China red is used only for festiv-ities. And while her father held up his lanterns and slowly looked at Sir Eliot, she said to her lover rapidly in her broken English: "Go away quick. I will be, soon as he go, at wide ditch with blue lantern in my hand."

"Red lantern?" Holt contrived to mur-mur between his very broken talk with Ah-Moy-Ah's father on the ubject of

"No," she answered. "Red is for festivals, for betrothals, for-"Is it not 'said' between us?" he whispered to the girl, meantime giving much praise of the needlework to the father. Ah-Moy-Ah lowered her head and

fetch down her best flowers of silk while he pocketed the money which the foreign mister cheerfully gave.

And Ah-Moy-Ah, having wrapped the flowers of silk in the devil paper, fetched them to her father. He took the parcel from her, scolding her for her abominable carelessness as he pulled the flowers from

the paper, put them into a seed-bag, and gave them to Holt, who then went away without even so much as looking at his sweetheart. Indeed she had discreetly turned her back to him, and was wiping

I have never seen him, but he pays a suit- ten. able dowry through the middle-man. You are lucky. The wedding will be soon. He slipping over Sir Eliot Holt's ring in her pocket, laughed softly as she replied: "Honorable sir, I am indeed a happy slave to you, and it is an unspeakable joy to me that I am at last betrothed to a splendid man." As she spoke these words, she managed to slide her finger into the big

Her father also was feeling the money in his pocket. "The foreign devil that buys the flowers of silk is not a trader; he is the one who comes to make place for the railroad that shall dasecrate our

Ah-Moy-Ah shook her head and played with the red cards of her betrothal; she vinced no interest in the trader. "Look." Ah-Moy-Ah's father spread out before her eyes the devil's paper with the pictures. "Behold! This is the por-

trait of the trader; and see, the railroad. In our language it says he comes to make the journey short from one part of the land to the other."

Ah-Moy-Ah looked. She could not read Chinese at all, but she could make out fairly well the English printing. She nodded impassively, returning to her play with the cards.

But when her father had gone, she seized the paper which he had dropped, lay down on the ground, and caught the swinging lanterns closer. Then spreading the paper open, she made out the mean ing: That Sir Eliot Holt was off for China about the great railway the very day after his betrothal to the beautiful lady whose portrait was on the paper

She lay there a long time, so long that there were rustlings in the thicket, hoofs stamping, a man's impatient treadings. She did not hear. By and by she got up, put out the blue lanterns, and lighted the red ones. Then she laid Sir Eliot's ring in the middle of the paper, right on the hand of the lady whose portrait was near his; took her needle and red silk and sewed it fast there; then folded the paper carefully, and tied it with a piece of red ribbon. Then she awakened her grandmother, saying, as she gave her a red

"Grandmother, honorable old lady, I your unworthy and foolish slave of a grandchild, am betrothed." And the grandmother moaned as she waved the red card back and forth.

"Get up and come with me," exclaimed Ah-Moy-Ah. "There may be relatives, friends in the fields, to whom we must tell the news. Come!

And the tottering old woman was led by the younger one out of the yard through the puddles to the thicket next the wide ditch; and each woman carried her red lantern, glowing through the mists like a gigantic ruby. As they came, Sir Eliot saw them and sprang to meet her. But something—maybe the yellow, decrepit grandmother waving her red light and her red card—held him motion—

Ah-Moy-Ah bowed to the ground. Then her face shone transfigured in the rosy gleam of her lantern as she said:

"Honorable sir, you have left with my father the much price for my flowers of Ah-Moy-Ah was glad when she was gone. She drew the ring from her pocket, slipped it on her finger, and danced up slik, but you have forgot take everything that is yours with you: they are here." She handed him the parcel, laying on top little girl at the foot.

and down, and her small feet stepped of it one of the red cards of her betrothal

The grandmother stood still, but Ah-Moy-Ah, lifting her lantern higher, pointing to the red card and the parcel in the hand of the foreign mister, spoke softly

saying: 'Honorable sir, I am 'said.' Goo'-by.' And the old woman and the young one passed out of his sight in the mist.—Century Magazine.

China Old and Unclean.

We in America think that the famous Pyramids of Egypt are old. We look back upon their history with a sort of from a nation who lived and worked and think my skin could ever be so sctive as interesting, because so different from no animals on the farm that will beat the are near; the ponies wait by the ditch on the other side in the thicket. Come. Ah, my ring is on your hand!" It was a latter who nived and worked and think my s it is here.

I want to a latter who nived and worked and think my s it is here.

I want to a latter who nived and worked and think my s it is here.

writes Clyde Witmer.
Ordinarily, we look back upon the history of Greece and Rome as an antique period. As compared with China, our Grecian and Roman history is as modern news. Of the two races of people who still survive from out the period far back in ancient history, the Jews and the Chinese alone are left. Every other nation has perished. The Jews, however, she have lost their country, and there is no Ah-Moy- nation which they can now claim as their

each hand.

To her father she said, kotowing to the ground: "Honorable sir, here is the foreign man come to buy the flowers of silk; at the mission-house in Tientsin they tell him what your dog of a child the velld's presented. His language is his own possession still, and the yellow man still possesses his distinctive nationality. "John," in addition, has contributed his share toward they tell him what your dog of a child the velld's presented. the world's progress.

Around the commencement of the Christian era, the Celestial discovered how to make paper, and a few hundred years after this he devised the art of printing. Far back in historic times, when our Anglo-Saxon ancestors inhabited the British Isles, wearing coats of ani-mal skins and fishing in canoes dug out from tree trunks, the forefathers of the present Chinaman were selling Chinese silks and other profitable wares to the Roman Empire.

Although the Chinaman did not possess the instruments of mathematical precision which our engineers of today utilize, yet 200 years before the birth of Christ John Chinaman constructed the Great Wall around China, which contains material sufficient to build a wall six feet high around our entire globe. You canbeyed her father, who directed her to not help but take your hat off in admira tion to the abilities of the higher grade Mongolian, even though his country is reeking with filth and squal or.

Babies Who Think,

Do children think before they can talk? Professor Ribot, the great French psychologist, says that they do.
He cites the case of a child of Preyer, the famous student, writer and scientist. Preyer says of one of his children that it her honorable father's shoes.

Then her father said to her, still holding the devil's paper in one hand, as with the child, while at 18 months he knew the other he took from the pocket of his quite well whether one of his ten animals blouse a pile of red cards: "See, you are sold; you are to marry Wu Lang from the village of Fan-Si, twenty li from here. was missing or not, says the Springfield (Ill.) State Journal. Yet this is no proof that he was able to count up to nine or

At 17 months Preyer's child, which could not speak a word, finding that it was unhas no time to come; but you will go to him, and that is all. You are betrothed."

And Ah-Moy-Ah, with her little fingers the right and left, found a small travel-

Another illustration is that of a boy, aged less than one year and incapable of pronouncing a single word, to whom a stuffed grouse was shown with the word "bird" uttered to identify it. The child immediately looked across to the other side of the room, where there was a stuffed owl.

Another child, having listened first with its right ear, then with its left, to the ticking of a watch, stretched out its arms gleefully toward the clock on the mantel-

Darwin related these observations of his grandson: "The child, who was just beginning to speak, called a duck 'quack, and by special association it also called water 'quack.' By an appreciation of the resemblance of qualities, it next extended the term 'quack' to denote all birds and insects on the one hand and all fluid substances on the other. By a still more delicate appreciation of resemblance the child eventually called all the French coins 'quack,' because on the back of a French sou it had once seen the representation of an eagle."

The Ideal Juryman.

There is a general agreement in London legal circles that the best jurymen are to be found among men sixty years of age. The opinion is that jurymen at that age show better judgment than younger men.
A leading London barrister, asked for

his opinion, said: "I prefer men about fifty years of age. A defending barrister in, say, a criminal case which has certain sentimental elements will always welcome a young jury. He knows he can touch their emotions far more easily than he can those of men over fifty. Sentiment is very rare at fifty, and a man is cold and purely logical. The average man who has reached the age of fifty looks upon things from a materalistic point of view, and his judgment is therefore unaffected by sentiment.

Education, save in certain civil cases, is no great asset to a juryman. The bricklayer or the mechanic has just as much knowledge of human nature and a houses. sense of justice as the professor, and in many respects barristers and judges prefer the unlettered juryman to the man of culture, though in the case of the latter he is less susceptible to an emotional plea.

The man with sound common sense, learned not from books, but from every, day life, is not so easily led either by judge or counsel as many suppose, and if you add the wisdom of years you get the ideal juryman."—Exchange.

She Knew the Game.

"Now, children," said the teacher to the junior class in arithmetic, "if I had nine yards of cloth and used five to make a skirt and three to make a jacket, what would I have left?" "A

FROM INDIA.

Kept in Hot, Close Rooms, Etc.

distant corner. By One on Medical Duty in that Far Eastern Country. Chastising Servants. The Different Peoples in India and Their Customs. Sick

THANSI, APRIL 29th, 1913.

Dear Home Folk: The rains and cool weather are all thing of the memory and tonight the heat is intense-not more than you can stand, but so drippy. Miss McL., the one who has been ill, declares I look like a washed out rag and I merely laughed at her, for you know how perspiring clean and clear of skin as I can ever become; it is all due to the constant bath-

I want to tell you about the chastising hard, and for the rest of the day I had as pudding last night. good a fan as anyone could desire. Miss McL. said she had not had such a good laugh in years as while I was venting my heated wrath upon those bare skinned urchins.

nice little surprise. Two of the nurses brought me a very pretty silver napkin women whom I have met sent me such a pretty belt, knitted from thread.

called the "Punjab." The curious thing the use of tobacco. splendidly developed men, hearly six feet tall; their morals and their characters correspond with their stature.

The doctor asked, "Do you not feel some ill affects from it?"

The doctor asked, "Do you not feel some ill affects from it?" very intelligent and nearly always beau- I am as sound as a dollar. tiful. They are clean and are really de-

living down around Calcutta. They are stand that kind of work many years." all very light in color, just about average ers" come; but they are not to be trusted and are the ones from which all the "bombs" and seditions start in this counthis new India rule herself?"

These various peoples are as much at war with each other as they are with us. They have a different language in all different standard of morals. Could you ever imagine them combining on the small subject of ruling their own land? And in the meantime, England, or some other country must take the helm, and the papers in the U.S. will be shouting war; and yet, what can they do (I mean

those at the helm.) I don't know just why I started on such a topic except that in the dispensary today two fine looking "Punjab" women, they submitted to the examination without shrieking and fighting and listened to all the instructions with eager ears and Iaknow they will follow the directions. It was so hard to talk to them and I had to find a special nurse to tell them what I wanted. I came home and upon crossing the road saw some "Bengali" men driving past on their way to the "Katchery" (court house) and of course you see how my mind ran on.

These better grade men have a club just beside the English club and each night they go there to play tennis and talk, just as their English brothers do; and they are dressed just as the English are, with this difference; they will wear only a small visorless cap. Of course no women are ever seen, that would be wonderful. If you were to follow these men to their homes you would find that they lay off their European clothes the minute they cross the threshhold of their

And just here, to shew you a bit of what "in Perda" may mean. There has been in the hospital, in a small private room, some Mohammedan women. The other night I was called over on account of a case and got there about 12.30 in the night. It was a hot, close night, although in one quarter a very good breeze was blowing. I went up onto the ing brightly and these three women, in fanning themselves, evidently in much distress from the heat and yet just outscreens along the sides, upon which were eight or ten women sleeping, and a de
of "God bless you" from every one in the boat the brave young officer turned to meet his death.—Pearson's Weekly.

No potatoes, egg plants nor weeds of the tomato family should be permitted to grow near the tomato crop.

lightful breeze came sweeping in from a

came out from the room naked, except for her pajamas, fanning herself, and pulled her blanket out and stretched her ments in the foal. frame of skin and bones out on the wind cooled stones and in a few minutes I Those who have thin land would find it heard her snore. To me it seemed al- profitable to manure and fertilize it, so most cruel, with all the big outside to leave any of God's creatures penned up in a small room on such a night.

We have had some patients who were makes one white and I am almost as supposed to be "perda" but have not vantage. stayed in their rooms nor refused in any way to go out if we asked them to do so; turns in live stock, and for a large pering and perspiring one does. I didn't but these others are very strict. It is all home and seems to fit in with the terrific "Loo" that has been blowing for the last I did yesterday. I have been having two days, a wind so hot it simply feels as small boys pull my "punkah," (not so though you would burn to pieces. The a day. very small either) but pull that fan they scant clothing and the inefficient food tages that the dairyman has over the beef would not. I have talked and argued seems to all go together, but are surely organi farmer. and scolded, but all to no avail, so yes. in direct contrast to the little dinner parterday I had a tub of rain water stand- ty I was at last night. A charming wom. that there is as much in the care of the ing on the porch and boy-like they were an had invited me to come informally to more interested in throwing water over her home, with only herself and husband. their nice bare bodies than in keeping Everything was so nice and charmingly me cool. I, of course, did not know how served and after we were through out my precious water was being wasted, onto the driveway we went and then one things on the farm and you will have less when after an hour and a half of exas. of the young captains whom I know difficulty with more important matters. peratingly shrieking at them I cautiously came in and the men smoked and we all looked out and saw what was happening, drank lemonade and told experiences unmust be put into practical use before out I went in my night dress and bare til after eleven o'clock; and this morn- they are of any financial benefit to farmfeet, and finding a nice long stick I pro- ing, while working in the dispensary, it ers. ceeded to tan those boys' backs good and all seemed like a dream, due to too much

(Continued next week.) Tobacco Dwarf.

There are many cases of boys whose use of tobacco has stopped their physical growth and there are thousands more Another day is started and as it hap- whose minds are dwarfed, and all penal pens to be my natal day I have had a institutions for boys and young men are filled with youths whose bodies are from

two to ten years older than their minds. Tobacco effects every part of the body. ring and had it beside my plate at early It prevents the proper digestion of food, breakfast, with a very charming little which is necessary to build bone and note attached to it. One of the English muscles. Its poison gets into the blood and shrivels up the little blood corpuscles, just as alcohol does, so they cannot convey oxygen and nourishment to Speaking of these Indian peoples; I the different parts of the body, nor carry have told you of the smallness in stature, out the poisonous waste matter. It paralyzes the motor nerves so that they etc., of the Hindustani men and women. cannot properly control the circulation of Truly their feet and hands are so tiny their bracelets wouldn't go over three of my fingers. There is a native state that one-fifth of all the young men exhere which takes in nearly the entire upper India and it is bordering on the U. P., pass because of heart disease caused by

about it is, that their men are great big, ed to be in perfect health, said to a docsplendidly developed men, nearly all over tor; "I have smoked twenty cigars to-

The doctor took the man's pulse and lightful to deal with, and yet they are said: "Your heart is beating 108 times a our neighbors; the people of this U. P. minute and that is thirty-six beats more that rate it would beat 1,190 too many Then there are the "Bengali" people, times in an hour. The heart can not

Tobacco relaxes and weakens the musing trunk, took it, climbed up and possessed itself of the desired object. Here there is certainly an element of inventions that most of the "plead-there is certainly an element of inventions to the "plead-there is certainly an element of invention ance. By investigation it is found that the students in our great institutions of learning who do not use tobacco develop, during the four years of college life more try, and then the West asks, "why can't weight, height and chest girth and lung capacity than those who are occasional or habitual tobacco users, and it is a well known fact that the prize fighters, pedestrians parsmen hilliard champions are not allowed by their trainers to use tothese sections, a different religion and bacco because of its effects upon the nerves and muscles.

It stupefies the brain, impairs the memory and weakens the mind-the will power. This is enough. How can any boy expect to grow and become a strong, resolute man, as every boy desires to be, while he is determined to smoke or chew

An English journal says: "If there is a vice more prostrating to the mind and body, and more crippling to the man's spiritual nature, than tobacco, we have yet to be convinced of it."

A medical society in Paris examined wives of soldiers, came for medicine and thirty-eight boys of all classes of society they submitted to the examination withusing tobacco for periods ranging from two months to two or more years, and found that twenty-seven of them showed severe injury to the constitution and insufficient growth; thirty-two showed ir-regularity of heart action, disordered stomachs, coughs, and craving for alco-holic stimulants; thirteen had intermit-tency of pulse, and one had consumption. After they abandoned the use of tobacco one-half were free from all symptoms in six months, and the remainder had recovered by the end of the year.-Industrial

Tragic Bravery. In the chapel at Glenalmond school in

Perthshire, Scotland, there is a marble slab with this stirring story recorded upon it. There was once in the school a pupil

named Alexander Cumine Russel who became an officer in the Seventy-fourth Highlanders when only a lad of seventeen. connection with the memorable loss of the Birkenhead he won immortal glory. The troopship struck upon a rock; the ldiers were formed in ranks upon the deck to die; the women and children were being saved in boats.

Russel was ordered into one of the boats to command it, and a little way off he watched with dimmed eyes the doomed ship. When she went down he saw creatures of the deep contending for his beloved comrades. Then he saw a sailor's the fruit. form rise up close to the boat and a hand strive to grasp the side.

A woman in the craft called out in agony: "Save him! Oh, save him, sir! He a line parallel with the row, one foot veranda and past the screen doors leading into their room; a lantern was burning into their room; a lantern was burnis my husband," but there was no room each side of the plant. Allow three vines for another, and the boat was laboring or shoots to remain with each plant, seheavily as it was. Russel looked at the woman and then at her children, then at full day dress, were lying on the floor those beseeching eyes in the deep, and, rising in the stern, he plunged into the water and helped the sailor into what had side was a fourteen foot veranda with of "God bless you" from every one in the

FARM NOTES.

I sat down on the steps at the side to -The germ of seed corn lies in the wait until I was called, and a servant tip of the kernel. Broad, well-filled tips indicate strong germs.

-Never allow the mare to go to her then finding such a nice cool place she foal in an overheated condition. This often causes serious digestive derange-

-It pays to have rich orchard land. that more fruit can be produced.

-An acre of alfalfa will furnish more high-class protein feed than almost any other crop that is grown in the sections where dairying is followed to the best ad--If the farmer is looking for quick re-

centage on the money invested, there are -Milk butter and cheesse are cash products. The dairyman's returns are

steady, the cows paying their board twice a day. This is one of the biggest advan--There is hardly any question but

trees after planting as in the selection

before. The best trees will not stand neglect, while poor trees will respond readily to good treatment. -Give more attention to the little A great idea is very valuable, and those who have one are fortunate, but ideas

-A loamy soil is naturally rich in plant food, hence it will need little if any manuring in its preparation. But it should be deeply stirred and thoroughly broken up by subsoiling. This loamy soil is what is termed free soil, as it seldom becomes compacted, even by abusive

treatment. —Silage is especially beneficial for calves which have just been weaned. They take to this ration quicker than to dry feed and there is usually little loss in weight from the weaning. The silage should be supplemented with some good leguminous hay, as alfalfa, cowpea or clover, and the calves should be given a small amount of grain. A mixture of one-half corn chop and one-half cotton-seed meal is excellent.

-By removing the surplus wood of the young fruit trees in the summer and then stopping the leading branches when they reach the desired length, to induce a strong growth of laterals, it is possible to secure a two-year growth in a single season. One must study carefully the position of the shoots, the future develop-ment of the wood and the philosophy of the operation to succeed with summer pruning and pinching.

-According to Dr. H. J. Wheeler, the most striking, and also the most valuable feature of the alsike clover, for many purposes, is its perennial character, for the plants live from year to year. This fits it especially for pastures or for land which is not to be heavily fertilized with nitrogen, and where one wished to retain clover consecutively for a series of years. For moist soils alsike clover is much superior to the red clover, a point often of material importance in connection with the culture of lands which are imperfectly drained. The seed of alsike clover is considerably smaller than that of the red clovers, and consequently the amount of seed used per acre to insure an equally good stand may be materially

-The tomato requires a rich, warm, sandy loam soil for a good early crop. Any soil that will grow a good crop of potatoes is admirably adapted to a good

crop of tomatoes.
Water, fresh air and sunshine are essentials in plant growth. If the land is richly manured, or too much shaded, plants often fail to either blossom or fruit. If the land is well cultivated and fertilized, about 250 bushels of tomatoes are a fair average for an acre.

In setting out plants it should be re-membered that the largest are not always the best, but those that have the strongest stems. If the plants are healthy when set out, and kept vigorously grow ing by proper cultivation, the occasional application of a little air-slaked lime will be about all that is necessary to secure a large early crop.

Cultivation of the soil should begin

soon after the plants are set out, in order to counteract the effect of the treading and packing of the ground due to the setting, and to aid in warming up the According to results from tests made

by the various State experimental sta-

tions, heavy applications of stable manure, or complete fertilizers, are very desirable. The tomato needs large amounts of both potash and nitrogen. Stable manure being essentially a nitrogenous manure, it should be supplemented with heavy applications of muriate of potash ashes, akinit or like potash fertilizers and a smaller amount of acid phosphate or ground bone to supply phosphoric acid.

Professor Voorhees, of the New Jersey
Agricultural Experiment Station, recommends for soils already in good condition a mixture of 400 pounds nitrate of soda, 700 pounds bone tankage, 400 pounds acid phosphate and 500 pounds muriate of potash, applied at the rate of 500 pounds per acre.

On rich garden soil the plants should be set four to five feet apart each way and six inches deep.

In limited areas it is best to put out

the plants in a row-a row 50 feet in length will grow as much fruit as an or-dinary sized family will consume. The vines should be kept tied up to a support. A good trellis is made by using stout stakes, seven feet high, to which wire is tacked. After the fruit begins to set, all growing shoots beyond the fruit should be pinched off. This will greatly en-courage fruiting. A slight thinning of the foliage will hasten the maturity of

Another good way to support the plants is to use two stakes, six feet long, to each plant. These stakes should be placed on curing them firmly to the support as they increase in length.

The mosses and fungi gather on sickly

plants, and not on thrifty ones. Odious parasites generally choose plants already enfeebled.