A. 18.

Plants and Flowers.

EVERGREENS FOR ORNAMENT.

will: home and home influences tend largely toward making a people what they are and it should therefore be embellished, and therefore be embellished, and made a bower of beauty to its inmates. In no way can this be accomplished so well as by planting ornamental trees and shrubs. In ornamenting home grounds, be they large or small, three things must be taken into considera-The background, the lawn border and the lawn proper.

I know of no better background that would have the desired effect and combine both utility and beauty than one planted with evergreens. On the farm and large suburban lots, plant three

planted with evergreens. On the farm and large suburban lots, plant three rows; first, an outside row of Scotch pine, next of white or Norway spruce and next of white spruce. These three rows will make a complete barrier against storm and wind and at the same time give the desired landscape effect. In planting evergreens on the border they should be grouped but not planted so close as to crowd each other and thus destroy the individuality of the tree, for this is one of the characteristics of the evergreens that must be retained to give the desired effect.

The best trees for this purpose are balsam fir. Douglas spruce and hymleck for grouping. The white pine as a single tree stands without a peer on the pine list, without it is the red pine, which also makes a line tree. All large growing trees, as red and white pine should be planted back in such positions as not to obstruct the vision or the view. The Menzen spruce from the Rocky mountains is a grand tree and must be seen to be appreciated. Its graceful arrangement of branches, together with its heautiful color, makes it a striking object on the lawn. For screens to shut out undesirable views, red cedar and American arbor vitae are the best. In planting in angles or walks and drives where large evergreens are not admissable, plant such lawn and can be utilized in such positions. Trailing yew is desirable to plant near the house and it makes a beautiful bash covered with red bery rice instead of cones.—[M. J. Wrogg.]

For Winter Protection get a dry goods box about the size needed to hold the pots on the window sill. Put hinges on the lid and paper the inside of the box. On cold nights place the plants in pots inside the box, cover and leave them in security. Should the room be extremely cold a small, well-filled lamp may be lighted and left in center of the plants, but there must be an open space for ventilation.—[A. R. Annable, Bradford Co, Pa. the pots on the window slit. Put

All the Rex Begonias require partial shade: all need a rest of several weeks during winter, where they may be set back from the light and watered sparingly till the lengthening days call them to a more vigorous life.—[Mrs E. S. Pope, Me.

The Farm Home should be made attractive and beautiful. It is the farmer's home and should at least demand as much proportionate care as the farm lixelf. If this fact would be realized by more farmers the question of "how to keen the boy on the farm" would not be so portentous. Instead of laboring from mora to night on the farm, if the farmer would spend even a helf hour cach day in planting hedges, trimming nearby trees and setting out flowers near his home, it would become attractive to the boy and the girl—they would take an interest in the work of the parent, and no spot would be so dear to them as the home farm.—[II. T. Galloway.] as much proportionate care as the farm

take an interest in the work of the parsoit, and no spot would be so dear to
them as the home farm.—[II. T. Galloway.

Plantz Don't Thrive sometimes in
the house window, because of the
the house window, because of the
prevalence of duat. We cannot wash
the plants with copious and frequent
showers of water as we do in the
greenhouse, but we can invert them in
a tub of water, if not too large, and the
leaves of large paims can be sponged
with soapy water. To keep insects off
bouse plants is by no means ar easy
as in the greenhouse, where we can fusome much sunshine after they begin to
bloom. Hot sunshine soon spoils
as in the greenhouse, where we can fu-

migate with tobacco or with hydrocyanic acid gas, but a little care in brushing off scale insects from palms, oranges, etc. with a tooth brush, and dusting the plants with dalmatian powder will usually be found satisfactory. When plants are infested with the greet fly or aphis the best remedy is either to dip the inverted plant in a tub of soap suds or to place the plants under an inverted barrel in a shed or out of doors, and fumigate them with tobacco. This is done by chipping up common plug tobacco, as for loading a pipe, drep a live coal upon a cupful of the chips and place it under the barrel with the plants. One fumigation is not always enough, but if repeated daily for two or three days it will prove effectual.—[W. D. Philbrick.

Irrigation for Small Fruits-An inrestigation of the needs and benefits of irrigation for the east has been carried irrigation for the east has been carried on by Prof E. B. Voorhees of N J and has been published by the U S dept of agri. He estimated that the loss to the N J hay crop of '99 caused by the drouth of May and June amounted to \$1.500,000, while small fruits and vegetables were more seriously affected. In tests which were made with irrigation on small fruits, the yields of the irrigated plats over and above those not irrigated were as follows: Rizzkherries, 1028 ats per nero, worth \$2.42-raspheiries, 329 ats per a, worth \$2.90; currants, \$52 ats per a, worth \$2.90; currants, \$52 ats per a, worth \$2.90; currants of putting in a pumping plant capable of irrigating 10 a ranged from 250 to 500. public of 239 to 200.

Wormy Seed-If we treat our peas and beaus with carbon bisulphide, we shall have no trouble in getting them to germinate. Put a little of it in a saucer and set it on top of an open barrel of seed, covering it with a blanket folded three or four thicknesses. ket folded three or four thushes. [F. E. Dawley, Onondaga Co. N Y

Hydrocyanic Gas is coming into use as an extremely effective agent for killing all manner of bugs, weevils, etc. ing all manner of burs, weevils, etc. what infest mills, factories or houses, it will easily clear a house of bedburs and roaches. This has must be used with extreme care and caution, for one inhalation of it will mean almost instant death other to a human being or to an animal of the lower grade. In Raltimore, where hydrocyanic acid gas was used to kill cigaret beetles which had infested a tobacco warehouse, after the doors had been opened at the close of the fumigation process, rats, mice, ilies, and every living thing which had been so unlucky as to be in the building after the doors were closed, were corpses.—[Guy E. Mitchell. were corpses-|Guy E. Mitchell.

Flowers not only give pleasure to the flowers not only give pleasure to the inmates of the home, but to all flower lovers among the many passersby. A home may be richly and expensively furnished, may possess all the latest fads in fancy work, yet sadly lack the true spirit of home. There is no better home beautifier than dowers.— [Mary S. Huff, Bourbon Co. Kan.

Good Window Plants-The windows of most dwelling houses are fairly good for certain plants that are somewhat indifferent to unfavorable condiwhat indifferent to unfavorable condi-tions. Among the best plants for such places are the common rubber tree. Ficus elastica, the Roston form. Neph-rolepis exaltata Rostoniensis, also the various colored Chinese primrose, the Persian cyclamen, many of the hego-nias, the always favorite geranium and the graceful paims.—[W. D. Philbrick,

The air in most of our dwelling is much two dry for the healthy growth of plants. To redeve this condition it is a good plan to syringe the plants often during bright and sunny weather using a corumon rubber bulb with fine sprinkler for this purpose.

Jottings from the Farmers.

SOME HINTS.

[Written for Farm and Home] I now know how to milk my cows, And tend my chickens, grow my flowers.

See my garden, how it's grown; I learned all from Farm and Home.

My beans are all so long and green. And peas, as fine as e'er was seen. My bbage, white as ocean foam. I learned it all from Farm and Home.

My dresses, don't they fit me well! Just how I make then I will tell.
I get patterns (sure to come),
And other things, from Farm and
Home.

My husband says he wouldn't do Without your paper, not for two Of any other kind, Oh! no'm. 'Cause none can equal Farm and Home, Mus W. J. Prinnls.

WINTER PROTECTION.

Unless protected from the cold weather, large numbers of fruit and orna-mental trees, recently consplanted from the nursery, will perish during the winter. If a slight protection is given them, many may be kept alive. the winter. If a slight protection is given them, many may be kept alive, An inexpensive shelter may be made by simply binding a few evergreen boughs around them, even completely covering them. In some instances, where the tree is small, it may be well to drive a stake by the side of the tree and bind both the tree and the boughs to it. This will prevent any damage being done by the wind. Grapevines and raspberry bushes may be laid upon the ground and covered with brush. Currant and gooseberry bushes cannot easily be laid that, but may be protected by staking a pole along the rows, just even with the top of the bushes, and letting one end of the boughs rest upoin the ground and the other against the pole. Nothing makes a neuter banking than evergreen brush; it is also inexpensive and set viceable. A temporary shelter for steek may be erected at a slight cost by building a framework of poles and covering with brush.—[C. O. Ormsbee, Washington Co. Vt.

STOP THE LEAKS!

Recause through them the stock cannot break them Why? profit runs. How are farmers to supply this need? By stopping the leaks of time, manure, waste plots, money, etc.

Muny a farmer loses time: it leaks out and is gone he knows not where. 11 going to the blacksmith to get a shoe going to the blacksmith to get a shoe put on don't spend the whole day around the village; that doesn't pay. Step the leaks of time in every way you can, liave a certain hour to start work and start always at that hour. Quit at 6, and the man who knows when his day's work is done will work with much better will and energy than the man who is allowed to work all aight if he is willing to. Leaks in manure materially change the value of the farm and its preduct. Many valuable loads of fertilizer can be produced from apparently valueless material. Draw a load of sods, much litter or swale grass to rently valueless material. Draw a load of sods, rough litter or swale grass to some convenient spot which drains from the house. On this empty all the slops, secasionally adding a little more litter. Do not allow entite or horses to go one-fourth or one-half a mile to some creek or pond for water and leave on the next what about have been loss.

one-fourth or one-half a mile to some creek or pond for water and leave on the path what should have been left in the barnyard. Have a well at almost any east near the yard and save this leak. Draw forest leaves, awale grass, turf from the swamp, sawdust and every article of a like nature into your barnyard, which by the way should not be on a skiehill, but should be level or hollow, and covered if possible. Many dollars fall to come into the empty nockets of farmers from unverlighted of ground. Straighten your fences and clear up the odd corners. Ston the ever-flowing leak of money. How want you need sell all that you can all a horse for the that you can replace with 76, well it; Jo not be married to a horse. If you have a cow that does not pay for her keep and preduce a profit, her sell her or shoot her; she is heak. Save Je p day, it means \$11 a year; put that in the bank. Then add to it what you spead for unnecessarion, add

to it what you would spend at an auction sale for something you do not want but simply buy because it is cheap, then add to your bank account what you spend at so-called bargain counters. Do not keep money in your pocket that would do somebody good and bring in 6 per cent. Any sum-of money invested at 6 per cent will double itself in 10 yrs; fortunes are not made in a day. Start the bank account no matter how small and add to it whenever and all you can.—[J. H.Burkholder, Hancock Co, Me. A Transportation Fraud-Wheat can be shipped through from Chicago

can be shipped through from Chicago to tidewater at 12c p bu and trainloads of it went past my farm near South Bend, Ind, 83 miles east of Chicago, paying that tariff. At the same time any wheat which I shipped to tidewater cost me 20c p bu. I can cite nundreds of instances where railroads fix their charges, not according to what it costs them for transportation, but according to what they think the articles transported will stand.—[Aaron Jones, St Joseph Co, Ind.

Quick Dehorning-The horn should be cut close enough to clip a little of be cut close enough to clip a little of the hair. Secure the cow's head by using a ring halter. Draw her head close to one side of the stall, have the man with the clippers ready and al-most before the cow knows what is coming, clip off her horn, turn her head and clip off the other. The growth of the horn on the young caif's head may be stopped by using a little caustic potash, but care must be taken not to put on enough to make a large sore. [J. E. Rice, Onondaga Co, N Y.



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