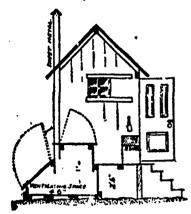
THE RESERVE OF THE PARTY OF THE

Problems in Sanitation. INDOORS AND OUTHOUSES.

The sanitary arrangements about a farm are a matter no person can afford to overlook or neglect. This applies particularly to the outhouse. The farm



A MODAL OUTHOUSE.

home can jur as well have the same neat comfortable closet, bathroom, marble wash slab, medicine closet, etc. as the city house. All that is necessary is to build a good substantial tank in the attic and keep it supplied with water by means of hydraulic ram, windmill, steam or gasoline engine. The weight of the water in the tank will make sufficient pressure so that the kitchen range and hot water tank can be kept filled and hot and cold water also provided for bath tub and set bowl. Cold water connection can also be made for flushing the seat. The maste can be let out in cisterm, reservoir, on the land, in the barn manure heap, in streams, etc.

Where arrangements as described above cannot be put in, the following plan of a dry 2arth or ash closet is recommended for general use by the Ontario board of health. Before the city, sawer pines were laid, some 1300 of these outhouses were in use at Brantford, Ont. Movable drawers, boxes or pails are recommended where winters are prolonged, as a little moisture freezing in winter makes their reinoval or emptying difficult. As illustrated, the box is fixed and can generally be arranged so as to be emptied with a shovel by a door or lid in the ground, where no slops are thrown in will not become offensive if good ventilation is provided and a little dry earth, coal ashes or sawdust thrown in at each use, or even once daily. The louse, as illustrated, is raised 2½ ft from the ground in front, while the duct space is 4 ft high and 4½ wide. The cover to the seat and outside the duct are hinged. The window in the center of each side should be made to push open. A sheet metal ventilator should extend from the duct, below the seat above the roof and be capped over the top.

Glass for Street Payement—During

Glass for Street Pavement—During the latter part c* '98 a street paving company in Lyons, France, paved one of the streets with ceramic or devitri-fied glass. Up to date it has stood as fied glass. Up to date it has stood as hard usage as any other pavement and is still in an admirable state of preservation. This glass pavement is laid in blocks eight inches square, each block containing 16 parts in the form of checkers. These blocks are closely fitted together so that water cannot pass between them and the whole pavement looks like a large checker board. Like all thoroughfares in France the roadbed slopes gently to the sidewalks. Some of the edges of the checkers are broken off, but the damage is not at all serious and any kind of stone would have suffered just as much. The advantages of this pavement are that it has a greater resistance than stone, is a poor conducrnis pavement are that it has a greater resistance than stone, is a poor conductor of heat, ice will not form on it readily, dirt will not accumulate as easily as upon stone, it will not retain microbes, is just as cheap as stone and more durable.

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Plants and Flowers.

A THRIFTY WINTER GROWER.

The oxalis is the most useful, allround window plant in cultivation, being so hardy it requires but a short rest

round window plant in cultivation, being so hardy it requires but a short rest and its bright green, clover-like follage is seldom injured by sudden changes of temperature. If purtially frozen, a dash of cold water will restore its beauty. The mammoth oxalls has showy folinge, but not the hardy qualities of the smaller varieties and has less profusion of bloom. The beautiful, delicate, star-shaped flowers surprise the daily.

They delight in sunshine and turn toward it, and for this reason are frequently used as a window hanging plant. The droopin; stems are graceful on a small stand, as a sitting root ornament. The pink blossem is more common, the pure white and yellow being rare. For soil, chip dirt fertilized with common liquid manure or rich garden soil, is adentable, the tub of being planted 1 in below the surface Give frequent showerings.—[Mrs C. F. Underwood.

GERANIUMS FOR WINTER.

One great trouble with most people is they give their geraniums too much root room. I often grow them in the same pot for 5 yrs by this method of pruning tops and roots each summer. After repotting, the plants are given plenty of water every day, the buds being removed until the last of Sept, at which time the plants usually have to be removed to the house. Rapid growth starts in at once after repotting, and the pots should be turned often to keep the plants in good shape. No leggy, usgainly-appearing geraniums will be seen if this plan is followed, unless one prefers that kind. Such a profusion of flowers as one gets from such plants is seldom seen outside of a greenhouse. The plants will last for years, there being no limit to their age of usefulness, as the tops and roots both being renewed each year makes them almost like new plants. When the main stalk beings to look old and rough it can be cut back whenever a strong new shoot appears near the bottom of the plant, and the new branch be trained into proper shape.—[Lena A. Holmes, Schoharie Co, N Y. After repotting, the plants are given

Ants in a Greenhouse may be baited by place of fresh bones at the places in-fested. When covered with the pests, burn the bones.

For Covering Hollyhocks, place a nail keg with both ends knocked out over a plant and fill in about it with leaves. Then put something over the top to keep out the rain. When snow comes, bunk up well about the keg. A close, heavy covering is a most sure death to them.

For Wint.ring Pansics, an ideal covering consists of leaves scattered loosely among the rawith large branches of everyreers laid over them, which keep the leaves in place.

The Finest Yellow Dahlia I have seen this fall is Clifford W. Bruton. It is one of the finest yellow decorative is one of the finest yellow decorative cactus dahlias ever produced. It is a very strong, sturdy grower and an extremely profuse bloomer for so large a flower. Flowers are sometimes 5 to 6 in ln diameter and perfectly full to the center. Color is solid, pure yellow of the clearest and richest shade. Flowers are borne on long, graceful stems and are invalue de for cutting or exhibiting purposes.— F. H. P.

The Common White Petunin will bloor profusely in a shaded window if given a rich soil, kept moist and given a bath occasionally to keep the foliage clean. When the branches are exhausted by producing so many flowers, cut them back and in a little while the new branches will be a mass of bloom.

More honey is consumed during the brood rearing in spring than in the winter: 5 or 10 lbs will carry through winter until spring.

Temperature has much to do with the amount of honey consumed as well as

their vitality.

At is easier to start right than to get right after having been wrong.

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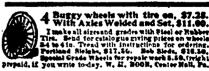
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