

ter in hand. We will suppose that the vines received from the nurseryman have been properly planted in suitable soil, and are ready to start into growth. The first thing that will require attention as the buds begin to start will be to make selection of that one which promises to make a vigorous growth, giving the preference, if there be several, to the one nearest the ground. Rub off all the rest and allow only this one to grow. A small stake, say a strip of lath, should be thrust into the ground at each vine, and the growing cane carefully tied to it as it advances. This will be the



FIG. 1.—Vine at the close of the first season.

pruning and training for the first summer. At the close of this season the grape vine will have the appearance shewn in Fig. 1.

After the leaves have fallen in the autumn untie the cane from its support, lay it upon the ground and cover it lightly with earth. Or you may cut it back to two good, plump buds, and cover the stump with a little mound of earth.

#### SECOND SEASON.

In the spring, if the cane was not cut back in the previous autumn, it should be cut back, leaving only two good buds near the ground. From these buds train up two shoots, tying them to the stake as they grow, pre-

cisely as during the first summer, only that you have two canes now instead of one, rubbing off all other buds that may start into growth.

During this season you will make preparations for putting up your trellis; a post at each end of the row of grape vines, posts between at least two feet in the ground and five feet above, and set from sixteen to eighteen feet apart. Three wires will be sufficient, the lowest at eighteen inches from the ground, the others eighteen inches apart, thus bringing the upper wire about four and a half feet from the ground. Number

twelve annealed galvanized wire will be found to be strong enough. The end posts should be well braced on the side towards the vines so that they will not be pulled over by the wires. The wires should be fastened tight at each post by staples driven tightly over them into the wood. Instead of wires you can use strips of wood if more convenient. Mr. Fuller, of your place, recommends a slanting trellis instead of an upright, as



FIG. 2.—Vine at the end of the second season.

in your climate; and his plan is very