

seen in some vineries the danger of not being covered well. I once tried three vines, one in each house, wrapped up in old soldiers' blankets. In the spring I thought all was well, but they died down to the ground, and the shoots that grew up never did well. The having to lay down the vines in this country is the worst thing about grape-growing; they are so liable to break when old. I always kept a shoot or two growing from the bottom of some of the vines, and did not cut it down until they were all laid down; if there was a break, had it ready to replace; never had a blank, as I carried the shoot sometimes along in the ground to where it was wanted, past two or three rafters; never tied up a shoot to the rafter it grew at, as it would be more liable to break when laying down. We put fire to the first vinery the beginning of March, second vinery about the first of April. In the cold vinery I had a flue put in to fire in the fall, to keep the grapes after the frost came, and I must say so long as there was a little fire in the fall I had the best grapes in it—the wood was so well ripened, and the color of the grapes was so fine. After uncovering the vines I turned the dung a time or two to make it heat, and made it up in a hot-bed the whole length of the house; I did the same with the three houses in succession. This helped to heat the house, break the buds, and held a great number of flower pots. The vines being left lying horizontally, every bud will break and the lower part of the rafter will be as well furnished as the highest. It requires two persons to tie them up when the buds are all started. When the vines are lying down, syringe them several times a day, and after they are tied up, until they are nearly in flower. That was all the syringing I ever gave them, unless once when the fruit was all formed, to wash off the flowers and loose fruit. I began very soon to disbud all shoots not required, stopped every fruit-bearing shoot at the second joint above the bunch; never left more than one bunch on a shoot; removed all the fruit not required as soon as I saw what to leave for a crop; stopped the laterals at the first joint, and every time they grew at the next joint, until the fruit was beginning to color; then cut the