

They are especially tough but unfortunately are rather slow to cover the ground. *Osterdamia tenuifolia* would be especially desirable for this purpose were it not for the fact that it grows very slowly. It forms a tough turf and is so dwarfed in its habit of growth that it seldom, if ever, requires cutting.

It has been shown that it is possible to start turf grasses on the Norfolk sand without manure or compost, depending on subsequent watering and fertilizer treatment to produce good turf. It is true that compost applied to the soil speeds up the early growth of the grass, but after a few months have elapsed little difference is apparent.

The value of frequent and liberal applications of fertilizer on porous soils that leach rapidly has been amply demonstrated. It also appears advisable to continue applications throughout the year at intervals of two weeks. By doing this last winter, which was about as cold as normal, the Bermuda grass was maintained in a green condition throughout the winter. After the cold spells the grass sometimes was brown for a few days, but the frequent fertilizer applications stimulated new growth and the clippings every other day soon disposed of the leaves that had been brown by the frost.

So far there has been no apparent difference from the use of ammonium sulfate, nitrate of soda, or ammonium phosphate. The ammonium sulfate is equal to any, but seemingly no better. However, more time will be required to change the acid reaction of the soil sufficiently to show any appreciable effect on the grass.

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