

Sudies on alleviation of iron chlorosis in chinese leek by means of changing soil environments¹

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summary

Six treatments i.e., drip-watering (DW), DW and ferrous sulfate 200kg/ha, DW with ferrous sulfate 200kg/ha and compost 20,000kg/ha, DW and sulfur powder 1,500kg/ha, sulfur powder 1,500kg/ha, and control (CK) were included in the experiment. The results indicated that application of 1,500kg/ha sulfur powder 3 weeks before planting had the best effect on total yield (57,810kg/ha) from 10 harvestings which showed higher than the check by 18.6%, and the chlorosis was alleviated.

(Key words: Soil environment, Chinese leek, Iron chlorosis)

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