

AMMONIUM AND CALCIUM FOR CUCUMBERS GROWN IN ROCKWOOL

Y. Ruyzenaars and C. Sonneveld

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Cucumbers were grown in rockwool at 2 Ca levels and 3 NH_4 levels in the nutrient solution. A low calcium supply without ammonium addition caused severe chlorosis symptoms in the leaves which resembled iron deficiency symptoms. A calcium supply in the nutrient solution for cu-

cumbers of 35% of the cations and an ammonium supply of 10% of the nitrogen seemed to be the optimum concentrations. A somewhat higher ammonium supply, however, did not reduce yield. If necessary for control of the pH, ammonium addition up to 15% of the nitrogen is acceptable.