

CONTENTS

ABSTRACT	4
1. INTRODUCTION	4
2. MATERIALS AND METHODS	6
2.1. Trace metal solubility - a nutrient solution study	6
2.2. Plant growth experiments	7
2.2.1. Strategy I plants - Experiment 1	7
2.2.2. Strategy II plants - Experiment 2	8
3. RESULTS AND DISCUSSION	9
3.1. Solubility of the microelements in the nutrient solution	9
3.2. Melon plant growth (strategy I plants) - Experiment 1	10
3.3. Ryegrass plant growth (strategy II plants) - Experiment 2	11
4. SUMMARY AND CONCLUSIONS	12
5. ACKNOWLEDGEMENTS	13
6. REFERENCES	13

Keywords: Humic substances, Humic acid, Fulvic acid, Growth stimulation, Micronutrients, EDTA.