

The invention relates to agriculture, in particular to a process for growing plants, in particular maize and soya, and can be used to increase plant resistance to water and temperature stress and productivity.

The process, according to the invention, comprises soaking the seeds before sowing for 2 hours and treating the plants during vegetative growth with an aqueous solution containing thiourea,  $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ ,  $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ , potassium salicylate,  $[\text{Co}(\text{DmgH})_2(\text{SeUree})_2]\text{BF}_4 \cdot 2\text{H}_2\text{O}$ ,  $[\text{Fe}_3\text{O}(\text{CH}_3\text{COO})_6(\text{H}_2\text{O})_3]\text{NO}_3 \cdot 3\text{H}_2\text{O}$ ,  $\text{Mn}(\text{CH}_3\text{COO})_2 \cdot 4\text{H}_2\text{O}$ ,  $[\text{Co}(\text{DmgH})_2(\text{Nia})_2]\text{BF}_4 \cdot 2\text{H}_2\text{O}$ ,  $\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ ,  $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ ,  $(\text{HOC}_6\text{H}_4\text{COO})_2\text{Cu} \cdot 4\text{H}_2\text{O}$ , while the plants are treated 2 times with a consumption of 200...250 L/ha.

The result of the invention consists in increasing plant tolerance to dehydration, cold and heat and productivity.

Claims: 1