

Soil Properties and Fertility Management on Different Roots Media. (S06-alekperov132327-Poster)

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Abstract:

For practical fertilization policy one needs to know the upper and lower limits of a given nutrient within a solution. Another objective of many experiments has been the determination of the optimal ratio between the different ions. Precision agriculture depend from too many factors, mainly: agriculture systems and farming, soil property and quality, water and methods of fertility inputs. All this impact to quality of the crops. Experiment carried out in greenhouse on lettuce, tomato, bell pepper crops. Daily application water by trickle fertigation is water plus nutrient, and measurement plant nutrition balance NPK had shown the best result. We found out function between plant age and nutrition quantity on lettuce crop quality. This point important for the all environmental regions. Another method of nutrition found out on tomato and pepper crops grown on sandy soils mixed with guano.

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