Evaluation of alfalfa (Medicago sativa) lines to salinity tolerance

Medicago sativa), hence, a new perspective was needed to explore the potential of these species for use in areas with saline soils. The study was conducted to evaluate the performance of different alfalfa lines under saline conditions. A total of 30 lines were evaluated in a randomized complete block design with four replications. The results showed that some lines had higher tolerance to salinity than others. The lines with the highest tolerance were Medicago sativa L. cv. Montpellier and Medicago sativa L. cv. Lemoine. These lines could be potential candidates for saline areas. Further study is needed to understand the underlying mechanisms of salinity tolerance in these lines.

References:


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