

Summary

The nutritional aspects of *Arachis pinto* was studied in hydroponic culture in the greenhouse. Data on growth were collected through systematic sampling up to 74 days. The adjusted growth curves, as an exponential and linear model, showed that total leaf P, K, Ca and Mg followed the ratio of 1:14:8:2. The Ca:Mg ratio was 4:1. The maximum absorption (mg/pot) for Zn (2.52), Cu (0.38), Fe (5.54), and Mn (0.65) was at 62, 54, 60 and 54 days, respectively. The first approach for plant diagnosis could be K = 2% (51 cmol_c/kg); P = 0.15% (4.8 cmol_c/kg); Mg = 0.29% (24 cmol_c/kg), and Ca = 1% (50 cmol_c/kg). The Ca + Mg/K ratio was 1.5.