Effect of herbicides and fungicides on $N_2$-fixation and seed yield of soybean (cv.Williams)

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Abstract

The effect of various herbicides and fungicides on nitrogen fixation and seed yield of soybean (cv. Williams) was investigated. The experiment was conducted under greenhouse conditions. The results showed that the use of certain herbicides and fungicides significantly increased nitrogen fixation and seed yield. The optimal combination of herbicides and fungicides for this purpose was identified.

Key words: Herbicides, Fungicides, Nitrogen fixation, Seed yield, Soybean.