

EFFECT OF SOME NEEM DERIVATIVES ON NITRIFICATION IN SOIL AND SOIL MICROBES

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ABSTRACT

Soil supplemented with neem cake (n-hexane extracted from neem seed kernal) at the rate of 1% and 5% (w/w) produced two & four times higher ammonia nitrogen than unsupplemented soil respectively after 10 days of application. However, nitrogen release was delayed if the soil was supplemented with the ground neem cake. Neem oil did not help in the production of additional nitrogen.

Key Words:- Neem, Azadirachta indica Nitrogen, Soil Microbes.