

ECO-PHYSIOLOGICAL EFFECTS OF DAIRY EFFLUENT ON SEED GERMINATION AND SEEDLING GROWTH OF *BRASSICA JUNCEA* (L.) CZERN. & COSS.

Gulfam Ali and M.K. Abdulla

Environmental Science Lab., Department of Botany, Kisan (P.G.) College, Simbhaoli-245207
(Panchsheel Nagar), U.P., INDIA
E-mail: gulfamali2010@gmail.com, dr.mkabdulla@gmail.com

Abstract: Samples of dairy effluent were collected from Parag Milk Plant, Meerut. The different concentrations (25, 50 and 100%) of treated and untreated effluent were used in this experiment. Tap water served as control. Effects of dairy effluent were studied on *Brassica juncea* L., which is grown as oil crop in India. It was observed that 25% conc. of dairy effluent increased the germination percentage, seedling growth, dry weight of root and shoot, chlorophyll content and seed yield as compared to control.

Keywords: *Brassica juncea*, dairy effluent, germination, Meerut, pH, seedling growth

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