

RESEARCH ARTICLE

Effect of soil irrigation with paper mill effluent on vegetative growth and biochemical content in plant parts of *Brassica campestris* cvT-59

■ SANJEEV KUMAR AND PRATIKSHA MAHESHWARI

SUMMARY

Brassica campestris cv T-59 was grown in soil irrigated with different diluted doses of paper mill effluent, two months crop exhibited a decline in vegetative growth and yield in terms of length of root, shoot, number of leaves, leaf area, number of flower and pod and grain, while, total carbohydrate, nitrogen content in plant parts was increased and total protein level was variably influenced *i.e.*, decline at 100 per cent an increase at 10 per cent. Level of chlorophyll in leaf was also increased at 10 per cent dose.

Key Words : Paper mill effluent, *Brassica campestris*, Growth, Yield, Chlorophyll, Protein, Sugars, Nitrogen

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

SANJEEV KUMAR, Department of Botany, D.A.V. (P.G.) College, MUZAFFARNAGAR (U.P.) INDIA

Address of the Co-authors:

PRATIKSHA MAHESHWARI, Department of Botany, D.A.V. (P.G.) College, MUZAFFARNAGAR (U.P.) INDIA