Research Communication

Sci. and Cult. 90 (5-6): 228-234 (2024)

ALLELOPATHY OF *PLANTAGO OVATA* ON THE SAME AND DIFFERENT PLANTS

SRIJITA GANGULY, SAPTAPARNA DUTTA AND SARMISTHA RAYCHAUDHURI

Allelopathy is an ecological plant communication in response to biotic and abiotic conditions. Plantago ovata is rich in polyphenols and it is interesting to know how a medicinally important plant can affect its own and different species in their growth and yield. This new investigation is to study the impact of Plantago ovata, on the same and a different plant species Vigna radiata, in morphological characters, biochemical contents, and antioxidant potentials whose soil types, seasons and overall habitat are different.