CHARACTERIZATION OF FLY ASH COLLECTED FROM NATIONAL THERMAL POWER PLANT

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Abstract: In this study fly ash collected from the National Thermal Power Corporation (NTPC) Sipat, Bilaspur (C.G.) was characterized for its physical and chemical properties. The fly ash is slightly alkaline in reaction and very low organic carbon content. The presence of various heavy metals elements was in the order of Cr > Pb > Co > Ni. The DTPA extractable micronutrients were in the order of Fe > Mn > Zn > Cu where as total N, P, K show the trend as N > K > P. Fly ash used for enhanced crop production depending upon the nature of soil and fly ash.

Keywords: Fly ash, FYM, Macro, Micronutrients

REFERENCES


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