

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:967
ANSWERED ON:08.12.2003
RESEARCH ON HEAVY METAL CONTENT IN PLANT SAMPLES
MOINUL HASSAN AHAMED

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether attention of the Government has been drawn to the research conducted in 2001 on heavy metal content in plant samples of sewage irrigated area of coimbatore district, Tamil Nadu;
- (b) if so, the findings thereof; and
- (c) the reaction of the Government thereto?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

- (a) Yes, Sir.
- (b) Experiments on various crops viz. Molakeerai, Palak, Fenugreek and Arakeerai have revealed accumulation of heavy metals namely chromium, cadmium, nickel and lead in plant parts due to sewage water irrigation.
- (c) The details on extent of contamination, methodology adopted for the study and effect of treatment, if any, have been solicited from TNAU, Coimbatore to have better appraisal of the problem.