

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:6434
ANSWERED ON:15.05.2012
WEED CONTROL
Singh Shri Rakesh

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Government has achieved success in weed control in the country;
- (b) if so, the details thereof;
- (c) whether the Directorate of Weed Science Research, Jabalpur has carried out any research in this regard;
- (d) if so, the details thereof;
- (e) whether the Government is aware that marginal farmers have no access to it and they adopt conventional means for weed control; and
- (f) if so, the steps taken by the Government to provide its technique and information to farmers from time to time?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE, FOOD PROCESSING INDUSTRIES AND PARLIAMENTARY AFFAIRS (SHRI HARISH RAWAT)

(a) & (b): Weed control technologies such as herbicidal techniques, growing competitive crop cultivars, cultural techniques, and biocontrol have been developed by the Directorate of Weed Science Research, Jabalpur and are being regularly demonstrated for farmers' benefits. Based on these, it has been demonstrated that about 10 q/ha increase in wheat yield is achieved by adopting weed control technologies as compared to traditional practices. At the same time, a combination of herbicide with biocontrol completely eradicates Parthenium in terrestrial environment and water hyacinth in aquatic systems.

(c) & (d): DWSR and its 22 Coordinating centres have carried out extensive research and developed technologies for weed management in field crops, aquatic bodies and also for non-cropped situations using chemical, non-chemical and biological approaches. These activities have been summarized in the form of publications viz., Herbicide use in field crops, Shagnasiyo Dwara Kharpatwar Prabandhan, pamphlets for weed management technologies in different crops, Weed Atlas, and District-wise distribution of major weeds in India.

(e) & (f): Having known the intensity of the issue and need, Indian Council of Agricultural Research (ICAR) established DWSR as the nodal Institute for R&D in weed research per se. As part of the outreach activity, transfer of research information in the form of frontline demonstration, on-farm training, radio/TV talk, kisan mela/ kisan gosthi and subject matter specialists and other stakeholders are being regularly conducted by Institute. Further, all such information are being regularly uploaded and updated on the Institute website (www.nrcws.org).