

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:314

ANSWERED ON:02.08.2011

MULTI CROPPING

Panda Shri Baijayant;Pradhan Shri Nityananda

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether agriculture scientists have devised a multi-cropping technique for coastal States including Orissa;
- (b) if so, the details thereof;
- (c) whether any feasibility study has been conducted in this regard;
- (d) if so, the details thereof;
- (e) whether the said technique is proposed to be experimented/extended to other parts of the country; and
- (f) if so, the details thereof?

Answer

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

(a) & (b): The Directorate of Water Management, Bhubaneswar under the aegis of Indian Council of Agricultural Research (ICAR) has devised multi-cropping technique called as 'pond based farming system' to stabilize and enhance the productivity of coastal deep waterlogged areas of Orissa. The technique includes deep water rice in kharif and salt tolerant vegetables like watermelon, ladies finger, spinach, chillies as on-dyke vegetables and aquaculture in pond.

(c) & (d): Feasibility studies have been conducted in Alisha and Chaurali villages of Satyabadi block and Talajanga village in Sadar block of district Puri in Orissa. These studies indicated an increase in cropping intensity up to 200% and net return up to Rs.35000/hectare.

(e) & (f): The technique is being adopted under similar conditions through the cooperating centres of All India Coordinated Research Project (AICRP) on Water Management. Presently centres located at Chiplima (Orissa), Kalyanai (West Bengal) and Chalaikudi (Kerala) are doing adaptive research.