

production units under NPOF during the last three years is as under:-

Year	Amount sanctioned/released (in Rs. Lakh)
2009-10	84.034
2010-11	7220
2011-12	43.30

Average landholding in the country

2499. DR. GYAN PRAKASH PILANIA: Will the Minister of AGRICULTURE be pleased to state:

- (a) whether average landholding of a farmer family is 1.23 hectare and 64.77 per cent of farmers hold less than 1 hectare (2.4711 acre);
- (b) whether land gets further fragmented with each division in the family;
- (c) if so, whether such holdings are economically viable;
- (d) if so, the solution for such impasse;
- (e) whether India lags behind other nations in spending in Research and Development (R&D) in Agriculture as well as per hectare production; and
- (f) if so, the statistics thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HARISH RAWAT): (a) and (b) As per the latest Agriculture Census 2005-06, the average size of operational holdings in the country was 1.23 hectare and marginal operational holdings (operated area below 1.0 hectare) constituted 64.77 percent of total holdings in the country. The average size of operational holdings has been decreasing during various Agriculture Censuses conducted in the country since, 1970-71.

(c) and (d) The Government has taken several measures to make small/marginal land holdings viable, which include promotion of modern technologies and practices like multiple cropping, intercropping and integrated farming systems. Besides, Government provides assistance to farmers, including small and marginal farmers, under various schemes such as National Horticulture Mission (NHM), Macro Management of Agriculture (MMA), Micro Irrigation, Rashtriya Krishi Vikas Yojana (RKVY) etc.

(e) and (f) As per the information supplied by Indian Council of Agricultural Research (ICAR), a Statement giving per-capita Public Sector Research and Development (R&D) expenditure in Agriculture for the year 2003 for various countries is given in Statement I (*See* below).

A statement giving per hectare production for some important crops, for major producing countries during the year 2009 is given in Statement II.

Statement

*Country-wise comparative statement of Public Sector
per-capita R&D expenditure in Agriculture*

Sl. No.	Country	Public sector per-capita R&D expenditure in Agriculture (2003 Purchasing Power Parity U.S. Dollar)
1.	Indonesia	0.9
2.	Pakistan	1.2
3.	India	1.3
4.	China	2.2
5.	Sri Lanka	2.6
6.	Mexico	4.4
7.	South Africa	5.5
8.	Brazil	6.7

Source: Data furnished by Indian Council of Agricultural Research (ICAR).

Statement II

Per hectare production for some important crops during the year 2009

Sl. No.	Crop	Country	Per hectare Production (In tonnes)
1.	Paddy	India	3.19
		China	6.58
		Indonesia	5.00
		Bangladesh	4.20
		Vietnam	5.23
		World	4.33
2.	Wheat	India	2.91
		China	4.74
		Russian Federation	2.32
		U.S.A.	2.99
		France	7.45
		World	3.04

3. Maize	India	2.00
	U.S.A.	10.34
	China	5.26
	Brazil	3.71
	Mexico	3.24
	World	5.16
4. Sugarcane	India	64.49
	Brazil	78.85
	China	68.08
	Thailand	71.66
	Pakistan	48.62
	World	69.87
5. Groundnut (in shell)	India	1.01
	China	3.36
	Nigeria	1.13
	U.S.A.	3.82
	Myanmar	1.62
	World	1.52

Source: FAO, Regional Office for Asia and the Pacific, Bangkok.

Status of Ban on Endosulfan

2500. SHRI PRAKASH JAVADEKAR: Will the Minister of AGRICULTURE be pleased to state:

- (a) the status of bank on Endosulfan;
- (b) whether Government has completed studies of impact of Endosulfan;
- (c) if so, the details thereof and;
- (d) whether Government has submitted the new evidences and evidences and findings before the Court?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HARISH RAWAT): (a) to (d) Supreme Court of India in writ petition (civil) No. 213 of 2011 filed by Democratic Youth of India vs. Union Government has passed an ad-interim order on 13.5.2011 banning production, sale and use of Endosulfan in the country till further orders and appointed a Joint Committee headed by the Director General of Indian Council of Medical Research and the Agriculture Commissioner to conduct a scientific study on the question whether the use of Endosulfan would