

National Commission on Agriculture, 1990 recommendations or roughly 84% of the total have been accepted and 25 recommendations or 1.1% have not been accepted by the Government. The remaining recommendations are under consideration.

(b) Of the recommendations accepted, 1814 recommendations have been implemented or are being acted upon by the Central as well as the State Governments. These relate to various aspects of agriculture covering crops, animal husbandry, fisheries and forestry as well as infrastructure, marketing and services.

New Varieties of Wheat

2522. SHRI B.V. DESAI: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that wheat scientists have identified 8 new varieties of wheat for different agro-climatic conditions for extensive field tests and seed multiplications during the coming Rabi season;

(b) if so, the details of the same;

(c) whether these varieties were introduced during Rabi season of 1980-81 and the tests made were successful;

(d) if so, whether Government are now considering to introduce them in other States also; and

(e) if so, whether under the scheme the wheat production will be introduced in other States also where such production was not possible so far?

THE STATE MINISTER IN THE MINISTRY OF AGRICULTURE AND RURAL RECONSTRUCTION: (SHRI R. V. SWAMINATHAN): (a) Yes, Sir.

(b) Based on the results of the tests conducted under the All India Coordinated Wheat Improvement Project during past few years including rabi 1980-81, wheat Scientists have identified 8 new varieties in the 20th All India Wheat Workers' Workshop held at Pune in August, 1981. These have been identified for the areas and conditions indicated below:

<i>Variety</i>	<i>Area</i>	<i>Production Conditions</i>
HD-2285	Northern Plains Zone Punjab, Plains of Jammu, Delhi, Western U. P., Eastern Haryana (Kurukshetra Ambala, Karnal and Sonapat districts) Alwar, Bharatpur and Sriganganagar districts of Rajasthan and Gwalior, Bhind & Morena districts of M. P.	Late sown, good fertility, irrigated conditions
WL-2265	do	Timely sown, low fertility, rainfed conditions
DL-153-2	do	do
WH-291	North Western Plains Zone Entire Rajasthan (except the district of Alwar, Bharatpur & Sriganganagar and Kota and Udaipur Divisions),	Late sown, good fertility, irrigated conditions.

<i>Variety</i>	<i>Area</i>	<i>Production Conditions</i>
	western districts of Haryana, other than those mentioned in northern plains zone, Gujarat (except the districts of Baroda, Broach, Kaira, Panchmahal, Surat and Bulsar and Kathiawar regions)	
HDW-55	North Eastern Plains Zone Eastern UP (area lying east of the line connecting Etah and Nainital) and whole of Bihar except Chhotanagpur area.	Timely sown, irrigated, high fertility conditions.
HD-2278	Peninsular Zone Maharashtra, Karnataka, Goa, Western Andhra Pradesh (Rayalaseema and Talangana areas) plains of Tamil Nadu.	Timely sown, irrigated high fertility conditions.
DWR-39	do	do
HW-741	Southern Hills Zone Hilly areas of Tamil Nadu and Kerala.	Irrigated, high fertility and rainfed, low fertility conditions.

(c) During *rabi* 1980-81 the new varieties completed their 3-4 years of testing by the Scientists. Based on the results obtained these varieties were identified as superior and recommended for seed multiplication and adaptive tests in 1981-82 *rabi*.

(d) These are being tested extensively in districts adaptive trials in the states for which these have been found suitable for cultivation.

(e) Attempts made in the past to introduce wheat cultivation in "non-traditional" wheat states were highly successful. These attempts will continue in the future also, with new and latest varieties.

Three Crop Cultivation Patterns

2523. SHRI B.V. DESAI : Will the Minister of AGRICULTURE be pleased to state ;

(a) whether Indian Agricultural Research Institute has successfully demonstrated on farmers fields the efficacy of three crop cultivation patterns ; and

(b) if so, the details of the same and to what extent it will be helpful to the farmers ?

THE STATE MINISTER IN THE MINISTRY OF AGRICULTURE AND RURAL RECONSTRUCTION (SHRI R.V. SWAMINATHAN) : (a) Yes, Sir, With the development of Photo-insensitive varieties of *mung* and short duration varieties of *arhar* by the scientists of the Indian Agricultural Research Institute and other centres of the All India Coordinated Research Project on Pluses, it has become feasible to follow a rotation of (*mung* + *arhar*)—wheat or Arhar-Wheat-Mung rotation in the north-western plains.