

teau region of Andhra Pradesh suffers from low productivity due to high acidity in the soil, and

(b) if so, the ameliorative measures taken or proposed to be taken to check the acidity in the soil in Andhra Pradesh to boost agricultural production?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE: (SHRI YOGENDRA MAKWANA): (a) and (b). It is not correct that on account of high acidity in the soil, more than 10 lakh hectares of land in plateau region of Andhra Pradesh suffers from low productivity. However, distribution of acid soil in Andhra Pradesh is restricted to small areas in the parts of Srikakulam, Vishakhapatnam, East Godavari, Vijayanagar, Medak and Nellore Districts. For such acid soils, liming followed by addition of organic manures are recommended as ameliorative measures for enhancing crop production.

Area Brought Under Cultivation of Anti-Germs Varieties of Wheat

8895. SHRI V. TULSIRAM: Will the Minister of AGRICULTURE be pleased to state:

(a) the details of anti-germs varieties of wheat released by the Directorate of Wheat Research during the last three years;

(b) the area brought under cultivation of these varieties of wheat, State-wise;

(c) the area brought under cultivation in

Andhra Pradesh under the anti-germs varieties of wheat as on 31 December, 1986; and

(d) whether Government propose to extend full financial assistance to agricultural scientists in the country to invent better quality of anti-germs wheat varieties?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE: (SHRI YOGENDRA MAKWANA): (a) Presuming that the Hon'ble Member means that the antigerm varieties of wheat are nothing but disease resistant varieties, it may be stated that during the last three years as many as 20 varieties of bread wheat and 2 varieties of durum wheat have been developed as given in the Statement-I below.

(b) The State-wise spread of high yielding varieties of wheat in the country is given in the Statement-II below.

(c) Two varieties of wheat, namely Pragati and HD 2278 which are resistant to rusts have been recommended for Peninsular India, including Andhra Pradesh. By virtue of resistance to diseases, these varieties have started replacing traditional disease susceptible varieties.

(d) Yes, Sir. Indian Council of Agricultural Research is financing research on wheat through All India Coordinated Wheat Improvement Project with 30 Centres with an allocation of Rs. 225 lakhs for VII Plan, in addition to Directorate of Wheat Research.

STATEMENT-I*List Of Varieties Of Wheat Resistant To Diseases Developed During Last Three years (1984-86)*

S. No.	Variety	Recommended for		Disease to which resistant
		Zone	Production conditions	
1	2	3	4	
(A) Bread Wheat				
1.	WL-2265	Northern Plains Zone	Timely sown, low fertility & rainfed.	Rusts
2.	WH 291	North Western Plains Zone	Late sown, good fertility & irrigated	Rusts
3.	Kudan (DL 153-2)	Northern Plains Zone	Timely sown, low fertility & rainfed.	Rust
4.	Pragati (DWR-39)	Peninsular Zone	Timely sown, good fertility & irrigated.	Rusts
5.	HW-741	Southern Hills Zone	Timely sown, low to good fertility rainfed to irrigated.	Rusts
6.	HW-2329	Northern Plains Zone	Timely sown, good fertility & irrigated.	Rusts
7.	WH-283	North Western Plain Zone	Timely sown, good fertility & irrigated.	Rusts
8.	HD-2307	North Eastern Plain Zone	Irrigated and good fertility, late sown.	Rusts
9.	Raj 1972	North Western Plain Zone	Timely sown, good fertility & irrigated.	Rusts
10.	HD 2327	Central Zone	Late sown, good fertility & irrigated.	Rusts
11.	CPAN-1796	Northern Hills Zone	Timely sown, low to good fertility rainfed and irrigated.	Rusts
12.	Raj-2184	North Western Plains Zone	Late sown, good fertility & irrigated.	Rusts
13.	HUW-206	North Eastern Plains Zone	Timely sown, good fertility,	Rusts
14.	HUW-213	—do—	Late sown, good fertility & irrigated.	Rusts

1	2	3	4	5
15.	K-8020	North Eastern Plains Zone	Late sown, good fertility & irrigated.	Rusts
16.	HUW-234	—do—	—do—	Rusts
17.	J-405	Central Zone	—do—	Rusts
18.	VW-120	North Western Plains Zone	—do—	Rusts
19.	VL-616	Northern Hills Zone	Early sowing, low fertility rainfed.	Rust
20.	HD 2278	Peninsular Zone	Timely sown, good fertility irrigated.	Rusts and leaf Blotch
(B) <i>DURUM WHEAT</i>				
1.	PBW—34	Northern Plains Zone	Timely sown, good fertility irrigated.	Rusts and tolerant to Karnal Bunt.
2.	MSCS-1967	Peninsular Zone	Timely sown, low fertility & rainfed.	Rusts

STATEMENT-II

Statewise Coverage Of Area Under High Yielding Varieties Of Wheat

S. No.	State/Union Territory	(Area in lakhs/ha) 1985-86
1	2	3
1.	Andhra Pradesh	0.13
2.	Arunachal Pradesh	0.01
3.	Assam	0.93
4.	Bihar	15.00
5.	Gujarat	3.93
6.	Haryana	16.12
7.	Himachal Pradesh	3.10
8.	Jammu & Kashmir	1.90

1	2	3
9.	Karnataka	0.90
10.	Madhya Pradesh	18.40
11.	Maharashtra	8.41
12.	Manipur	0.08
13.	Meghalaya	0.05
14.	Mizoram	0.003
15.	Nagaland	0.050
16.	Orissa	0.56
17.	Punjab	31.10
18.	Rajasthan	13.33
19.	Sikkim	0.10
20.	Tripura	0.03
21.	Uttar Pradesh	74.08
22.	West Bengal	3.05
23.	Dadra & N. Haveli	Neg.
24.	Delhi	0.49
25.	Goa, Daman & Diu	Neg.
26.	Chandigarh	N.A.
ALL INDIA		191 753

N.A. - Not available

Neg. — Negligible

Assistance to Farmers for Paddy Cultivation in Eastern Coast of Andhra Pradesh

8896. SHRI V. TULSIRAM: Will the Minister of AGRICULTURE be pleased to state:

(a) whether there is agricultural land on the eastern coast of Andhra Pradesh used as paddy fields and is below the sea level,

(b) if so, whether any special assistance including financial assistance is given to