

Level of N & P ₂ O ₅	Yield in kg./ha.	Response of yield in kg. over N ₁ P ₁	Value of extra pro- duce in Rs.	Total cost of over fertiliser ap- plication in Rs.	Additional income per hectare over N ₁ P ₁ in Rs.	Additional income per Re. spent on fertiliser application over N ₁ P ₁ in Rs.	Income per rupee spent for one kg. of nitrogen and phosphorus	Yield per kg. of N & P ₂ O ₅
Nitrophosphate								
N ₁ P ₁	31361	—	—	—	—	—	—	—
N ₂ P ₂	36562	5201	3120.60	177.69	2942.91	16.56	26.25	46.10
N ₃ P ₃	36146	4785	2871.00	347.38	2523.62	7.26	15.01	42.42
Ammonium Sulphate and Super-phosphate								
N ₁ P ₁	31361	—	—	—	—	—	—	—
N ₂ P ₂	36562	5201	3120.60	181.81	2938.79	16.16	26.22	46.10
N ₃ P ₃	36146	4785	2871.00	355.62	2515.98	7.07	14.96	42.42

Research News

10,000 Varieties of Wheat

India grows 10,000 different varieties of wheat.

This was disclosed by Dr. M.S. Swaminathan, Director of Indian Agricultural Institute at Karnal District Seed Multiplication Farm in Haryana.

He said hundreds of new strains had been evolved by crossing the Mexican high yielding draft varieties of wheat with conventional Indian tall varieties. These new varieties had helped India to consolidate the break-through in Indian agriculture and bring about the green revolution.

Gur Storage

LUCKNOW: Gur can retain its fresh golden yellow colour, flav-

our and structure for a considerable period if stored at low temperatures such as available in potato cold storage warehouses, according to a press release by the National Sugar Institute, Kanpur.

The release said, "Research done at this institute indicated that the development of colour in gur is primarily a chemical reaction augmented by higher temperatures. Absorption of moisture by gur is essentially due to its exposure to atmosphere of higher relative humidity".

It said gur in sealed impervious alkathene bags in cold storages appeared highly economical for agro-based sugar manufacturing industry.

It recommended construction of cold storage warehouses on a co-operative basis in gur producing areas for preservation of buffer stocks.

Bumper Coffee Harvest

BANGALORE: A coffee harvest of 80,000 tonnes for 1970-71 is anticipated by the Mysore State Planters Association.

The Association Chairman, Mr. Tika A.S. Bedi, said if we harvest 80,000 tonnes in the coming season, we should have achieved a five-fold increase in production since 1947-48—the highest for any crop produced in this country except rubber".