

## New Varieties of Pulses for Target Areas

Time has come to select improved varieties for sowing of rabi-pulses. Farmers are advised to adopt improved varieties of rabi pulses according to target areas (rainfed and semi irrigated conditions) for getting upto 30 per cent higher yield over traditional varieties. IARI has developed new varieties of pulses for rainfed and semi-irrigated conditions for targeted areas. They are as under :

### I Recommended varieties of Gram, Lentil and Pea for rainfed areas

#### (i) Gram

Zone	Area covered	Recommended Varieties
North-Western Plain Zone	Delhi, Haryana, Punjab, Western U.P. and Rajasthan	PUSA-1053, PUSA-372, PUSA-362, PUSA-256, GOURAV, P.B.G. – 1, K.P.G.-59, Karnal Chana-1, R.S.G - 888, Vardan and Samrat
North-Eastern Plain Zone	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal and Orissa	PUSA 1003, PUSA 372, PUSA 362, PUSA 256, AWRODHI, K- 850, RADHE K W R 108 and J.G. 74
Central Zone	Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Maharashtra and Gujarat	PUSA 1053, PUSA 372, PUSA 391, PUSA 256, PUSA Dharwad Pragati, Vikas, Vishal, Gujarat Gram-1, Gujarat Gram-2 and KAK-2
Southern Zone	Andhra Pradesh and Karnatka	I.C.C.V.-2, I.C.C.V.- 10, Anigiri-1, J.G.-1 and C.O. – 4

#### (ii) Lentil

Zone	Area covered	Recommended Varieties
North-Western Plain Zone	Delhi, Haryana, Punjab, Western U.P. and Rajasthan	PUSA VAIBHAV, SHIVALIK, PANT L 4, PANT L 406, PANT L 639, D.P.L 15, D.P.L 62, SAPNA and PRIYA
North-Eastern Plain Zone	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal and Orissa	PANT L 406, PANT L 639, ARUN, RANJAN, SUBRATA AND K 75
Central Zone	Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Maharashtra and Gujarat	SHIVALIK, J.L. 1, J.L. 3, Noori and K 75
Southern Zone	Andhra Pradesh and Karnatka	SHIVALIK, J.L.1, J.L.3, NARI and K. 75.

#### (iii) Pea

Zone	Area covered	Recommended Varieties
North-Western Plain Zone	Delhi, Haryana, Punjab, Western U.P. and Rajasthan	PUSA PANNA, H.F.Pea.4, PANT PEA 5, ALANKAR SWATI, UTTARA, SHIKHA AND K.P.M.R. 522
North-Eastern Plain Zone	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal and Orissa	H.U.D.P. 15, H.U.P. 2, H.F.P.4, SWATI AND PUSA PARBHAT
Central Zone	Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Maharashtra and Gujarat	AMBIKA, RACHNA, J.P. 179, J.P. 885 AND K.P.M. R. 400
Southern Zone	Andhra Pradesh and Karnatka	AMBIKA, R ACHNA, J.P. 179, J.P.885 AND K.P.M.R. 400

## II Recommended varieties of Gram, Lentil and Pea for Semi-irrigated conditions

### (i) Gram

Zone	Area covered	Recommended Varieties
North-Western Plain Zone	Delhi, Haryana, Punjab, Western U.P. and Rajasthan	PUSA 1053, PUSA 372, P.B.G.1, R.S.G. 888, VARDAN AND HARYANA CHANA-1
North-Eastern Plain Zone	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal and Orissa	PUSA 1003, PUSA 372, PUSA 256, RADHE, AVRODHI AND K.W.R. 108.
Central Zone	Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Maharashtra and Gujarat	PUSA 1053, PUSA 391, I.C.C.V. 10, PUSA DHARWAR, PRAGATI, VISHAL, GUJRAT GRAM-2 AND KAK-2.
Southern Zone	Andhra Pradesh and Karnataka	I.C.C.V. 2, C.O. 4 AND I.C.C.V. 10

### (ii) Lentil

Zone	Area covered	Recommended Varieties
North-Western Plain Zone	Delhi, Haryana, Punjab, Western U.P. and Rajasthan	PUSA VAIBHAV, SHIVALIK, PANT L 639, D.P.L. 62, PANT L 4
North-Eastern Plain Zone	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal and Orissa	PANT L 639, ARUN, RANJAN, SUBRATA AND K. 75
Central Zone	Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Maharashtra and Gujarat	SHIVALIK, J.L. 3 AND K. 75
Southern Zone	Andhra Pradesh and Karnataka	SHIVALIK, J.L. 3 AND K. 75

### (iii) Pea

Zone	Area covered	Recommended Varieties
North-Western Plain Zone	Delhi, Haryana, Punjab, Western U.P. and Rajasthan	PUSA PANNA, H.F.P. 4, SWATI, UTTRA AND K.P.M.R. 522
North-Eastern Plain Zone	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal and Orissa	H.U.D.P. 15, H.F.P. 4, SWATI AND PUSA PARBHAT
Central Zone	Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Maharashtra and Gujarat	PUSA PANNA, J.P. 179 AND K.P.M.R. 400
Southern Zone	Andhra Pradesh and Karnataka	PUSA PANNA, J.P. 179 AND K.P.M.R. 400

Courtesy : Krishak Jagat dated 26<sup>th</sup> September to 2<sup>nd</sup> October, 2005.