







Tomato Varieties Developed

Name of Variety	Characteristics	
Kashi Vishesh	This variety is resistant to TLCV and has been developed using <i>L. hirsutum f. glabratum</i> B'6013' as donor parent following backcross pedigree selection method. Plants are determinate, dark green, fruits red, spherical, size medium to large, weight of 80 g, first harvest at 70-75 days after transplanting; yield 400-450 q/ha. This has been released and notified during the XII meeting of Central Sub Committee on Crop Standard Notification and Release of Varieties for Horticultural Crops for the cultivation in J&K, H.P., Uttaranchal, Punjab, U.P., Bihar, Jharkhand, Chhattisgarh, Orissa, A.P. and Karnataka, Tamil Nadu and Kerala.	
Kashi Amrit	This is a determinate variety derived from inter-specific cross <i>L. esculentum</i> (cv. Sel. 7) x <i>L. hirsutum f. glabratum</i> (acc. B6013') through backcross pedigree method. Fruits are round, attractive red and fleshy with an average weight of 108 g. Suitable for cultivation during TLCV infested period. Gives an average yield of 620 q/ha. This variety is popular among the farmers of northern plains of the country. This has been identified by U.P. State Horticultural Seed Sub Committee and notified during the XII meeting of Central Sub Committee on Crop Standard Notification and Release of Varieties for Horticultural Crops for cultivation in U.P., Bihar and Jharkhand.	
Kashi Hemant	This has been developed through pedigree selection from a cross Sel-18 x Flora Dade. The plants are determinate, fruits attractive red and round, weight varies from 80 to 85 g; yield 400-420 q/ha. This has been released and notified by XII meeting of Central Sub Committee on Crop Standard Notification and Release of Varieties for Horticultural Crops for the cultivation in Chhattisgarh, Orissa, A.P. and M.P.	
Kashi Sharad	This is developed through pedigree selection from a cross MTH-6 x Kalyani Eunish. Plants are indeterminate, leaves broad, fruits attractive red, slightly oval, firm, thick pericarp, longer shelf life, weight 90 to 95 g; yield 400-500 q/ha. It has been released and notified during XII meeting of Central Sub Committee on Crop Standard Notification and Release of Varieties for Horticultural Crops for the cultivation in J&K, H.P. and Uttaranchal.	
Kashi Anupam	This is also developed by hybridization between <i>L. esculentum</i> cv. 'Sel-7' and <i>L. hirsutum f. glabratum</i> 'B6013', following backcross-pedigree selection. Plants are determinate, fruits large, flatish round (slightly indented at blossom end of fruit), attractive red with 5-6 locules, medium maturity (75-80 days after transplanting); yield 500-600 q/ha. This has been released and notified during the XII meeting of Central Sub Committee on Crop Standard Notification and Release of Varieties for Horticultural Crops for the cultivation in Rajasthan, Gujarat, Haryana.	
Kashi Abhiman	Kashi Abhiman is a determinate tomato hybrid identified and recommended at the 30th AICRP (VC) meeting held at Pantnagar, UP. It is an ideal tomato hybrid for cultivation in Zone I (States: J&K, HP, Uttaranchal) and Zone IV (States: Punjab, UP, Bihar, and Jharkhand) during mid September – March. High yield potential of 87 t/ha and 93 t/ha has been recorded at HARP, Ranchi and CITH, Srinagar respectively. Fruits are deep red in colour and mature uniformly. The fruits are firm (pericarp thickness of 0.6cm) and are ideal for long distance transportation. Average fruit weight ranges from 75 – 95gm and total soluble solids content range from 4.2 to 4.6 degrees Brix at red ripe stage. This hybrid also carries Ty-2 gene that confers moderate resistance to tomato leaf curl virus disease.	

Source: NAIP sub-project on "Mobilizing mass media support for sharing agro-information," IIVR