

**Table S1** Details of the varieties used in the present study.

	<b>Pedigree</b>	<b>Year / Place of release</b>	<b>Distinguishing characters</b>
<b>var. Gomati VU-89</b>	Selection from local germplasm at Kanke	1974/ RAU, Kanke, Ranchi	Maturity 150-155 days; Avg. yield 25-30 Q/ha; Resistant to yellow mosaic virus; 13.00 g/100 seeds; Long pods; Avg. 60 pods/plant; small seed size
<b>var. Pusa-578</b>	Selection from cv. EC170578	2005/ IARI, New Delhi	Maturity 155-160 days; Avg. yield 5 Q/ha; Resistant to yellow mosaic virus; 21.00 g/100 seeds; Short pods; Avg. 40 pods/plant; Large seed size