



Mahatma Phule Krishi Vidyapeeth, Rahuri

Information about Crop wise Improved / Hybrid Varieties Developed by University

Turmeric – Krishna



	Release year	1984
	Name of Institute/ University	Turmeric Research Scheme, Agril. Research Station, K. Digraj, Tah. Miraj, Dist. Sangli.
	Soil type	Medium black, well drained, p ^H range : 6.5-7.5
	Climate	Hot & humid climate is ideal for growth, medium rainfall and clear sunlight are necessary for growth. Av. temp: 25-35 °C
Sowing / Planting period	Second fortnight of May to first week of June	
Seed Rate (Per acre)	8-10 quintal	
Crop duration	month	
Productivity	Green yield: 300-325 q/ha Dry yield: 75-80 qt/ha	
Characters / features	Developed by selection method from Kaddappa variety. Leaves are broad in size, green in colour and flat. 10-12 leaves per plant, B. Fingers are long, thick and proportionate, Whitish yellow core colour of fingers, Wrinkles are observed on processed finger, Curcumin content : 2.5%, Dry turmeric yield : 75-80 qt. / ha., Recovery : 18%	
Remark	Susceptible to leaf blotch and leaf spot disease.	



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Turmeric - Phule Swarupa



	Release year	2004
	Name of Institute/ University	Turmeric Research Scheme, Agril. Research Station, K. Digraj, Tah. Miraj, Dist. Sangli.
	Soil type	Medium black, well drained, p ^H range : 6.5-7.5
	Climate	Hot & humid climate is ideal for growth, medium rainfall and clear sunlight are necessary for growth. Av. temp: 25-35 °C
Sowing / Planting period	Second fortnight of May to first week of June	
Seed Rate (Per acre)	8-10 quintal	
Crop duration	8.5 month	
Productivity	Green yield: 358.30 q/ha Dry yield: 78.90 qt/ha	
Characters / features	Clonal selection from Duggirala variety, Plant height moderate to tall, erect in growth habit, dark green colour of foliage, with 11-13 leaves per plant, Long and shining fingers, Dark yellow core colour of fingers, Cur cumin content : 5.19%, Recovery : 22%	
Remark	Tolerant to leaf blotch, leaf spot and Rhyme fly	



Betelvine - Krishna Pan (Dpb-6)

	Release year	2001
	Name of Institute	MPKV, Rahuri
	Soil type	Well-drained, fertile soil
	Climate	Tropical climate, humidity 60-70%, will be well suited for cultivation of betelvine
Sowing/planting period	June -July	
Seed rate(per acre)	15000-30000 cuttings/ha	
Crop duration	10 years	
Productivity	71.18 lakh leaves/ha	
Characters/features	High yielding	71.18 lakh leaves/ha 27% more yield than local Kapoori 20% more yield than Kapoori selection
	Leaf quality	Big size L x B (cms) (14.5 x 12) Less gabala type leaves Shape- oblong Colour – light green Texture- thick
	Reaction to disease	Moderately resistant to foot rot
	Reaction to pests	Susceptible to Betelvine bug & Nematode
	Remarks	Recommended for cultivation in plain zone of Maharashtra.