

## CULTIVARS / IMPROVED VARIETIES OF MEDICINAL PLANTS

Sl.No.	Crop	Cultivar/ Variety	Place & year of release	Characters & adaptability
1	<b>Adapathiyam</b> <i>Holostemma ada-kodien</i>	Jeeva	College of Horticulture, Kerala Agricultural University, Thrissur	Productivity: 1.8 t fresh roots/acre; 600 kg dry roots/acre High soluble sugar content (8.33%)
2	<b>Amukkuram</b> <i>Withania somnifera</i>	Poshita	CIMAP, Lucknow	
		Jawahar Asgand-20		
		Jawahar Asgand-134		
		Ashwagandha		
3	<b>Brahmi</b> <i>Bacopa monnieri</i>	CIM-Jagarti	CIMAP, Lucknow	
4	<b>Chethikoduveli</b> <i>Plumbago indica</i>	Mridhula	Department of Plantation Crops & Spices, College of Horticulture, Kerala Agricultural University, Thrissur	Medium tall plants, small leaves, lengthy narrow roots.  Plumbagin Content (0.22%) <i>Productivity</i> 4000 kg raw roots / acre 1200 kg dry roots/ acre
		Agni	Department of Plantation Crops & Spices, College of Horticulture, Kerala Agricultural University, Thrissur	Robust tall plants, long broad leaves, thick roots. Plumbagin content (0.8%), suitable for extractives  <i>Productivity</i> 3400 kg raw roots/acre 1100 kg dry roots/acre
5	<b>Chittadalotakam</b> <i>Justicia beddomei</i>	Ajagandhi	Department of Plantation crops & Spices, College of Horticulture, Kerala Agricultural University, Thrissur	Medium tall plants with long and broad leaves. High proportion of leaves and preferred for leaf crop.  Vasicine content in root - 2.46%. Productivity: 16 t whole plant /acre (fresh) /6 t whole plant /acre(dry)
		Vasika	Department of Plantation crops & Spices, College of Horticulture, Kerala Agricultural University, Thrissur	VASIKA Medium tall plants with long and narrow leaves. High proportion of roots and preferred for root crop. Vasicine content in root - 2.55%. Productivity: 14 t whole plant /acre (fresh) / 4.5 t whole plant /acre (dry)

6	<b>Coleus</b> <i>Coleus forskohlii</i>	CF 36		
		AISIRI		
7	<b>Jathi / Nutmeg</b> <i>Myristica fragrans</i>	Konkan Sugandha		
		Viswasree		
8	<b>Kacholam</b> <i>Kaempferia galanga</i>	Kasthuri	Department of Plantation Crops & Spices, College of Horticulture, Kerala Agricultural University, Thrissur	Robust plants Leaves : More in number & larger in size Rhizome : Light brown & larger in size Productivity : 900 kg/acre dry rhizome
		Rajani	Department of Plantation Crops & Spices, College of Horticulture, Kerala Agricultural University, Thrissur	Leaves : Fewer and small Rhizome : Medium bold, creamy white in color & more in number High Oleoresin content (7.68%) Productivity : 870 kg/acre dry rhizome
9	<b>Kattarvazha</b> <i>Aloe barbedensis</i>	IC-111271	NBPGR, New Delhi	High aloin content (>20%) Throughout India
		IC-111280	NBPGR, New Delhi	High gel yield (2.45 mg/ml) Throughout India
		RLAV -18		Perennial , upto 50 cm highs, leaves larger in size (30-60 cm long and 5-10 cm broad) Average yield of leaves – 20 t/acre Aloin percentage 0.02%
		CIM – Sheetal	CIMAP, Lucknow, UP	Light green leaves, High aloin content (>20%), High gel yield (2.45 mg/ml) Throughout India
10	<b>Kiriyaath</b> <i>Andrographis paniculata</i>	AK-1 (Anand Kalmegh -1)		
		CIM-Megha		
		IC-111286		
		IC-111287		
		IC-111289		
		KI-5		
11	<b>Kizharnelli</b> <i>Phyllanthus amarus</i>	CIM-Jeevan	CIMAP, Lucknow, UP	
12	<b>Kokum</b> <i>Garcinia indica</i>	Konkan Amruta		
13	<b>Koovalam</b> <i>Aegle marmelos</i>	Narendra Bael - 4		
		Narendra Bael - 5		
		Narendra Bael -7		
		Narendra Bael -9		
		Narendra Bael -16		
		Narendra Bael -17		
14	<b>Kudangal</b> <i>Centella asiatica</i>	Zandu Brahmi		
15	<b>Marunnu kachil /Medicinal yam</b> <i>Dioscorea floribunda</i>	FB(C)-1		
		Arka Upkar		

16	<b>Moringa / Drumstick</b> <i>Moringa oleifera</i>	Konkan Ruchira		
17	<b>Naikkurana</b> <i>Mucuna pruriens</i>	CIM-AJAR		
		IC-2533		
		Zandu Kewanch 1		
		IIHR MP 10		
18	<b>Nelli / Amla</b> <i>Emblica officinalis</i>	IIHR MP 11		
		Banarasi		
		Krishna		
		NA-9		
		NA-10		
		Francis		
		NA-7		
		Kanchan		
		NA-6		
19	<b>Orila</b> <i>Desmodium gangeticum</i>	Chakaiya		
		Shalparni-Sel		
20	<b>Sarpagandhi</b> <i>Rauvolfia serpentina</i>	RS-1		
		CIM Sheel		
		RI-1		
		Sarpagandha		
21	<b>Satavari</b> <i>Asparagus racemosus</i>	Shatavar		
22	<b>Thippali</b> <i>Piper longum</i>	Viswam	Kerala Agricultural University, Trichur	It is a Sri Lankan type. Bearing period - 240 to 270 days /year Yield – 300 -350 kg per acre from second year onwards Alkaloid content - 2.83%