



Kerala Agricultural University
കേരള കാർഷിക സർവ്വകലാശാല

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Varieties Released

The University has released the following improved varieties in rice, coconut, vegetables, pepper, nutmeg, cashew, sesame, sugarcane, tuber crops, cowpea, cocoa and other crops.

(List upto 2018)

SI.No	Name of Variety	Year	Pedigree / Salient Features
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Rice

1	Ptb 39-Jyothi	1974	Ptb-10 x IR-8 (HS)
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2	Ptb 40-Sabari	1974	IR8/2 x Annapoorna (HS)
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3	Ptb 41-Bharathy	1974	Ptb 10 x IR-8 (HS)
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4	Ptb 42- Suvarnamodan	1976	ARC-11775 (S)
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5	Ptb 43- Swarnaprabha	1985	Bhavani x Triveni (HS)
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6	Ptb 44-Reshmi	1985	Oorpandy (Mutation)
7	Ptb 45-Matta Triveni	1990	Reselection from Triveni

8	Ptb 46-Jayathi	1990	IR 2061 x Triveni (HS)
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9	Ptb 47-Neeraja	1990	IR 20 x IR 5 (HS)
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10	Ptb 48-Nila	1992	(Triveni x Vellathil Kolappala) x Co-25
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11	Ptb 49-Kairali	1993	IR 36 x Jyothi (HS)
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12	Ptb 50-Kanchana	1993	IR 36 x Pavizham (HS)
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13	Ptb 51-Aathira	1993	BR 51-46-1 x Cul 23332-2 (HS)
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14	Ptb 52-Aiswarya	1993	Jyothi x BR-51-46-1
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15	Ptb 53-Mangala Mashuri	1998	Reselection from Mashuri
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16	Ptb 54-Karuna	1998	CO.25 X H4 (HS)
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17	MO 4-Bhadra	1978	IR 8 x Ptb 20 (HS)
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18	MO 5-Asha	1981	IR 11 x Kochuvithu (HS)
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19	MO 6-Pavizham	1985	IR 8 x Karivenal (HS
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20	MO 7-Karthika	1987	Triveni x IR 15399 (HS)
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21	MO 8-Aruna	1990	Jaya x Ptb 33 (HS)
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22	MO 9-Makom	1990	ARC 6650 x Jaya (HS)
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23	MO 10-Remya	1990	Jaya x Ptb 33 (HS)
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24	MO 11-Kanakam	1990	IR 1561 x Ptb 33 (HS)
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25	MO 12-Ranjini	1996	MO 5 x Improved Sona (Pedigree selection)
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26	MO 13-Pavithra	1998	Surekha X MO5 (Pedigree selection)
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27	MO 14-Panchami	1998	Pothana X MO5 (Pedigree selection)
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28	MO 15-Remanika	1998	Mutant of Mo1
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29	MO 16-Uma	1998	MO6 X Pokkali (Pedigree selection)
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30	MO17-Revathy	1998	Cul. 1281 X MO6 (Pedigree selection)
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31	MO18-Karishma	1998	Mo1 X MO6 (Pedigree selection)
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32	MO19-Krishnanjana	1998	MO1 X MO6 (Pedigree selection)
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33	Kym 1-Lakshmi	1981	Kottarakkara 1 x Poduvi (HS)
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34	Kym 2-Bhagya	1985	Tadukkan x Jaya (HS)
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35	Kym 3-Onam	1985	(Kochuvithu x TNI) x Triveni
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36	Kym 4-Dhanya	1992	Jaya x Ptb 4 (HS)
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37	Kym 5-Sagara	1993	Oorumundakan local (MS)
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38	Vytila 3	1987	Vytila 1 X TN-1(HS)
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39	Vyttila 4	1993	Chettivirippu x IR 4630-22-2-17(HS)
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40	Vyttila 5	1996	Mashuri (Mutation)
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41	ACV-I-Arathy	1993	Jaya x Ptb 33 (HS)
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42	Hraswa	1993	IR-8 x T-140 (HS)
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43	Deepthi(WND-3)	1998	Edavaka(PS)
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44	Makaram(KTR 1)	1998	Cheradi local (MS)
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45	Kumbham	1998	Cheradi local (MS)
46	Ahalya	1998	(PtB 10 x TN I) x TN I
47	Harsha	2001	
48	Manupriya	2006	(PK3355-5-1-4) x Bhadra A high yielding, photo insensitive, short duration (100-105 days), non-lodging, red kernelled hybrid derivative suitable for kole lands.
49	Anashwara	2006	Mutant of PTB 20. A photoperiod sensitive semi-tall rice variety suitable for Rabi.
50	VTL-7	2006	Hybrid between IR8 x Patnai 23. High yielding, non-lodging, semi-tall variety having tolerance to salinity, acidity and flood. Suitable for pokkali area.
51	Thulam	2010	Tolerant to stem borer, leaf roller, lodging and unexpected flooding
52	Prathyasha(MO21)	2010	Moderately tolerant to gall midge, BPH, sheath blight and sheath rot.
53	VTL- 8	2010	Tolerant to salinity (8 ds/m), acidity and submergence
54	Vaisakh	2010	Tolerant to moisture stress, resistant to blue beetle, moderate resistance to stem borer and whorl maggot
55	Samyuktha	2010	Moderate resistance to stem borer, whorl maggot, blue beetle, BPH and sheath blight.
56	Ezhome-1	2010	Tolerant to medium salinity and flooding. Resistant to gall midge, leaf folder, case worm and moderately resistant to whirl maggot, sheath blight and bacterial leaf blight
57	Ezhome-2	2010	No major incidence of pests and diseases under Kaipad system
58	Ezhome-3	2013	Medium duration variety tolerant to medium salinity; high yielding in both Kaipad and Pokkali soils during Kharif and Rabi seasons, unlike other Kaipad high yielding varieties, which are high yielding only in Kaipad Kharif season.
59	MO 22	2015	HY dwarf, medium duration paddy ; with medium bold red kernel grains; moderately resistant to sheath blight, sheath rot, BLB and false smut; grain yield 7-7.5 t/ha
60	Ezhome 4	2015	HY long duration paddy suitable for Kaipad lands; non lodging, white kernels;
61	Jaiva	2015	HY paddy variety suited for organic farming
62	VTL 9	2015	HY long duration paddy variety ; tolerance up to 12 dsm salinity, compared to existing variety (8 dsm); 10% extra yield over VTL 6

63	Amritha	2015	HY long duration salt tolerant paddy variety suited for Oru mundakan tract; 4.88 t grains and 8.8 tonnes straw/ha; red kernel	
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64	Pournami	2018	Semi tall, medium duration (115-120 days) medium bold, red kernelled, medium tillering, partly awned variety, moderately resistant to sheath blight, sheath rot, lakshmi disease, BPH and gall midge. Non-lodging, suitable for Kuttanad region of Kerala. Tolerant to high temperature.
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65	Manu Ratna	2018	Awnless, red kernelled, medium sized grains, non-lodging, short duration (95-99 days), tolerant to stem borer, leaf folder and whorl maggot, suitable for normal wetlands of Kerala and kole areas of Thrissur district
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66	Lavanya	2018	Salt tolerant, medium duration (110-115 days), semi tall, non- lodging, awnless, medium bold and red kernelled grains. Suitable for coastal saline agro ecosystem, Yield 4.2 t/ha
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67	Jyotsna	2018	Semi tall, non-lodging, short duration (100-105 days), red kernelled long grains, moderately resistant to BPH and blast. Suitable for coastal saline agro ecosystem, Yield 6.0 – 6.5 t/ha.
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68	Supriya	2018	Tall, long duration (140 days), non-lodging, highly tillering broad leaved variety with long bold grains and white kernels. Moderately resistant to stem borer, leaf folder, whorl maggot and blast. Suitable for irrigated or rain fed wet lands of Central Zone of Kerala. Yield 6.5-7.0 t/ha
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69	KAU Akshaya	2018	Tall, long duration, late maturing (130 - 140 days), non- lodging broad leaved variety with short bold white kernels. Moderately resistant to stem borer, leaf folder, whorl maggot and blast disease. Tolerant to high temperature and moisture stress. Suitable for irrigated or rain fed wet lands of Central Zone of Kerala. Yield 6.5-7.0 t/ha
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Coconut

1	Lakshaganga	1989	LO x GB (H)
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2	Keraganga	1989	WCT x GB (H)
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3	Anandaganga	1989	AO x GB (H)
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4	Kerasree	1992	WCT x MYD (H)
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5	Kerasowbhagya	1993	WCT x Strait Settlement Apricot (H)
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6	Kerasagara	2006	Selection from Seychelles (SE Asia). Tall palms, flower in 8 years, light green nuts, mean yield 99nuts/palm/year.
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7	Keramadhura	2013	A superior genotype suitable for dual purpose (tender nut and copra) with more quantity of tender nut water (287 ml) with excellent quality. Number of nuts/plant 119; copra yield (196 g/nut).
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Vegetables

Bittergourd

1	Priya	1976	Kannur local (S)
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2	Priyanka	1996	Local Selection
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3	Preethi	1996	MC 84 selection
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Snakegourd

1	Kaumudi	1996	Local selection
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2	Harithasree	2013	High yielding variety having green fruits with white stripes for areas where green fruits are preferred
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Ash Gourd

1	KAU Local	2001	BH 21
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2	Indu	2001	AG 1
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3.	Thara	2015	HY small fruited (1.22 kg) variety suited for homestead and commercial cultivation; Av yield of 22 t/ ha
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Ridge Gourd

1	Haritha	2001	Long, Green fruited, HY ,
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Pumpkin

1	Ambili	1988	CM 14 (S)
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2	Suvarna(CM 349)	1998	CM349 (SPS)
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Bhindi

1	Kiran	1990	Kilichundan local (S)
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2	Salkeerthi	1998	Reselection from NBPGR NO.144
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3	Aruna	1998	NBPGR No. 1343(SPS)
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Amaranthus

1	Arun	1992	Palapoor local (MS)
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2	Renusree	2006	Green amaranth evolved through selection. High yielding variety (15.5 t/ha) having green leaves and purple stem with low anti-nutritional factors.
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3	Krishnasree	2006	Red amaranth evolved through selection. High yielding (14.8t/ha) with high nutritive value and low anti-nutritional factors.
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Winged bean

1	Revathy	1996	SLS-47 (MS)
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Vegetable Cowpea

1	KMV-1	1996	Manjeri Red Plain
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2	Malika	1992	Single plant selection from Thiruvananthapuram
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3	Sharika	1993	Valiyavila local (SPS)
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4	Kairali	2001	Mosaic resistant , semi spreading selection with pink pods
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5	Bhagyalakshmi	2001	Bush type and early yielding variety
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6	Lola	2001	HY pole type cowpea, pale green long pods
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7	Vyjayanthi(VS 21-1)	1998	HY pole type cowpea, pink long pods - selection from Perumpadavam local (PS)
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8	Vellayani Jyothika	2006	Selection from Sreekaryam local. High yielding(19.33t/ha) with long light green pods.
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9	Githika	2015	A HY, mosaic resistant yard long bean ; Long thick fleshy pods with light green colour, av yield of 27.6 t /ha; pod length 53.4 cm; reddish brown seeds
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10	Manjari	2018	Trailing habit, shade tolerant, ideal for intercropping and tolerant to mosaic. Light green pods (43.2 cm) with red seeds. Days to first harvest 48-50 days. Yield 5.6 t/ha.
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11	Mithra	2018	Trailing growth habit, 90- 130 days duration, attractive long (78.6cm) light green pods and deep brown seeds with white speck at one end. Field tolerance to fusarium wilt and pythium rot. Suitable for riverine alluvium of Central Travancore , Yield 20.7 t/ha.
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Chilli

1	Jwalamukhi	1990	Vellanochi x Pusa Jwala (HS)
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2	Jwalasakhi	1990	Vellanochi x Pusa Jwala (HS)
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3	Ujwala	1996	CA 219-1-19-6 (SPS)
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4	Vellayani Athulya	2006	Selection from local collection. High yielding (650.33g/plant), early maturing, shade tolerant, green chilli variety with light green, medium pungent fruits having excellent quality.
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5	Samrudhi	2010	Shade tolerant
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6	Vellayani Thejus	2013	High yielding shade tolerant variety suitable for cultivation in homesteads. Has good acceptability as green chilli. Produce attractive dark green fruits having high pungency with high oleoresin and capsaicin content
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7	Keerthi	2015	Mosaic tolerant chilli, with green coloured, semi-wrinkled pendent fruits of 10-12 cm long;
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Tomato

1	Sakthi	1993	LE 79 (S)
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2	Mukthi(LE 79-5)	1998	LE 79(CL32D-0--1-19GS)(PS)
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3	Vellayani Vijai	2006	Introduction and selection from CLN1621F (AVRDC,Taiwan). High yielding (1.34kg/plant), compact, early maturing variety having bacterial wilt resistance and high temperature tolerance.
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4	Akshaya	2013	High yield (3.5 kg/plant) with resistance to bacterial wilt, Indeterminate growth habit suitable for rain shelter cultivation
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5	Manulakshmi	2013	Resistant to bacterial wilt, Semi determinate growth habit, High fruit size (50-55g), fruit shape- oval
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6	Manuprabha	2015	Wilt resistant tomato; Fruit colour and shape, Round, Uniform ; Plant height- 69 cm; Days to flowering- 60; Fruits/ plant- 31; Fruit yield- 1.880 kg; Av. Fruit weight 55-60 g
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Brinjal

1	Surya	1990	SM6-7 (SPS)
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2	Swetha	1996	SM6-6 (SPS
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3	Haritha	1998	SM-141(SPS)
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4	Neelima	1998	
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5	Ponny	2015	BW resistant , HY (31.6 t/ha); vigorous plants (spreading, 175 cm ht); long duration(18-20 months);non spiny stem and leaves; inwardly curved light green long fruits (24.5 cm; 160 g)
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Oriental pickling melon

1	Soubhaghya(CM-8)	1998	Valakkavu local(PS)
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2	Mudicode	2001	CS 26 Local collection from Mudicode
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3	Arunima	2001	HY variety , medium size fruits
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4	KAU Vishal	2018	Medium to large cylindrical shaped fruits, crop duration 70-75 days, less susceptible to pests and diseases. Suitable for warm humid tropics of Kerala, Yield 33 t/ha.
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Okra

1	Anjitha	2006	Inter specific hybridization followed by mutation breeding and selection. High yielding (14.6t/ha), early maturing, YVM resistant variety.
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2	Manjima	2006	Hybrid(Gowreesapattom local x NBPGR/TCR-874). High yielding(16t/ha), early maturing, YVM resistant variety.
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Hyacinth bean/Dolichos bean

1	Hima	2006	Selection from local collection. High yielding (13.34kg/plant), hardy, medium maturing, pole type with white flowers, light green broad and straight pods and coffee brown seeds.
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2	Grace	2006	Selection from local collection. High yielding (13.6kg/plant), hardy, early maturing, pole type with purple stem, lilac flowers and slightly curved greenish purple pods and black seeds.
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Drumstick

1	Anupama	2010	HY annual drumstick variety
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Cucumber

1	Harith	2015	HY F1 hybrid, suitable for open and rain shelter conditions; light green fruits with 18.67 cm length and 260 g wt; Potential yield of 102.8 t/ ha
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2	Shubra	2015	HY F1 hybrid, suitable for open and rain shelter conditions; greenish white fruits with 14.4 cm length and 275 g wt; Potential yield of 102.3 t/ ha
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3	KPCH 1	2018	F1 hybrid generated from a cross between parthenocarpic lines, suitable for poly house cultivation, early maturing with long dark green fruits and moderately resistant to downy mildew. Suitable for humid tropics of Kerala, Yield 1.0 t/100 m ²
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Water melon

1	Shonima	2015	Red fleshed seedless triploid hybrid, rind colour is darkgreen with light green stripes Av wt is 3.92 kg
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2	Swarna	2015	Bright Yellow fleshed seedless triploid hybrid, rind colour is green with yellow stripes Av wt is 3.18 kg;
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Jack fruit

1	Sindoor	2015	Jack for table purpose, with attractive sunset orange flakes having ; bear fruits twice/ year; medium fruits 11-12 kg, 52 cm long; 25 fruits/ tree / year distinct aroma, taste and sweetness;
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Cashew

1	Anakkayam-1	1987	Bapatla Collection - Tree 139-1 (S)
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2	Madakkathara-1	1987	Bapatla Collection - Tree-39-4 (S)
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3	Madakkathara-2	1990	NDR-2-1 (S)
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4	Kanaka	1993	Anakkayam 1 x H-3-13 (H)
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5	Dhana	1993	LGD 1-1 x K 30-1 (H)
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6	Dharasree	1996	Tree No. 30 x BRZ-18 (H)
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7	Sulabha	1996	T 28 of RCRS Kottarakkara (Intr.&Select.)
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8	Mrudula	1996	PTR-1-1 (S)
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9	Priyanka	1996	BLA 139-1 x K 30-1 (H)
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10	Anagha	1998	Tree 20 X K-30-1(HS)
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11	Amrutha	1998	BLA-139-1(F) X K-30-1(M) (H)
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12	Akshayai	1998	H-4-7(F) X K-30-1(M) (HS)
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13	Poornima	2006	BLA 139-1 x K-30-1 A high yielding (14.08kgnuts/tree/year), compact, intensively branching, mid season, cashew hybrid with export grade nuts, high shelling percentage and kernal weight.
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14	Sree	2010	Tolerant to tea mosquito bug.
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Pepper

1	Panniyur-2	1990	Balancotta (Selection from open pollinated progeny)
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2	Panniyur-3	1990	Uthirankotta x Cheriya kaniyakadan (H)
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3	Panniyur-4	1990	Kuthiravaly (Selection)
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4	Panniyur-5	1996	Perumkodi (Selection from open pollinated progeny)
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5	Panniyur-6	2001	
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6	Panniyur-7	2001	
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7	Panniyur-8	2013	Tolerant to Phytophthora foot rot and drought, Suitable for growing in open as well as partial shade, vigorous vine and regular bearer.
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8	Vijay	2013	Medium long spikes and bold berries, oil, oleoresin, and piperine content more than parents and Panniyur1, field tolerant to Phytophthora foot rot
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9	Panniyur 9	2018	Spike length 10.2 cm, 90 berries per spike, 1000 berry weight 150g, piperine 6.11%; volatile oil 5.00 %; oleoresin 12.71%. Suitable for open condition. Tolerant to quick wilt and drought. Fresh 7.2 kg /tree; Dry 2.86 kg/tree
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Nutmeg

1	Pullan	2018	Canopy shape conical, erect growth habit, oval shaped nuts and mace single nut weight - 10.85g; single mace weight -1.36g. Recommended for cultivation throughout the State. Nut yield-22.79 kg/tree. Mace yield 2.86 kg/tree
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2	Kochukudy	2018	Canopy shape conical, spreading growth habit, round nuts and mace, single nut weight - 11.6g; single mace weight - 2.49 g. Recommended for cultivation in Thrissur District. Nut yield-20.88 kg/tree. Mace yield 4.48 kg/tree
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3	Mundathanam	2018	Canopy shape pyramidal, erect growth habit, oval fruits, round nuts, dark red mace and dark brown nuts. Single nut weight - 12.6 g, single mace weight - 2.49 g. Recommended for cultivation in Palakkad District. Nut yield 19.7 kg/tree. Mace yield 3.89 kg/tree
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4	Poothara	2018	Canopy shape pyramidal, spreading growth habit, round fruits and dark red mace. Single nut weight 10.0 g, single mace weight 2.06 g. Recommended for cultivation in Kottayam District. Nut yield- 22.0 kg/tree. Mace yield 4.53 kg/tree
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5	Punnathanam	2018	Broadly pyramidal shaped canopy, erect growth habit, oblong leaves, round fruits, attractive red coloured mace. Single nut weight - 13.85 g, single mace weight - 3.02 g. Recommended for cultivation throughout the state. Nut yield 19.39 kg/tree; Mace yield 4.23 kg/tree
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Ginger

1	Athira	2010	Tolerant to soft rot and bacterial wilt disease
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2	Karthika	2010	Tolerant to soft rot and bacterial wilt disease
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3	Aswathy	2013	High yield, bold rhizomes, high recovery of volatile oil and oleoresin. Recommended for green ginger. suitable for cultivation both as pure and intercrop. Field tolerant to <i>Phyllosticta</i> leaf spot disease
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4	Chandra	2018	Crude fibre 3.0%, girth of fingers 7.11 cm; drilage 22.26 %; volatile oil 1.6 %; and oleoresin 5.17 %. Good for fresh and dry ginger. Suitable for moist humus rich soils of tropics. Fresh yield 23.51 t/ha; dry yield 5.23 t/ha
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5	Chithra	2018	Extra bold fingers 8.3cm diameter, low fibre 3.01 %, high driage 23.4%; volatile oil 1.6% and oleoresin 4.71%. Ideal for dry ginger. Suitable for cultivation in moist humus rich soils of tropics. Fresh yield 22.06 t/ha; dry yield 5.16 t/ha
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Cardamom

1	PV-1	1987	Walayar local (CS)
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2	PV 3	2018	Malabar type with prostrate panicles, ellipsoid capsule; number of capsules- 342/ panicle; dry recovery- 18.5%. Drought tolerant and moderately tolerant to capsule borer. Suitable for partial shade (50-60 %) in tropical evergreen forests of the State. Dry capsule yield 416 kg/ha
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3	PV 5	2018	Vazhukka type with semi erect panicle, ovoid capsule, number of capsules 153/ panicle and dry recovery 18%. Tolerant to thrips. Suitable for cardamom growing tracts of Kerala. Dry capsule yield 594 kg/ha
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Cinnamon

1	Sugandhini	2001	Selection from germplasm maintained at AMPRS Odakkali
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Turmeric

1	Kanthi	1996	Mydukur (SPS)
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2	Sobha	1996	Methala local (SPS)
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Aromatic & Medicinal Plants

1	Lemongrass- OD-19	1988	HY selection with high oil content
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2	Thippali-Viswam	1996	KAU-LPI (SPS)
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3	Aswani-1 (Asoka -medicinal tree)	2013	High bark yield 2.753 kg dry weight /plant) and high tannin content (3.30 %), Moderately resistant to stem borer.
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Chethi-koduveli

1	Mridhula	2006	Clonal selection. High root yield (2.94t/ha-dry) and low plumbagin content (0.22%). Can be used without curing in the preparation of indigenous medicines.
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2	Agni	2006	Clonal selection. High root yield (2.65t/ha-dry) and high plumbagin content (0.80%)..Suitable for the extraction of plumbagin.
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3	Swathi	2018	Plant height 95 cm, root length 61cm, girth 94 cm, 33 roots/ plant. Root yield 18.42 t/ha on fresh weight basis. Moderate plumbagin content of 0.51%. 18.42 t/ha (fresh root weight)
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Atalodakam

1	Ajagandhi	2006	Clonal selection. Medium tall plants with long and broad leaves and high vasicine content (2.46%). Average whole plant yield (dry)-12.37t/ha. Preferred for leaf crop.
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2	Vasika	2006	Clonal selection. Medium tall plants with narrow leaves and high proportion of roots & vasicine content (2.55%). Average whole plant yield (dry)-11.25t/ha. Preferred for root crop.
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Adapathyan

1	Jeeva	2006	Clonal selection. Purple cordate plant type with long internodes, high yield of thick, sweet roots (1.50t/ha dry root) with high soluble sugar content (8.33%).
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Mushroom

1	Oyster mushroom - Ananthan	1996	Natural flora
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2	Bheema	2015	HY pure white milky mushroom; average weight 485 g; ; biological efficiency of 109.71%
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Sugarcane

1	Madhuri	1990	CO 740 X CO 775 (H)
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2	Thirumadhiram	1992	CO 740 x CO 6806 (H)
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3	Madhurima	1996	CO 740 x CO 7318 (H)
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4	Madhumathi	1998	CO 63 X CO 740(HS)
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5	CoTI 1358	2015	Superior/ at par to National variety Co 86032; tolerant to water logging; Yield 120.17 t / ha
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6	CoTI 1153	2015	HY variety (118.61 t/ha); with high sugar content (18.29%), suited for Jaggery production; suitable for flood prone situations;
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Garcinea

1	Amrutham	2015	Compact res , golden yellow coloured global shaped fruits, av yield of 16.38 kg dry ring/ tree/year; mean HCA content 51.58%
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2	Haritham	2015	A HY Malabar tamarind ; spreading trees; golden yellow oblate fruits; good quality fruit rind; dry rind yield of 9.91 kg/ tree/ year; HCA content 52.99%
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3	Nithya	2018	Acidity 53.67 %; tannin 520 mg/100 g; driage 9.76 %, intensive branching with spreading canopy; 740 fruits/tree/year. Average fruit weight 88.25 g. Suitable for loamy to laterite soil. Dry Rind - 10.11 kg/tree; HCA -16.96 %
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Sesame

1	Kayamkulam-1	1972	HY variety suited for Onattukara region
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2	Thilothama	1987	PT-58-35 x KI (HS)
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3	ACV-1-Soma	1985	Punjab type (PS)
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4	ACV-2-Surya	1985	West Bengal type (PS)
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5	ACV-3-Thilak	1993	Muthukulam local (PS)
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6	Thilathara	1998	CST 785 X B 14(HS)
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Cowpea

1	Ptb 1-Kanakamony	1977	Kunnamkulam local (PS)
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2	Ptb 2-Krishnamani	1991	Kanakamony X Kozhingipayar (HS)
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3	KYM-1-Pournami	1993	KYM-1 (S)
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4	Shubhra	2001	
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5	Sreya	2010	Purple pods and purple streaks at the base of the petiole. Seeds biscuit coloured, Tolerant to leaf rust, aphids, pod borer and American serpentine leaf miner.
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6	Hridya	2010	Tolerant to leaf rust, aphids, pod borer and American serpentine leaf miner.
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Blackgram

1	KYM-I -Syama	1993	Introduction from Tamil Nadu
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2	Sumanjana	2001	HY selectiion
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Ground nut

1	Sneha	1998	IES 883 X JL 24 (Combination breeding)
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2	Snighda	1998	Dh(E)32 X JL 24 (Combination breeding)
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Banana

1	BRS-1	1998	Agniswar X Pisanglilin (H)
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2	BRS-2	1998	Vannan x Pisanglilin (H)
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Cocoa

1	CCRP-1	1998	Local population(SPS)
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2	CCRP-4	1998	Local population(SPS)
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3	CCRP-5	1998	Selection from germplasm IV
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4	CCRP-6	1998	Selection from germplasm VI
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5	CCRP-7	1998	Selection from germplasm VI
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6	CCRP-2	2001	Poly clonal selection for high yield
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7	CCRP-3	2001	Poly clonal selection for high yield
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8	CCRP 11	2015	Poly clonal selection for bold bean size and high yield
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9	CCRP 12	2015	Poly clonal selection for bold bean size and high yield
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10	CCRP 13	2015	Poly clonal selection for bold bean size and high yield
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11	CCRP 14	2015	Poly clonal selection for bold bean size and high yield
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12	CCRP 15	2015	Poly clonal selection for bold bean size and high yield
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Fodder Crops

Guinea grass

1	Haritha	1990	
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2	Marathakam	1993	FR-600(Mutation)
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3	Harithasree	2006	Selection from JHGG-96-3 High fodder yield (66.1t/ha/year) with better quality. Dark green leaves and high tillering.
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Bajra Napier hybrid

1	Suguna	2006	Composite 9 x FD 431 High fodder yield (283.7t/ha/year) with better quality. Palegreen leaf sheath with purplish pigmentation
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2	Supriya	2006	TNSC 4 x FD 471 High fodder yield (272.7t/ha/year) coupled with better quality. Pale green leaves with small hairs on both sides.
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Fodder cowpea

1	Aiswarya	2013	High Fodder yield, better quality , Crude protein content 18.5 %
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Rice bean (Fodder)

1	Surabhi	2013	High fodder yield, better quality, Crude protein content 18.9 %, crude fibre 20%
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Tuber Crops

Chinese Potato

1	Nidhi	2001	Clonal selection from NBPGR accession CP 79
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Sweet potato

1	ACV-1-Kanjangad	1992	Kanjanghad local (CS)
Cassava			
1	Nidhi	1996	Koombuvella (CS)
2	KMC-1-Kalpaka	1996	Ramanthala(CS)
3	Uthama	2018	Kottarakara Local, Erect growth habit, reddish brown stem growing to a height of 2.5 - 3.0 m, cylindrical tubers with light brown skin, white flesh and yield 3.97 kg/plant. Short duration (180 days); HCN 42.42 ppm; Starch 22.52%; fibre 1.05%; good cooking quality, suitable for upper Kuttanad region. Yield 56 t/ha
Greater yam			
1	Indu (KM-DA 1)	1998	TCR-5(IC-44209) (CS)
Coleus			
1	Suphala	2006	A tissue culture mutant derived from local cultivar. A high yielding (15.93t/ha) year round cultivable variety with a duration of 120-140days.
Orchids			
1	Deep blush	2006	Hybrid between D.Nagoya Pink x D.[Candy Stripe x Tomie Drake]. Long arching inflorescence with 9-10 flowers. Flowers are large, magenta coloured, double shaded and striped with full appearance.
2	Lemon Glow	2006	Hybrid between D.Chiangmai Pink x D. [Candy Stripe x Tomie Drake]. Long, arching inflorescence with 10-12 flowers. Flowers are medium large, flat, squarish in appearance, thick, glossy, light pink towards the outer side and greenish white towards the centre.
3	Master Delight	2006	Hybrid between D.Sonia -17 x D.[Candy Stripe x Tomie Drake]. Long, arching inflorescence with 10-12 flowers. Flowers are very thick, glossy and flat with pointed petals and sepals giving a stellar appearance. Flower colour is dark purple with very faint stripes and sepal tips are white.
4	Pink Cascade	2006	Hybrid between D. Nagoya Pink x D. [Candy Stripe x Tomie Drake]. Long, arching inflorescence with 8-10 flowers. Flowers are very thick, glossy, large, light pink with prominent dark pink stripes throughout.
5	Velvet Soft	2006	Hybrid between D. Rungnapa x D. [Candy Stripe x Tomie Drake]. Long, arching inflorescence with 10-12 flowers. Flowers are very thick, glossy, large, deep purplish magenta in colour and striped with white operculum and full appearance.

H - Hybrid; HS - Hybridisation and selection; SPS - Single plant selection; MS - Mass selection; PS - Pureline selection; CS - Clonal selection

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