

Division of Vegetable Crops
List of ICAR-IIHR Released Vegetable Varieties

| S. No. | Crop | Varieties/ Hybrid | Brief characteristics |
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| 1 | Tomato | 1. Arka Vikas | Open pollinated tomato variety for fresh market, fruits are medium large (80-90g), oblate with light green shoulder, develop deep red on ripening, suitable for both rain fed and irrigated conditions, yield potential 35 t/ha in 140 days |
| | | 2. Arka Saurabh | Open pollinated tomato variety for both fresh market and processing, fruits are medium large (70-80g), round with light green shoulder, deep red on ripening, firm with nipple tip, yield potential 30-35 t/ha in 140 days |
| | | 3. Arka Abha | Open pollinated tomato variety for fresh market, fruits are oblate with light green shoulder, possess stylar end scar, average fruit weight of 75g., develops deep red colour on ripening., resistant to bacterial wilt, yield potential 43 t/ha 140 days |
| | | 4. Arka Alok | Open pollinated variety bred for fresh market, fruits on the lower clusters are round & large (120g) and in later formed clusters oblong & medium size (80g), firm with light green shoulder, resistant to bacterial wilt, yield potential 46 t/ha in 130 days |
| | | 5. Arka Ashish | Open pollinated variety bred for processing, fruits oval, very firm, thick fleshed with 2 locules, excellent fruit colour (lycopene 10mg/100g), TSS 4.8%, tolerant to powdery mildew and fruit cracking, yield potential 38 t/ha in 130 days |
| | | 6. Arka Ahuti | Open pollinated variety bred for processing, fruits oblong with 2-3 locules, thick flesh, light green shoulder turning to dark attractive red at ripening stage, TSS 5.2%, yield potential 42 t/ha. in 140 days |
| | | 7. Arka Meghali | Open pollinated variety bred for fresh market, fruits medium size (65g), oblate with light green shoulder, turns deep red on ripening, suitable for rainfed cultivation, yield potential 18 t/ha in 125 days. |
| | | 8. Arka Samrat | High yielding F ₁ hybrid with triple disease resistance (ToLCV, BW and early blight), fruits oblate to high round, large (90-110g), deep red and firm, suitable for fresh market, yield potential 80-85 t/ha. in 140 days. |
| | | 9. Arka Rakshak | High yielding F ₁ hybrid with triple disease resistance (ToLCV, BW and early blight), fruits square round, large (90-100g), deep red colored, firm, suitable for fresh market and processing, yield potential 75-80 t/ha. in 140 days. |
| | | 10. Arka Abhed | High yielding F ₁ hybrid with multiple disease resistance (ToLCV, bacterial wilt, early blight and late blight (<i>Ph2</i> + <i>Ph3</i>) Plants are semi-determinate with dark green foliage, Fruits are firm, oblate round & |

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| | | | medium large (90-100g). Suitable for summer, <i>kharif</i> & <i>rabi</i> cultivation. Bred for fresh market & yields 70-75 t/ha in 140-150 days. |
| | | 11. Arka Vishesh | <p>It has the yield potential of 750-800 q/ha. It is suitable for processing into puree, paste, ketchup, sauce, tomato crush.</p> <ul style="list-style-type: none"> • TSS: 4- 4.6⁰ Brix • Colour value of crushed tomato juice (a/b, Hunter Lab scale): 1.98-2.12 • Average fruit weight: <u>70-75gm</u> • Acidity of crushed tomato juice: <u>0.32-0.36</u> • pH: 4.21-4.41 • Viscosity of juice: <u>14cm per 30 sec (Bostwick)</u> • Lycopene content: 8.5-10.5 mg/100g • Lycopene content in tomato paste: 14.14 mg/100g • Firmness: 4.09-5.41 kg/cm². • Seed content <u>0.4 to 0.5</u> and peel content: <u>5.96</u> |
| | | 12. Arka Apeksha | <p>It has the yield potential of 800-900 q/ha. It is suitable for processing into puree, paste, ketchup, sauce, tomato crush.</p> <ul style="list-style-type: none"> • TSS: 4- 4.7⁰ Brix • Colour value of crushed tomato juice (a/b, Hunter Lab scale): 1.96-2.09 • Average fruit weight: <u>75-80gm,</u> • Acidity of crushed tomato juice: 0.34 – 0.38 • pH: 4.12 – 4.40 • Viscosity of juice: <u>12.5 cm per 30 sec (Boswick)</u> • Lycopene content: 11.12-11.42 mg/100g • Lycopene content in tomato paste: 14.15 mg/100g • Firmness: 4.05-4.30 kg/cm². • Seed content <u>0.3%</u> and peel content: <u>8.97</u> |
| | | 13. Arka Aditya | <p>It is recommended for release for Zone-VIII by the AICRP on Vegetable Crops. It is a high yielding F1 hybrid with triple disease resistance to Tomato Leaf Curl Disease (<i>Ty2+Ty3</i>), bacterial wilt and early blight. Plants are semi-determinate with dark green foliage. Fruits are firm, deep red, oblate round, medium large (90-100g). Suitable for summer, <i>kharif</i> & <i>rabi</i> cultivation. Bred for fresh market & yield potential 60 to 70 t/ha in 140-150 days.</p> |

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| 2 | Brinjal | 14. Arka Anand | High yielding F ₁ hybrid with resistance to bacterial wilt. Fruits are green, medium long with excellent cooking quality. Yield: 55-60t/ha in 145-150 days |
| | | 15. Arka Kusumakar | Fruits are green small borne in clusters. Soft texture with good cooking quality. Yields 40 t/ha. In 140-150 days. |
| | | 16. Arka Shirish | Fruits are green, extra-long with solitary bearing habit. Yield: 39 t/ha. In 140-150 days. |
| | | 17. Arka Nidhi | Fruits are purple colour, tender with slow seed maturity with no bitterness. Resistant to bacterial wilt. Yields 48 t/ha. In 150 days |
| | | 18. Arka Keshav | Fruits with red purple glossy skin with green calyx. Fruits tender with slow seed maturity with no bitter principles. Resistant to bacterial wilt. Yields 45 t/ha. in 150 days |
| | | 19. Arka Neelkanth | Fruits tender with slow seed maturity with no bitter principles. Resistant to bacterial wilt. Yields: 43 t/ha. In 150 days |
| | | 20. Arka Avinash | High yielding bacterial wilt resistant variety. Plants tall and spreading. Fruits green long with fleshy green calyx. Very early in fruit maturity. Yields 40-42 t/ha in 95-115 days |
| | | 21. Arka Harshitha | High yielding bacterial wilt resistant variety. Fruits green long with fleshy green calyx. Early in fruit maturity Yields 36-38 t/ha in 120 days |
| | | 22. Arka Unnathi | High yielding bacterial wilt resistant variety. Fruits are medium green long with fleshy green calyx. Yield: 34-36 t/ha. in 90-110 days. |
| | | 23. Arka Neelanchal Shyama | It is an early variety, suitable for rabi season. Fruits are round and green with light purple shade, weighing up to 190-200g per fruit. It is moderately tolerant to Phomopsis blight and yields 34t/ha. |
| 3 | Chilli | 24. Arka Lohit | Plants tall, fruits 7-8x1cm, pendent, firm, dark green and turn red on maturity, smooth and highly pungent., suitable both for irrigated and rainfed cultivation, yield potential 75-80q (green) or 15-18q (dry) per acre. |
| | | 25. Arka Suphal | Plants medium tall & spreading, fruits green and turning red on maturity, smooth, medium long (6-7 x1cm), firm, pendent; pungent, tolerant to powdery mildew, yield potential yield potential 75-80q (green) or 12-15q (dry) per acre. |
| | | 26. Arka Abhir | Plants tall, fruits 8-10x1.5-2cm, green and turn deep red on maturity, wrinkled, medium pungent, yield potential 10-12q (dry) per acre. |

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| | | 27. Arka Harita | High yielding F ₁ hybrid, plants tall & erect, fruits 8-10x1.0cm, green and turn red on maturity, firm with mild wrinkles, highly pungent; tolerant to powdery mildew & chilli venal mottle virus, yield potential 80-100q green and 20-25q dry yield per acre, recommended for Karnataka state. |
| | | 28. Arka Meghana | High yielding chilli F ₁ hybrid, plants medium tall & spreading, dark green foliage, fruits 8-10x1.2cm, dark green and turn red on maturity, with medium wrinkles, medium pungent; tolerant to chilli venal mottle virus, yield potential 80-100q green and 20-25q dry yield per acre, recommended for major chilli growing states |
| | | 29. Arka Sweta | High yielding chilli F ₁ hybrid, plants medium tall & spreading, fruits 10-12x1.5-2cm, light green and turn red on maturity, smooth, low pungent; tolerant to cucumber mosaic virus, yield potential 80-100q green and 20-25q dry yield per acre |
| | | 30. Arka Khyati | High yielding chilli F ₁ hybrid, plants tall & spreading, fruits 10-12x1.2cm, light green and turn red on maturity, smooth and wrinkled on drying, low pungent; tolerant to cucumber mosaic virus, yield potential 80-100q green and 25-28q dry yield per acre |
| | | 31. Arka Neelanchal Prabha | Chilli variety suitable for both green and red chilli. Plants medium tall, fruits medium long, moderately tolerant to anthracnose and yields 10-12q dry chilli/ acre, recommended for Odisha State |
| | | 32. Arka Tejasvi | High yielding chilli F ₁ hybrid, plants medium tall & spreading, fruits pendent, 7-8 x 1-1.1 cm, firm, highly pungent, green and turn deep red on maturity, smooth turn to medium wrinkled on maturity, tolerant to chilli leaf curl virus, yield potential 30-35q dry chilli/ acre, recommended for eastern dry zone of Karnataka |
| | | 33. Arka Yashasvi | High yielding chilli F ₁ hybrid, plants tall & spreading, fruits pendent, 8-10 x 1.2 cm, firm, medium pungent, green and turn deep red on maturity, smooth turn to medium wrinkled on maturity, tolerant to chilli leaf curl virus, yield potential 30-35q dry chilli/ acre, recommended for eastern dry zone of Karnataka |
| | | 34. Arka Saanvi | High yielding chilli F ₁ hybrid suitable for green and dry chilli market, plants medium tall & spreading, fruits pendent, 7-8 x 1-1.2 cm, firm, medium pungent, green and turn red on maturity, smooth turn to medium wrinkled on maturity, tolerant to chilli leaf curl virus, yield potential 30-35q dry chilli/ acre, recommended for eastern dry zone of Karnataka |
| | | 35. Arka Tanvi | High yielding chilli F ₁ hybrid suitable for green and dry chilli market, plants tall & spreading, fruits pendent, 9-10 x 1cm, firm, medium pungent, green and turn deep red on maturity, smooth turn wrinkled on maturity, tolerant to chilli leaf curl virus, yield potential 80-100q green and 30-35q dry chilli/ acre, recommended for eastern dry zone of Karnataka |

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| | | 36. Arka Gagan | High yielding chilli F ₁ hybrid suitable for green chilli market, plants medium tall & spreading, fruits erect solitary, 8-9 x 1- 1.1cm, firm, highly pungent, green and turn red on maturity, smooth turn slightly wrinkled on maturity, tolerant to chilli leaf curl virus, yield potential 80-100q green chilli/ acre, recommended for eastern dry zone of Karnataka |
| 4 | Capsicum | 37. Arka Mohini | Determinate plant habit with dark green foliage, thick fleshed, 3-4 lobed dark green, blocky fruits, average fruit weight 150-180g, fruits pendent, turn red on ripening, yields 20t/ ha in 160 days. |
| | | 38. Arka Gaurav | Indeterminate plant habit with green foliage, thick fleshed, 3-4 lobed, green, blocky long fruits, average fruit weight 120-150g, fruits erect which turn orange yellow on ripening, yields 16t/ ha in 150 days. |
| | | 39. Arka Basant | Indeterminate plant habit with yellowish green foliage, thick fleshed, 2-3 lobed, conical fruits, average fruit weight 50-80g, fruits erect, cream coloured, which turn orange red on maturity, yields 15t/ ha in 180 days. |
| | | 40. Arka Athulya | Bell pepperF ₁ hybrid with powdery mildew tolerance, indeterminate plant habit with green foliage cover, suitable for <i>kharif</i> & <i>rabi</i> season cultivation under open field conditions, fruits firm, blocky with 3-4 lobes, medium size (100-120g), suitable for fresh green market and yields 35-40t/ ha in 140-150 days |
| 5 | Water-melon | 41. Arka Manik | Fruits are oval with light green rind to dark green stripes. Deep crimson flesh with granular texture, pleasant aroma, very sweet, TSS 12-15 ⁰ brix. Average fruit weight is 6 kg. Seeds small with dark brown specks on the test Triple resistant to powdery mildew, Downey mildew and anthracnose. Yield 60 t/ha. |
| | | 42. Arka Akash | High yielding F1 hybrid fruits are round to oval, Light green with dark green stripes, red flush and TSS-12 ⁰ brick. Yield in 75-80t/ha. |
| | | 43. Arka Aiswarya | High yielding F1 hybrid fruit are oblong with high TSS 12-13 ⁰ brcx. Red flush, sweet taste yield 80t/ha |
| | | 44. Arka Muthu | Shorter inter nodal length and early maturing type (75-80 days). It has round fruits with dark green stripes and deep red flesh ice box type average fruit weight is 2.5-3 kg with TSS ranging from 12 to 14 ⁰ Brix. Fruit yield 50 to 60 t/ha. Suitable for precision farming and also high density planting |
| | | 45. Arka Shyama | An icebox segment watermelon variety " ARKA SHYAMA " has dark greenish black rind, oblong fruit shape, early (65-70 days to harvest) possessing dark red coloured, crispy, sweet (TSS-12%) flesh. |
| 6 | Round melon | 46. Arka Tinda | Fruits round with lush green shining skin covered with soft hair when young and tender (60 g). Yield 10 t/ha. |
| 7 | Musk-melon | 47. Arka Jeet | Round but flat at both the ends. Skin colour dark green at early stage of fruit development, which turns into golden orange at full slip stage. Flesh white, medium texture, excellent flavor with high TSS (13- |

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| | | | 16%). Yield 14-15 t/ha. |
| | | 48. Arka Siri | Cantaloupe type fruit with an appealing pattern of netting, plus green sutures on creamish orange rind background, sweet (TSS 12%), dark-orange flesh and a strong, musky aroma. |
| 8 | Pumpkin | 49. Arka Suryamukhi | Fruits round with pressed ends. Rind colour orange red with white stripes when mature. Fruit stalk round with flared ends. Resistant to fruit fly. Yield 34 t/ha. |
| | | 50. Arka Chandan | Fruit round with pressed blossom end. Rind colour green with white patches. Thick orange flesh, solid cavity. Rich in carotene. Yield 33 t/ha. |
| 9 | Bush Squash | 51. Patty Pan | An introduction from USA. White, disc shaped fruits with notches along the margin. Fruit weight 350-400g. Duration 75-80 days. Yield 55 t/ha. |
| 10 | Bottle gourd | 52. Arka Bahar | Fruits medium long, straight without crookneck. Light green shining fruit skin when tender (1 kg). Tolerant to blossom end rot. Yield 40-45 t/ha. |
| | | 53. Arka Ganga (F1) | F ₁ hybrid Arka Ganga is resistant to gummy stem blight (<i>Didymella bryoniae</i>) with a yield potential of 58 t/ha. Fruits are green and oblong / oval. This hybrid will be ready to first picking by 56 days after planting. It is an open pollinated variety. |
| | | 54. Arka Shreya | Arka Shryas resistant to gummy stem blight (<i>Didymella bryoniae</i>) with yield potential of 48 t/ha. Fruits are green and club shape. This variety will be ready to first picking by 60 days. It is an open pollinated variety |
| | | 55. Arka Nutan | Arka Nutan is moderately resistant to gummy stem blight (<i>Didymella bryoniae</i>) with a yield potential of 46 t/ha. Fruits are light green medium cylindrical. This variety will be ready to first picking by 56 days. |
| 11 | Bitter gourd | 56. Arka Harit | Fruits spindle shaped, glossy green skin colour without tubercles. Medium-sized fruits, Thick flesh, moderate bitterness, with less seeds. Yield 12 t/ha. |
| 12 | Ridge gourd | 57. Arka Sujat | Lush green and tender, medium long (35-45 cm) fruits with prominent ridges and delicate aroma. Good transport and cooking qualities. Yield 53 t/ha. Recommended for cultivation in Karnataka. |
| | | 58. Arka Sumeet | Lush green and tender long fruits (50-65 cm) with prominent ridges and delicate aroma. Good transport and cooking qualities. Yield 50 t/ha. Recommended for cultivation in Karnataka. |
| | | 59. Arka Prasan | Open pollinated early variety (42-45 days for first picking), green, long, tender fruits, and excellent cooking quality. Yields 26.0 t/ha in 120-135 days. Recommended for cultivation in Karnataka. |

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| | | 59. Arka Vikram | Early flowering hybrid (46 days for first picking), green, long, tender fruits, and excellent cooking quality. Yields 34.0 t/ha in 120-135 days. Recommended for cultivation in Karnataka. |
| 13 | Okra | 60. Arka Abhay | Fruits lush green, tender and long. Fruits free from spines having delicate aroma. Good keeping and cooking qualities. Field tolerant to yellow vein mosaic virus (YVMV). Yield 18 t/ha. Fruits are suitable for fresh market and canning and dehydration |
| | | 61. Arka Anamika | Fruits lush green, tender and long. Fruits free from spines having 5-6 ridges, delicate aroma. Good keeping and cooking qualities. Field tolerant to YVMV. Yield 20 t/ha. Suitable for fresh market. |
| | | 62. Arka Nikitha | Early flowering first flower appears at 9 th node and take 37-39 days for flowering. First picking starts at 43-45 day after sowing. Fruits are dark green, tender, smooth free from spines. Yield 21-24t/ha in 125 to 130 days. |
| 14 | French Bean | 63. Arka Komal | Plants erect and bushy, photo-insensitive. Flat, green straight pods. Good for transportation and excellent cooking quality. Pod Yield: 20 t/ha in 70-75 days. |
| | | 64. Arka Suvidha | Plants bushy and photo insensitive. Pods straight, oval, light green, fleshy, string less and crisp. Pod Yield: 19 t/ha in 70-75 days. |
| | | 65. Arka Bold | Plants bushy and photo-insensitive. Pods flat string less, fleshy, crisp, extra-large and medium long. Resistant to rust. Pod Yield: 15 t/ha in 70-75 days. |
| | | 66. Arka Anoop | Plants bushy, photo-insensitive. Resistance to both rust and bacterial blight. Pods long, flat and straight. Pod Yield: 20 t/ha in 70-75 days. |
| | | 67. Arka Sharath | Plants are bushy and photo-insensitive. Round, string less, smooth pods suitable for steam cooking. Pods are crisp, fleshy with no parchment and perfectly round on cross section. Pod yield: 18.5 t/ha in 70 days. |
| | | 68. Arka Arjun | Plants are bushy, vigorous and photo-insensitive. Pods are green, stingless with smooth surface. Suitable for both <i>rabi</i> and summer. Resistant to <i>MYMV</i> disease. Pod Yield: 17 t/ha in 70 days. |
| | | 69. Arka Sukomal | High yielding rust resistant pole bean variety. Pods string less, oval, green and long (23 cm). Yield potential: 24 t/ha in 100 days. Suitable for both <i>kharif</i> & <i>rabi</i> seasons |
| 15 | Cowpea | 70. Arka Garima | Plants tall, photo-insensitive. Pods light green, long, thick, round, fleshy and stringless. Suitable for vegetable purpose. Tolerant to heat and low moisture stress. Pod Yield: 18 t/ha in 70-75 days. |
| | | 71. Arka Suman | Plants erect, bushy and photo-insensitive. Pods medium long, tender, fleshy, crisp, without parchment with good cooking qualities. Pod Yield: 18 t/ha in 70-75 days. |

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| | | 72. Arka Samrudhi | Plants erect, bushy and photo-insensitive. Pods green, medium thick, medium long round, tender, fleshy without parchment with good cooking qualities. Pod Yield: 19 t/ha in 70-75 days. |
| | Yard long bean | 73. Arka Mangala | Plants tall (3-4 m), pods are very long (80 cm), light green, stringless, round, tender with crisp texture and matures in 60 days. Suitable for kharif and rabi. Pod yield: 25 t/ha in 100 days. |
| 16 | Dolichos Bean | 74. Arka Jay | Bush type, photo-insensitive. Pods long, light green slightly curved, without parchment. Vegetable type with excellent cooking qualities. Tolerant to low moisture stress. Pod Yield: 12 t/ha in 90 days. |
| | | 75. Arka Vijay | Bush type photo-insensitive. Pods short, dark green. Seeds bold. Pods with characteristic aroma and without parchment. Tolerant to low moisture stress. Pod Yield: 12 t/ha in 90 days. |
| | | 76. Arka Soumya | Bush type, photo-insensitive. Pods are slender, wavy, medium long and ready for harvest in 55 days. Suitable for Andhra Pradesh. |
| | | 77. Arka Sambhram | Bush type photo-insensitive. Pods are flat, light green, medium long, ready for harvest in 55 days. Pod Yield: 19-20 t/ha in 75 days. |
| | | 78. Arka Amogh | Bush type photo-insensitive. Pods are wavy, green, medium long and ready for harvest in 55 days. Pod Yield: 19-20 t/ha in 75 days. |
| | | 79. Arka Swagath | Pole type and photo-insensitive variety and suitable for round the year cultivation. Pods are light green, medium long and suitable for Karnataka. Pod Yield: 26.0 t/ha in 120 days. |
| | | 80. Arka Prasadhi | Pole type and photo-insensitive variety. Pods are dark green, long, flat and slightly curved. Resistant to rust. Pod Yield: 37.0 t/ha in 120 days. |
| | | 81. Arka Bhavani | Pole type and photo-insensitive variety. Pods are slender, wavy and dark green coloured. Pod Yield: 32.0 t/ha in 120 days. |
| | | 82. Arka Visthar | Pole type and photo-insensitive variety. Pods are long, thick, very broad and dark green coloured. Pod Yield 37.0 t/ha in 120 days. |
| | | 83. Arka Pradhan | Pole type and photo-insensitive variety. Pods are green in colour, smooth and shiny with undulating surface. Pod Yield: 35.0 t/ha in 120 days. |
| | | 84. Arka Krishna | Pole type and photo-insensitive and early variety. Pods are borne in clusters and dark green colored. Pod Yield: 30.0 t/ha in 120 days. |
| | | 85. Arka Adarsh | Pole type and photo-insensitive variety. Pods are medium long, slightly thick, broad and dark green colored. Pod Yield: 41.0 t/ha in 120 days. |
| | | 86. Arka Supriya | The pods are light green, flat and long and bearing in clusters. It is Photo-sensitive and suitable for Rabi season only. Yield potential of 272.1 q/ha. |

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| 17 | Garden Pea | 87. Arka Ajit | Mid-season variety. Pods are medium long, light green coloured. Seeds are bold, green and sweet. Resistant to powdery mildew and rust. Pod Yield: 10.0 t/ha in 90 days. |
| | | 88. Arka Karthik | Mid-season variety. Pods are medium long, green colored. Seeds are medium bold, green and sweet. Resistant to rust and powdery mildew. Pod Yield: 11.0 t/ha in 90 days. |
| | | 89. Arka Sampoorna | Mid-season and Whole pod edible pea variety. Pods are medium long, light green coloured. Seeds are medium bold, light green and sweet. Resistant to rust and powdery mildew. Pod Yield: 8.0 t/ha in 90 days. |
| | | 90. Arka Priya | Mid-season variety. Both pods and seeds are round and dark green colored. Seeds are very sweet and bold. Resistant to powdery mildew and rust. Pod yield: 12.0 t/ha in 90 days. |
| | | 91. Arka Pramodh | Mid-season variety. Pods are green, broad and long. Seeds are bold, round, sweet and dark green in colour. Resistant to powdery mildew and rust. Pod yield: 12.0 t/ha in 90 days. |
| | | 92. Arka Apoorva | Mid-season and Whole pod edible pea variety. Pods are medium long, dark green coloured. Seeds are medium bold, dark green and very sweet, crisp in texture. Resistant to rust and powdery mildew. Pod yield: 11.0 t/ha in 90 days. |
| | | 93. Arka Nirmal | Early variety, suitable for both kharif and rabi. Pods are short, round and straight. Seeds are dark green and bold. Pod yield: 8.5 t/ha in 60 days. |
| | | 94. Arka Harini | Early variety, suitable for both kharif and rabi. Pods are straight and round with dark green, bold and sweet seeds. Pod yield: 8.0 t/ha in 60 days |
| | | 95. Arka Mayur | Early variety, suitable for both kharif and rabi. Pods are short, straight and oval. Seeds are dark green, bold and sweet. Pod yield: 8.0 t/ha in 60 days. |
| | | 96. Arka Tapas | Medium tall, mid-season variety, tolerant to high temperature (upto 35 ⁰ C). Pods are short and dark green coloured. Seeds are dark green, round in shape and sweet. Pod yield: 6.0 t/ha in 90 days. |
| | | 97. Arka Uttam | Tall, mid-season variety, tolerant to high temperature (up to 35 ⁰ C). Pods are long and dark green coloured. Seeds are dark green, round in shape and sweet. Pod yield: 7.0 t/ha in 90 days. |
| | | 98. Arka Chaitra | Tall, mid-season variety, tolerant to high temperature (upto 35 ⁰ C). Pods are long and light green coloured. Seeds are light green, round in shape and sweet. Pod yield: 7.0 t/ha in 90 days. |
| 18 | Radish | 99. Arka Nishant | Roots long, marble white in colour with crisp texture and mild pungency. Resistant to pithiness, premature bolting, root branching and forking. Yield 25-30 t/ha. |
| 19 | Carrot | 100. Arka Suraj | Flowers and sets seeds under tropical condition. Deep orange roots with self colour core. Smooth root surface. Conical shape. Root length 15-18 cm, root diameter 3-4 cm. TSS 8-10 brix. Carotene content 11.27 mg%. Tolerant to powdery mildew and nematodes. |
| 20 | Onion | 101. Arka Kalyan | Bulbs are attractive red, flat globe, weighing 100-140g. Tolerant to purple blotch disease. Very popular variety and well adopted variety for many agro ecological zones of the country, bulb yield 40t/ha. |

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| | | 102.Arka Niketan | Light red bulbs of medium size with pungent flavour. Good storability for 5 months under room temperature. Suitable for <i>rabi</i> Bulb yield is 34-37 t/ha |
| | | 103.Arka Pragati | Globe shaped bulbs with thin neck. Medium size bulbs with deep pink coloured outer scales and high pungency. Average bulbs weight: 100-160 g. Yield 35 t/ha. |
| | | 104.Arka Bindu | Highly pungent, export oriented rose onion variety. Exported to Malaysia, Singapore, Indonesia and Bangladesh. Bulbs are attractive shining dark red, flat globe. Suitable for <i>rabi</i> and <i>kharif</i> . Bulb yield: 25t/ha |
| | | 105.Arka Pitamber | Bulbs uniform yellow. Medium size with globe shape and thin neck. Less pungent with TSS 11% and total sugar 9.81%. Tolerant to purple blotch, basal rot diseases and trips with long shelf life (3-4 months). Suitable for export market. Yield 35 t/ha. |
| | | 106.Arka Kirhiman (F ₁) | CMS based F1 Hybrid Medium to big sized bulbs with globe shape. Field tolerance to diseases and pests. Suitable for <i>kharif</i> and <i>rabi</i> . Bulb yield: 45 t/ha. |
| | | 107.Arka Lalima (F ₁) | CMS based F1 Hybrid Medium to big sized bulbs with globe shape and firm texture. Field tolerance to diseases and pests. Suitable for <i>kharif</i> and <i>rabi</i> . Bulb yield: 47t/ha. |
| | | 108.Arka Swadista | White onion developed for fermented preservation with TSS 20 ⁰ brix. Bulb yield: 30 t/ha |
| | | 109.Arka Ujjwal | True seed multiplier onion developed for export market with TSS 18 ⁰ brix. Bulb yield: 30 t/ha |
| | | 110.Arka Vishwas | Rose onion developed for export market (Asia).Bulb yield: 30t/ha. |
| | | 110.Arka Sona | Yellow onion developed for export market for Asian countries. Bulb yield: 45t/ha in 120 days. |
| | | 111.Arka Bheem | It is a tri-parental synthetic variety with Red to pinkish red elongated globe shaped bulbs. Average bulb weight is 120 g. Yield 47t/ha in 130 days. Recommended for Karnataka. |
| | | 112.Arka Yojith | White onion variety developed for dehydration. Bulbs are flat globe shape, weight 60-80g, TSS 18-20%, dry matter content 18-20%, diameter 4.5-5cm. Bulb yield 25-30t/ha in 110-120days. |
| 21 | Amaranth | 113.Arka Suguna | Multi-cut Amaranth variety Light green leaves and succulent stem, rich in calcium and iron, moderately resistant to white rust, yields 25-30 t/ha in 8 cuttings in 90 days duration. Recommended for cultivation in Karnataka |
| | | 114.Arka Arunima | Fast growing multicut amaranth variety with purple colored leaves and stem. Resistant to white rust, yields 26-28 t/ha from 3 cuttings in 60 days duration. |
| | | 115.Arka Samraksha | It is a pulling type, rich in antioxidant activity (499 mg AEAC units), low in nitrates and oxalates, yields 10-12 t/ha in 30-35 days. Recommended for cultivation in Karnataka |

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| | | 116. Arka Varna | It is a pulling type, rich in antioxidant activity (417mg AEAC units), low in nitrates and oxalates, yields 10-12 t/ha in 30-35 days. Recommended for cultivation in Karnataka |
| 22 | Palak | 117. Arka Anupama | Multi-cut type, late flowering, medium large, dark green, thick and succulent leaves, low in oxalates, yields 40t/ha from 4 cuttings in 75-80 days. Recommended for cultivation in Karnataka. |
| 23 | Coriander | 118. Arka Isha | It is a multi-cut type, bushy plants, broad leaves, with good aroma, good keeping quality (21 days under refrigeration), rich in Vitamin C (167mg/100g FW), yields 12 t/ha in 3 cuttings in 70 days. |
| 24 | Ivy gourd | 119. Arka Neelachal Kunkhi | A dual-purpose (salad as well as cooked) early variety with high yield (20-25 t/ha). Fruits are extra-long (8.39 cm), weighing around 15-20g, uniform, cylindrical with attractive stripes. It produces around 800 fruits in a season with yield potential of 15-20 t/ha |
| | | 120. Arka Neelachal Sabuja | The plants are very vigorous (>10m long) and produce high biomass. Fruits are dark green in appearance with fractured stripe and conical in shape. It gives 70-80 harvest per season (10-11 months) and yield up to 20-25 t/ha |
| 25 | Pointed Gourd | 121. Arka Neelachal Kirti | Fruits are spindle shaped, dark green in colour with 3-4 fragmented stripes of cream colour and medium sized (10.45 x 3.5 cm) weighing around 40-45g with solid core. It has a yield potential of 15t/ha |
| 26 | Spine Gourd | 122. Arka Neelachal Shree | A high yielding variety has been developed through clonal selection from a large gene pool of spine gourd. It is a mid-early maturing variety starts flowering from 30-35 days after planting. Fruits are soft spiny and light green in colour which attracts premium price in the market. It shows moderate resistance to anthracnose and downy mildew. |
| | | 123. Arka Neelachal Shanti | It is developed through hybridization between spine gourd and teasel gourd, naturally pollinated, high yielding (15-16 kg/vine) with medium sized fruit (20g), moderately tolerant to fruit borer, anthracnose and downy mildew. It was released by SVRC, Govt. of Odisha in 2016 |
| 27 | Teasle Gourd | 124. Arka Neelachal Gaurav | Fruits are attractive, uniform lush green round-oval fruit with soft seed and high-quality edible portion for culinary purposes and soft seeded. It is reported to be tolerant to downy mildew and anthracnose. It yields 18-20 t/ha |
| | | 125. Arka Bharath | High yielding Teasel gourd variety. It is vigorous growing plant, vine grows up to 6m tall and robust. Fruits are attractive dark green, long and fruit with soft seed and high quality edible pulp portion for culinary purpose. Individual fruit weight in 110g. yield 10t/ha. |