

HD/LD Released in	Species Latin name	Common name	HD	LD	RT	Region	Plant Type	Climatic Zone	Biomes	Hardiness Zone
2019 Q1	Adansonia digitata	African continental baobab	x	x	x	Africa	Broadleaf tree	Subtropical,Tropical	Savana	10 to 12
2019 Q1	Aesculus pavia	Dwarf red horse chestnut	x	x		North America	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean,Subtropical	Forest	5 to 9
2019 Q1	Aesculus x carnea	Red horse chestnut	x	x		North America,Europe	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean,Subtropical	Horticultural	5 to 9
2019 Q1	Bauhinia blakeana	Hong Kong orchid tree	x	x	x	Asia	Broadleaf tree	Subtropical,Tropical	Forest	10 to 12
2019 Q1	Delonix regia	Royal poinciana	x	x	x	Africa	Broadleaf tree	Subtropical,Tropical	Savana	11 to 12
2019 Q1	Vachellia tortilis	Umbrella acacia	x	x		Africa,Middle East	Broadleaf tree	Subtropical,Tropical	Savana,Desert	10 to 12
2019 Q2	Koeleruteria bipinnata	Chinese flame tree	x	x	x	Asia	Broadleaf tree	Warm temperate,Mediterranean,Subtropical,Tropical	Forest	8 to 11
2019 Q2	Melia azedarach	Chinaberry tree	x	x		Asia	Broadleaf tree	Warm temperate,Mediterranean,Subtropical,Tropical	Savana,Forest	8 to 12
2019 Q2	Plumeria rubra pink	Frangipani tree	x	x		North America	Broadleaf tree	Mediterranean,Subtropical,Tropical	Savana,Scrubland	10 to 12
2019 Q3	Citrus x aurantium	Sour orange	x	x		Asia	Broadleaf tree	Mediterranean,Subtropical,Tropical	Horticultural,Agricultural	9 to 12
2019 Q3	Citrus x limon	Lemon tree	x	x		Asia	Broadleaf tree	Mediterranean,Subtropical,Tropical	Horticultural,Agricultural	9 to 12
2019 Q3	Ficus carica	Common fig tree	x	NA		Africa,Europe,Middle East,Asia	Broadleaf tree	Warm temperate,Mediterranean,Subtropical	Savana,Scrubland,Agricultural	7 to 10
2019 Q3	Jacaranda mimosifolia	Blue jacaranda	x	NA	x	South America	Broadleaf tree	Mediterranean,Subtropical,Tropical	Forest,Savana	9 to 11
2019 Q4	Picea abies	Norway spruce	x	x		Europe	Coniferous	Cold temperate,Warm temperate	Forest	2 to 8
2019 Q4	Sequoiadendron giganteum	Giant sequoia	NA	x	x	North America	Coniferous	Warm temperate	Forest	6 to 8
2019 Q4	Thuja plicata	Western red cedar	x	x	x	North America	Coniferous	Cold temperate,Warm temperate	Forest	5 to 8
2019 Q4	Tsuga mertensiana	Mountain hemlock	x	x		North America	Coniferous	Cold temperate,Warm temperate	Forest	5 to 8
2019 Q1	Brugmansia x insignis	Magnificent angel's trumpet	x	x		South America	Bush	Mediterranean,Subtropical,Tropical	Forest	9 to 12
2019 Q1	Choisya ternata	Mexican orange blossom	x	x	x	North America	Bush	Warm temperate,Mediterranean,Subtropical,Tropical	Savana	7 to 11
2019 Q1	Duranta repens	Golden dewberry	x	x	x	South America	Bush	Mediterranean,Subtropical,Tropical	Savana,Forest	10 to 12
2019 Q1	Ixora chinensis red	Chinese jungle geranium	x	x	x	Asia	Bush	Subtropical,Tropical	Forest	10 to 12
2019 Q1	Loropetalum chinense var rubrum	Chinese fringe flower	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Forest	9 to 11
2019 Q2	Hedera helix 'Erecta'	Green ivy bushy	x	x		Europe,Asia,Africa	Bush	Cold temperate,Warm temperate,Mediterranean,Subtropical,Tropical	Horticultural	5 to 11
2019 Q2	Plectranthus scutellarioides 'Vulcan'	'Vulcan' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2019 Q3	Callistemon laevis	Bottlebrush laevis	x	x	x	Australia	Bush	Mediterranean,Subtropical,Tropical	Savana,Scrubland	8 to 11
2019 Q3	Callistemon rigidus	Bottlebrush rigidus	x	x	x	Australia	Bush	Mediterranean,Subtropical,Tropical	Savana,Scrubland	7 to 11
2019 Q3	Callistemon viminalis 'Little John'	Dwarf bottlebrush	x	x	x	Australia	Bush	Mediterranean,Subtropical,Tropical	Savana,Scrubland	8 to 11
2019 Q3	Hibiscus rosa-sinensis	Chinese hibiscus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	8 to 12
2019 Q3	Malvastrum penduliflorum	Turk's cap mallow	x	x	x	North America	Bush	Mediterranean,Subtropical,Tropical	Forest	9 to 11
2019 Q4	Lupinus arboreus	Yellow bush lupine	x	x		North America	Bush	Warm temperate,Mediterranean,Subtropical	Scrubland	7 to 10
2019 Q4	Tamarix gallica	French tamarisk	x	NA		Europe,Africa,Middle East	Bush	Cold temperate,Warm temperate,Mediterranean	Scrubland	4 to 8
2019 Q2	Hedera helix wall climber green	Green ivy wall climber	x	x		Europe,Asia,Africa	Climber	Cold temperate,Warm temperate,Mediterranean,Subtropical,Tropical	Forest	5 to 11
2019 Q1	Arachis duranensis	Peanut plant	x	x	x	South America	Ground cover	Mediterranean,Subtropical,Tropical	Savana	9 to 12
2019 Q2	Hedera helix ground cover green	Green ivy ground cover	x	x	x	Europe,Asia,Africa	Ground cover	Cold temperate,Warm temperate,Mediterranean,Subtropical,Tropical	Forest	5 to 11
2019 Q1	Archontophoenix alexandrae	Alexander palm	x	x	x	Australia	Palm	Subtropical,Tropical	Forest	10 to 12
2019 Q1	Butia capitata	Jelly palm	x	x	x	South America	Palm	Mediterranean,Subtropical,Tropical	Savana	8 to 11
2019 Q1	Chamaerops humilis	Mediterranean fan palm	x	x	x	Europe,Africa	Palm	Warm temperate,Mediterranean,Subtropical,Tropical	Scrubland	8 to 11
2019 Q1	Cycas revoluta	Japanese sago palm	x	x	x	Asia	Palm	Mediterranean,Subtropical,Tropical	Forest	9 to 12
2019 Q1	Washingtonia filifera	California fan palm	x	x	x	North America	Palm	Mediterranean,Subtropical,Tropical	Desert,Scrubland	9 to 11
2019 Q2	Rhapis excelsa	Bamboo palm	x	x	x	Asia	Palm	Mediterranean,Subtropical,Tropical	Forest	10 to 12
2019 Q2	Trachycarpus fortunei	Windmill palm	x	x	x	Asia	Palm	Warm temperate,Mediterranean,Subtropical	Forest	7 to 11
2019 Q3	Phoenix canariensis	Canary Island date palm	x	x	x	Africa	Palm	Mediterranean,Subtropical,Tropical	Savana,Scrubland,Desert	8 to 11
2019 Q3	Washingtonia robusta	Mexican fan palm	x	x	x	North America	Palm	Mediterranean,Subtropical,Tropical	Desert,Scrubland	9 to 11
2019 Q4	Hyophorbe lagenicaulis	Bottle palm	x	x	x	Oceania	Palm	Tropical	Forest	10 to 11
2019 Q1	Canna x generalis orange	Canna lily	x	x	x	South America	Perennial	Warm temperate,Mediterranean,Subtropical,Tropical	Grassland,Wetland	9 to 12
2019 Q1	Crinum asiaticum	Spider lily	x	x	x	Asia	Perennial	Tropical,Subtropical	Forest	10 to 12
2019 Q1	Zantedeschia aethiopica	White arum lily	x	x	x	Africa	Perennial	Warm temperate,Mediterranean,Subtropical,Tropical	Grassland,Wetland	8 to 11
2019 Q3	Juncus rigidus	Sea rush	x	NA	x	Europe,Africa,Middle East	Grass	Mediterranean,Subtropical	Desert,Grassland,Wetland	8 to 11
2019 Q4	Bellis perennis	Common daisy	x	x		Europe,Asia	Perennial	Cold temperate,Warm temperate	Grassland	4 to 9
2019 Q4	Lupinus polyphyllus	Large-leaved lupine	x	x		North America	Perennial	Cold temperate,Warm temperate	Grassland	5 to 9
2019 Q4	Juncus effusus 'Spiralis'	Corkscrew rush	x	NA		Africa,Asia,Europe,North America,Middle East	Grass	Cold temperate,Warm temperate	Horticultural,Wetland	2 to 9
2019 Q2	Carnegiea gigantea	Saguaro cactus	x	x		North America	Succulent	Mediterranean,Subtropical,Tropical	Desert	9 to 11
2019 Q2	Cordylone australis	Cabbage tree	x	x		Oceania	Succulent	Warm temperate,Mediterranean,Subtropical,Tropical	Scrubland,Forest	8 to 11
2019 Q2	Echinocactus grusonii	Golden barrel cactus	x	x	x	North America	Succulent	Mediterranean,Subtropical,Tropical	Desert	9 to 12
2019 Q2	Yucca brevifolia	Joshua tree	x	x		North America	Succulent	Mediterranean,Subtropical,Tropical	Desert,Scrubland	7 to 10
2019 Q2	Yucca elephantipes	Spineless yucca	x	x		North America	Succulent	Mediterranean,Subtropical,Tropical	Desert,Scrubland	7 to 10
2019 Q2	Yucca rostrata	Beaked yucca	x	x		North America	Succulent	Warm temperate,Mediterranean,Subtropical,Tropical	Desert,Scrubland	7 to 10
2019 Q3	Beaucarnea recurvata	Elephant Foot	x	x		North America	Succulent	Mediterranean,Subtropical,Tropical	Savana	9 to 12
2019 Q3	Dracaena draco	Dragon tree	x	x		Africa	Succulent	Subtropical,Tropical	Savana,Scrubland,Desert	9 to 12
2019 Q3	Euphorbia candelabrum	Candelabra tree	x	x	x	Africa	Succulent	Mediterranean,Subtropical,Tropical	Desert,Savana	9 to 12
2020 Q2	Picea engelmannii	Engelmann spruce	x	x		North America	Coniferous	Cold temperate	Forest	2 to 5
2020 Q2	Picea pungens	Colorado Blue spruce	x	x		North America	Coniferous	Cold temperate	Forest	3 to 7
2020 Q2	Picea pungens 'Koster'	Colorado Blue spruce 'Koster'	x	x		North America	Coniferous	Cold temperate	Horticultural	3 to 7
2020 Q2	Picea pungens 'Glauca Globosa'	Colorado Blue spruce 'Glauca Glc	x	x		North America	Coniferous	Cold temperate	Horticultural	3 to 7
2020 Q2	Picea abies 'Maxwellii'	Maxwell's Norway spruce	x	x		Europe	Coniferous	Cold temperate	Horticultural	2 to 7
2020 Q2	Picea abies 'Nidiformis'	Bird's Nest spruce	x	x		Europe	Coniferous	Cold temperate	Horticultural	2 to 7
2020 Q2	Picea mariana	Black spruce	x	x		North America	Coniferous	Cold temperate	Forest	2 to 5
2020 Q2	Picea mariana 'Ericoides'	Blue Nest spruce	x	x		North America	Coniferous	Cold temperate	Horticultural	2 to 5
2020 Q2	Vinca minor	Dwarf periwinkle	x	x	x	Europe,Asia	Perennial	Cold temperate,Warm temperate,Mediterranean,Subtropical	Forest	3 to 9
2020 Q2	Chamerion angustifolium	Fireweed	x	x		North America,Europe,Asia	Perennial	Cold temperate,Warm temperate	Grassland	2 to 7

2020 Q2	Blechnum spicant	Deer fern	x	x		North America,Europe,Asia	Perennial	Cold temperate,Warm temperate	Grassland,Forest	5 to 8
2020 Q2	Asplenium scolopendrium	Hart's tongue fern	x	x		North America,Europe,Asia	Perennial	Cold temperate,Warm temperate,Subtropical	Forest	4 to 9
2020 Q2	Thuidium tamariscinum	Tamarisk moss	x	x		North America,Europe,Asia	Perennial	Cold temperate,Warm temperate	Forest	5 to 8
2020 Q2	Polytrichum commune	Common haircap moss	x	x		North America,Europe,Asia	Perennial	Cold temperate,Warm temperate,Subtropical	Forest	4 to 9
2020 Q2	Phalaris arundinacea	Reed canary grass	x	x		North America,Europe,Asia	Grass	Cold temperate,Warm temperate,Subtropical	Grassland,Agricultural,Wetland	4 to 9
2020 Q3	Festuca arundinacea	Tall fescue	x	x		North America,Europe,Asia	Grass	Cold temperate,Warm temperate,Subtropical	Grassland,Agricultural	4 to 9
2020 Q3	Festuca gautieri	Spiky fescue	x	x		Europe	Grass	Cold temperate,Warm temperate	Grassland,Horticultural	4 to 8
2020 Q3	Festuca glauca	Blue fescue	x	x		Europe	Grass	Cold temperate,Warm temperate	Grassland,Horticultural	4 to 8
2020 Q3	Festuca rubra	Red fescue	x	x		North America,Europe,Asia	Grass	Cold temperate,Warm temperate,Mediterranean	Grassland,Agricultural	4 to 8
2020 Q3	Lolium perenne	English ray grass	x	x		North America,Europe,Asia,South America,Middle East	Grass	Cold temperate,Warm temperate,Mediterranean,Subtropical	Grassland,Agricultural	4 to 9
2020 Q3	Generic grass lawn	Generic grass and lawn engine	x	x		North America,Europe,Asia,South America,Middle East	Grass	Cold temperate,Warm temperate,Mediterranean,Subtropical,Tropical	Grassland,Agricultural,Forest,Unde	4 to 10
2020 Q3	Olea europaea	Olive tree	x	x	x	Africa,Europe,Middle East	Broadleaf tree	Warm temperate,Mediterranean,Subtropical	Agricultural,Forest,Savana	8 to 10
2020 Q3	Olea europaea ornamental	Ornamental Olive tree	x	x	x	Africa,Europe,Middle East	Broadleaf tree	Warm temperate,Mediterranean,Subtropical	Agricultural,Forest,Savana	8 to 10
2020 Q3	Eucalyptus camaldulensis	Red river gum	x	x	x	Australia	Broadleaf tree	Mediterranean,Subtropical,Tropical	Forest,Savana,Wetland	9 to 11
2020 Q3	Strelitzia reginae	Bird of paradise	x	x	x	Africa	Perennial	Mediterranean,Subtropical,Tropical	Savana,Scrubland	10 to 12
2020 Q3	Eucalyptus viminalis	Manna gum	x	x	x	Australia	Broadleaf tree	Mediterranean,Subtropical,Tropical	Forest,Savana	9 to 11
2020 Q3	Strelitzia juncea	Narrow leaved bird of paradise	x	x	x	Africa	Perennial	Mediterranean,Subtropical,Tropical	Savana,Scrubland	10 to 12
2020 Q3	Eucalyptus leaf litter	Generic gum leaf litter	x	NA		Australia	Broadleaf tree	Mediterranean,Subtropical,Tropical	Forest,Savana	9 to 11
2021.1	Plectranthus scutellarioides	Green coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Fairway Mosa	'Fairway Mosaic' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Fairway Yello	'Fairway Yellow' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Kong Rose'	'Kong Rose' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Premium Sun	'Premium Sun Dark Chocolate' co	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Saturn'	'Saturn' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Wizard Jade'	'Wizard Jade' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Plectranthus scutellarioides 'Wizard Velv	'Wizard Velvet Red' coleus	x	x	x	Asia	Bush	Mediterranean,Subtropical,Tropical	Horticultural	10 to 12
2021.1	Quercus rubra	Northern red oak	x	x	x	North America	Broadleaf tree	Cold temperate,Warm temperate	Forest	3 to 7
2021.1	Eucalyptus pauciflora	Snow gum	x	x	x	Australia	Broadleaf tree	Warm temperate,Mediterranean	Forest,Scrubland	7 to 10
2021.1	Opuntia ficus-indica	Barbary fig	x	x	x	North America	Succulent	Mediterranean,Subtropical,Tropical	Desert,Savana	9 to 12
2021.1	Quercus rubra leaf litter	Northern red oak leaf litter	x	NA		North America	Broadleaf tree	Cold temperate,Warm temperate	Forest	3 to 7
2021.1	Quercus rubra seedlings	Northern red oak seedlings	x	NA		North America	Broadleaf tree	Cold temperate,Warm temperate	Forest	3 to 7
2021.1	Quercus rubra branch	Northern red oak branch	x	NA		North America	Broadleaf tree	Cold temperate,Warm temperate	Forest	3 to 7
2021.2	Adonidia merrillii	Christmas palm	x	x		Asia	Palm	Tropical	Forest	10 to 12
2021.2	Dypsis lutescens	Butterfly palm	x	x		Africa	Palm	Tropical	Forest	10 to 12
2021.2	Phoenix dactylifera	Date palm	x	x	x	Africa,Middle East	Palm	Mediterranean,Subtropical,Tropical	Desert,Savana,Agricultural	9 to 12
2021.2	Roystonea regia	Royal palm	x	x		North America	Palm	Subtropical,Tropical	Forest	10 to 12
2021.2	Nymphaea alba	White water lily	x	x		Europe,Asia,Africa	Perennial	Cold temperate,Warm temperate,Mediterranean,Subtropical,Tropical	Wetland	3 to 11
2021.2	Nelumbo nucifera	Sacred lotus	x	x		Asia	Perennial	Mediterranean,Subtropical,Tropical	Wetland	8 to 12
2021.2	Populus nigra	Black poplar	x	x		Europe,Asia,Africa,Middle East	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean	Forest,Wetland	6 to 10
2021.2	Populus nigra 'Italica'	Lombardy poplar	x	x		Europe,Asia,Africa,Middle East	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean	Forest,Wetland	6 to 10
2021.2	Quercus palustris	Swamp oak	x	x		North America	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean	Forest,Wetland	3 to 10
2021.2	Quercus palustris 'Green Pillar'	Columnar swamp oak	x	x		North America	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean	Horticultural	3 to 10
2021.3	Salix alba	White willow	x	x		Europe,Middle East,Africa	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean	Forest,Wetland	4 to 8
2021.3	Salix babylonica	Weeping willow	x	x		Asia	Broadleaf tree	Cold temperate,Warm temperate,Mediterranean	Wetland,Horticultural	4 to 10
2021.3	Salix elaeagnos	Rosemary willow	x	x		Europe,Middle East,Africa	Bush	Cold temperate,Warm temperate,Mediterranean	Wetland,Horticultural	4 to 9
2021.3	Nelumbo lutea	American lotus	x	x		North America	Perennial	Warm temperate,Mediterranean,Subtropical Tropical	Wetland	6 to 10
2021.3	Equisetum hyemale	Scouring rush	x	x		Europe,North America,Asia,Africa,Middle East	Perennial	Cold temperate,Warm temperate,Mediterranean	Forest,Wetland,Grassland	4 to 9
2021.3	Equisetum telmateia	Giant horsetail	x	x		Europe,North America,Asia,Africa,Middle East	Perennial	Cold temperate,Warm temperate,Mediterranean	Forest,Wetland,Grassland	4 to 9
2021.3	Phragmites australis	Common reed	x	x		Europe,North America,Asia,Africa,Middle East,South A	Grass	Cold temperate,Warm temperate,Mediterranean,Subtropical,Tropical	Wetland	4 to 10
2021.3	Typha latifolia	Common cattail	x	x		Europe,North America,Asia,Africa,Middle East,South A	Grass	Cold temperate,Warm temperate,Mediterranean,Subtropical	Wetland	3 to 10
2021.3	Cyperus papyrus	Papyrus sedge	x	x		Africa,Middle East	Grass	Mediterranean,Subtropical,Tropical	Wetland,Horticultural	9 to 12
2021.3	Cyperus alternifolius	Umbrella sedge	x	x		Africa	Grass	Warm temperate,Mediterranean,Subtropical,Tropical	Wetland,Horticultural	8 to 12