

Approved Plant List

An installation's approved plant list identifies readily available and proven plant material for use in facility landscape design. Selected plant materials should complement and reinforce the installation architectural theme. The Cannon AFB Approved Plant List documents trees, shrubs, perennials, grasses and groundcovers for use in landscape development projects. As the backbone of installation planting design, the list provides designers with a palette of desirable plant material that possess the following characteristics:

- Hardy and relatively pest-free
- Regionally native or indigenous
- Minimal maintenance and irrigation
- Readily available

The enclosed list is not intended to be static. Regular review and modification is recommended as new plants are being released all the time. It is important to note, that changes to the list must be made by qualified individuals with extreme care. Just because a plant "works" in a local area or region does not make it worthy of being on an installation's approved list. According to the map below, Cannon AFB is in Zone 6b with the average annual minimum temperature range of -5 to 0 degrees F (-17.8 to -20.5 C).

Botanical Name	Common Name	Native / Indigenous	Evergreen / deciduous	Mature height (feet)	Mature width (feet)	Min. planting size	Irrigation requirements	Barrier	Screen	Accent	Street tree	AT/FP	Golf course
<i>Trees</i>													
<i>Acacia farnesiana</i>	Huisache	N	ED	25	25	15	L			◆		◆	
<i>Acer glabrum 'Neomexicanum'</i>	Rocky Mtn. maple	N	D	35	30	3"	M				◆	◆	◆
<i>Cercis canadensis</i>	Eastern redbud	I	D	20	20	15	ML			◆		◆	◆
<i>Chilopsis linearis</i>	Desert willow	N	D	20	15	15	ML				◆	◆	
<i>Cupressus arizonica</i>	Arizona cypress	N	E	65	45	15	L		◆				◆
<i>Fraxinus velutina 'Modesto'</i>	Modesto Ash	N	D	50	40	5	M				◆	◆	◆
<i>Juniperus deppeana</i>	Alligator juniper	N	E	20	15	15	L	◆	◆				◆
<i>Juniperus scopulorum</i>	Rocky Mtn. juniper	N	E	35	15	15	L	◆	◆				◆
<i>Magnolia grandiflora</i>	Southern magnolia	I	E	50	30	15	M		◆				
<i>Picea pungens</i>	Blue spruce	N	E										

<i>Pinus edulis</i>	Pinon pine	N	E	15	10	15	L		◆			◆	
<i>Pinus eldarica</i>	Afghan pine	I	E	45	25	15	L	◆	◆		◆		◆
<i>Pinus thunbergiana</i>	Japanese black pine	I	E	20	15	15	M			◆		◆	
<i>Platanus acerifolia</i>	London plane tree	I	D	65	65	5	M				◆	◆	◆
<i>Prunus cerasifera</i>	Purpleleaf plum	I	D	25	25	15	M					◆	
<i>Quercus shumardii</i>	Shumard red oak	I	D	50	40	15	L					◆	◆
<i>Quercus texanum</i>	Texas oak	I	D	25	25	15	L				◆	◆	
<i>Salix matsudana</i> 'Navabo'	Globe Navajo Willow	I	D	20	20	5	M						◆
<i>Shrubs</i>													
<i>Aucuba japonica</i>	Aucuba	I	E	4	5	1	M		◆	◆			
<i>Berberis fendleri</i>	Colorado barberry	N	E	6	6	5	M	◆			◆		
<i>Berberis thunbergii</i>	Japanese barberry	I	ED	3	4	5	M	◆			◆	◆	
<i>Buxus japonicum</i>	Japanese boxwood	I	E	4	4	1	L		◆		◆		
<i>Cercocarpus montanus</i>	Mountain Mahogany	N	D	12	12	5	L		◆				
<i>Cotoneaster spp.</i>	Cotoneaster	I	ED	V	V	5	M				◆		
<i>Dasyliirion wheeleri</i>	Sotol/Desert Spoon	N	E	12	8	5g	L	◆	◆	◆	◆	◆	◆
<i>Ericameria laricifolia</i>	Turpentine bush	N	E	3	2	1	L					◆	
<i>Fouquieria splendens</i>	Ocotillo	N	D	15	15	7	L			◆	◆	◆	
<i>Gaura coccinea</i>	Scarlet gaura	N	E	3	2	1	L					◆	
<i>Hesperaloe parviflora</i>	Red yucca	I	E	3	4	1	L				◆	◆	
<i>Ilex vomitoria</i>	Yaupon holly	N	E	15	15	5	L		◆		◆		◆
<i>Juniperus chinensis</i> 'Armstrong'	Armstrong juniper	I	E	5	5	5	L	◆	◆		◆		
<i>Juniperus chinensis</i> 'Pfitzerana'	Pfitzer juniper	I	E	5	6	5	L	◆	◆		◆		
<i>Juniperus chinensis</i> 'Sea Green'	Sea green juniper	I	E	6	8	5	L	◆	◆		◆		
<i>Mabonia haematocarpa</i>	Algerita	N	E	5	5	5	L	◆	◆	◆	◆		
<i>Mabonia repens</i>	Creeping mahonia	N	E	1	1.5	5	L			◆		◆	
<i>Nandina domestica spp.</i>	Heavenly bamboo	I	E	V	V	1	L	◆	◆	◆	◆		
<i>Raphiolepis indica spp.</i>	Indian hawthorn	I	E	V		5	M						
<i>Rosa banksiae</i>	Tombstone rose	I	ED	12	V	1	L			◆			
<i>Salvia greggii</i>	Autumn sage	N	E	3	3	1	L			◆		◆	
<i>Salvia spp.</i>	Sage varieties	NI	E	3	3	1	L			◆	◆	◆	
<i>Sophora secundiflora</i>	Texas mntn laurel	N	E	15	15	15	L		◆			◆	◆
<i>Spirea spp.</i>	Bridal wreath, etc.	I	ED	V	V	5	M		◆	◆			
<i>Viburnum opulus</i> 'Roseum'	Snowball	I	D	10	12	5	M		◆				
<i>Yucca elata</i>	Soaptree	N	E			1	L	◆		◆		◆	
<i>Yucca recurvifolia</i>	Pendulous yucca	I	E			1	L	◆		◆		◆	

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<i>Perennials</i>													
<i>Baileya multiradiata</i>	Desert marigold	N				1							
<i>Aquilegia spp.</i>	Colorado columbine	N				1							
<i>Ratibida columnifera</i>	Coneflower	N				1							
<i>Hemerocallis spp.</i>	Daylily	I				1							
<i>Castilleja integra</i>	Indian paintbrush	N				1							
<i>Psilostrophe tagetina</i>	Paperflower	N				1							
<i>Penstemon spp.</i>	Penstemon	N				1							
<i>Groundcovers</i>													
<i>Dalea greggii</i>	Gregg Dalea	N	E	.75	3	1	L			◆		◆	
<i>Euonymus fortunei</i>	Creeping euonymus	I	E	.75	2	1	L			◆		◆	
<i>Juniperus horizontalis</i> 'Bar Harbor'	Bar Harbor juniper	I	E	1.5	3	3	L				◆		
<i>Juniperus horizontalis</i> 'Wiltonii'	Wilton carpet juniper	I	E	1	3	3	M					◆	
<i>Juniperus sabina</i> 'Broadmoor'	Broadmoor juniper	I	E	2	5	5	M	◆			◆		
<i>Juniperus sabina</i> 'Tamariscifolia'	Tam juniper	I	E	3	5	5	M	◆			◆		
<i>Sedum spp.</i>	Stonecrop	NI	E	.75	2	1	L			◆		◆	
<i>Grasses</i>													
<i>Bouteloua gracilis</i>	Blue grama	N										◆	◆
<i>Buchloe dactyloides</i>	Buffalo grass	N									◆	◆	◆
<i>Cynodon dactylon</i>	Bermuda grass	I	D								◆	◆	◆
<i>Cynodon spp. hybrids</i>	Tifdwarf, Tifsport, etc.	I	D								◆	◆	◆
<i>Festuca caesia</i>	Blue fescue	I	E									◆	◆

<i>Aristida longiseta</i>	Purple threeawn	N	ED									◆	◆
<i>Festuca caesia</i>	Blue fescue	I	E							◆		◆	◆
<i>Aristida longiseta</i>	Purple threeawn	N	ED							◆		◆	◆

Approved Inert Material List

Inert materials such as gravel, decomposed granite or river run stone are commonly used in the landscape with the intent of lowering maintenance and improving aesthetics. When properly incorporated, these materials work well to create an efficient, economical, and aesthetic design solution. The difficulty arises when these materials are installed without regard to long term maintenance requirements. The following issues must be considered when using the selected inert materials for Cannon AFB:

- Compatibility with architectural theme
- Readily available
- Proper installation and maintenance
- Appropriate use

Compatibility with Architectural Theme

Inert materials should be visually compatible with the installation architectural theme. Color, size, texture and long-term aesthetic value or durability should be primary considerations of inert materials to be included on the installation approved list.

Readily Available

Materials included on the installation inert material list must be readily available. Native or locally occurring materials usually will contribute the most toward preserving the character or image of the final project. Check with local or regional suppliers to ensure materials will be available in sufficient quantities to satisfy future landscape project needs.

Proper Installation and Maintenance

Overuse, misuse, and poor installation techniques hinder the effectiveness of inert material use in the landscape. Mixing different types or colors of similar materials of the same texture generally is inappropriate and detracts from the design composition.

Appropriate Use

Designating inert materials for specific uses throughout the installation is important. For example, 3-8" river run stone may be appropriate for use as an accent in an area of 3/4" decomposed granite or as erosion control in a small swale. In contrast, installing it as the primary groundcover over hundreds of square feet may be expensive, visually overpowering and difficult to maintain.

Suggested Inert Material List*

Descriptive Name	Trade Name	Size	Color	Depth	Landscape element	Erosion control	Accent	Rip-rap
<i>Inert materials</i>								
Decomposed granite	“Jim Bob’s Gold”	3/4” minus	Gold	2” min.	◆	◆		
River rock	Local river run	3-8”	Various	One layer		◆	◆	◆
Boulder	Local ‘granite’ boulder	8-27 CF	Natural	As detailed			◆	◆

* Final selection of inert materials left in the hands of installation.