

# Stronger Tougher More Beautiful



LOCALLY GROWN

**RoofTop Proven™**

Green Roof  
Plants & Mixes

Mid Atlantic and Southeast Regions



**RIVERBEND**  
GREENROOFS





**LiveRoof®  
Pre-vegetated Modules**

**Convenient.**

LiveRoof® green roof modules can be preplanted with a vast array of plants to meet the needs of your climate and design considerations.

**Proven.**

Our plants have been rooftop tested for unique hardiness and lasting beauty. Each of our integrated assortments consists of compatible colors and textures and has been proven effective in the southeast.

**Flexible.**

We value your creativity and encourage you to develop your own custom mix of LiveRoof® plants to complement the architecture of your building.



**RoofTop Proven™ Plants**

RoofTop Proven™ means we have bred and selected these plants for rooftop conditions. A green roof presents environmental challenges that do not exist in typical landscape settings, and we have found that typical landscape plants don't necessarily make good green roof plants. Some do, others don't. Rooftops are subject to heating from below the roof deck, to unique wind and cold issues, and to heat, drought, and light issues that are especially harsh.

Rest assured, RoofTop Proven™ plants represent the best selections for the uniquely harsh conditions imposed by the rooftop environment.



# What Plants Work?

The LiveRoof Standard and Lite systems are “Extensive” green roof systems. In other words, their soil depth is less than 6 inches. And, while extensive green roof systems optimize evaporative cooling and storm water management (in part because they can dry down between rain events), their shallow substrate depth means that the plants they can support must be extraordinary at resisting drought. Practically speaking, the plants that work best in “extensive” green roofs are exceptional “water conservers” as opposed to “water sourcers”. **Note:** Plants for the LiveRoof Deep and Maxx Systems are discussed in the last section of this catalog.

Water conservers are plants that store copious amounts of water in their fleshy stems and leaves. Cacti are the poster children for “water conservers”. They absorb water when available, and conserve it by closing their leaf pores during the day. Their leaves and stems also have a waxy cuticle, and relatively little surface area. Water sourcers, on the other hand, are plants that have extensive and deep root systems and go deep into the earth to find water. Good examples of “water sourcers” are prairie plants such as little bluestem, purple coneflower, and prairie dock.

## Recommended Plants – Accent & Base Plants

The LiveRoof system is typically vegetated with a palette of deciduous, semievergreen and evergreen “**base mix**” and “**accent plants**” (see tabbed sections of catalog) that are exceptional “water conservers”. These are succulent, water-holding plants like Sedums, Alliums, Sempervivums, Euphorbias, and perhaps a few others. The best LiveRoof plants both store water and have a special type of metabolism called Crassulacean Acid Metabolism, CAM for short. CAM plants are unique in that under drought conditions their stomates (leaf pores) are open at night rather than during the day (as is the case with most plants). CAM plants exchange gasses (oxygen and carbon dioxide) in the dark when it is cooler and less windy and therefore conserve water. Practically speaking, CAM plants are up to ten times more efficient with water conservation than non-CAM plants.

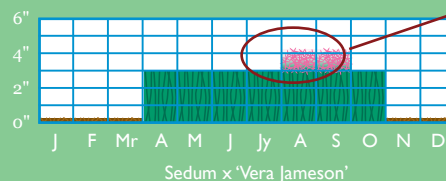
## Can Native Plants Be Used?

While it is popular to say that native plants are better adapted because they evolved here, this notion is not necessarily true. A plant’s suitability is dependent upon genetics and ecological and environmental adaptation (evolving with time and exposure). There is nothing magical about nativeness as there may be similar or more demanding environmental conditions on the other side of the globe. In reality there are very few native plants that will grow in an “extensive” green roof without frequent irrigation. This is because the native ecosystem parallel would be a giant rock covered in 2 1/2 to 4 inches of gravelly soil with loads of reflected light from bordering rocks. Such “real world” parallels are few and far between.

Even though there are few native plants for use in extensive green roofs (unless you plan to frequently irrigate), there are a few to choose from. Such species as Sedum ternatum (white flowered sedum, a shade lover), Opuntia humifusa (prickly pear cactus), and Allium cernuum (nodding onion) are such plants. Of course, with regular and frequent irrigation, many others can be sustained, and plants that fall into this category include purple coneflower (Echinacea pallida) and little bluestem (Schizachyrium scoparium). These plants are very drought resistant in conventional landscape settings because they are great “water sourcers”. On a rooftop with 4 inches of soil, however, they won’t survive for long unless regularly irrigated.

Note: Plant heights listed in this catalog are typical for extensive green roofs with moderate fertility and little supplemental irrigation. The same plants may be 50% to 100% taller in a rich soil garden setting.

### Legend for Graphics



Sedum x 'Vera Jameson'



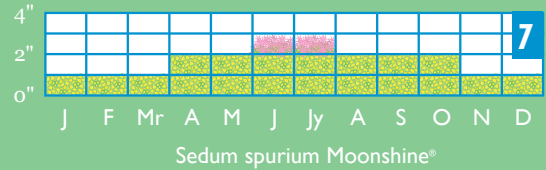
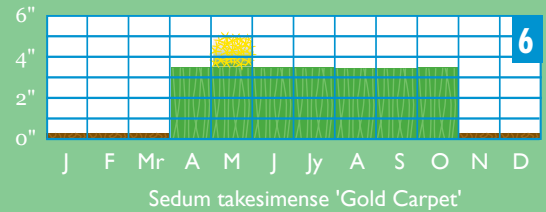
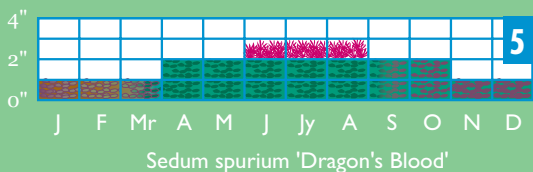
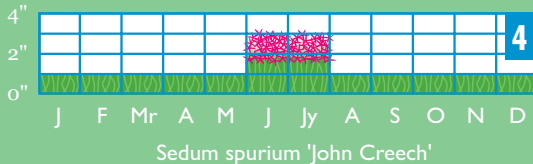
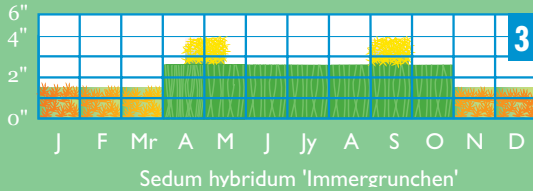
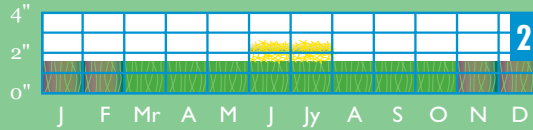
# Bold and Rugged Mix™



**Design Intent: Big and bold textured foliage.**

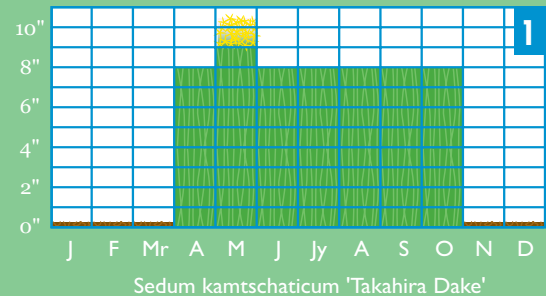
- **Foliage:** Evergreen and deciduous, midgreen tones, coarse textures.
- **Flowers:** Bright yellows, pinks, and reds spring to fall.

## Base Plants



## Accent Plant

Recommended density = 1 per every 2 or 3 modules



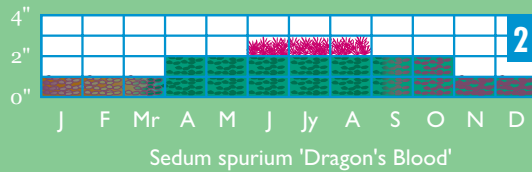
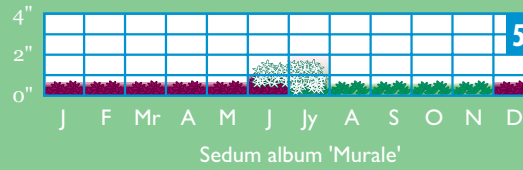
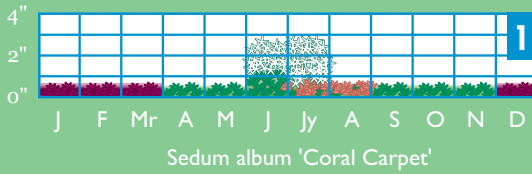


**Design Intent:** Low maintenance. Strong, rich feel, bold texture.

- **Foliage:** Evergreen and Deciduous, greens and reds, medium to coarse textured.
- **Flowers:** Palette of yellow, white and pink.

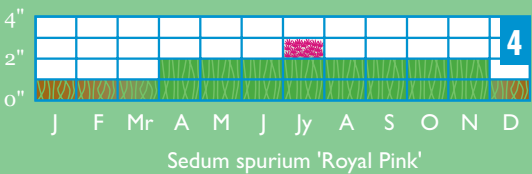
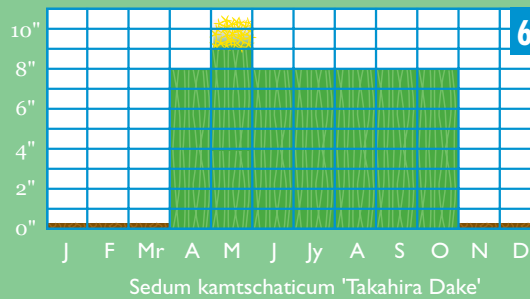
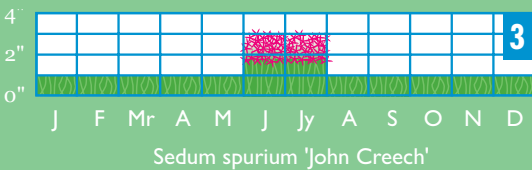


## Base Plants



## Accent Plant

Recommended density = 1 per every 2 or 3 modules



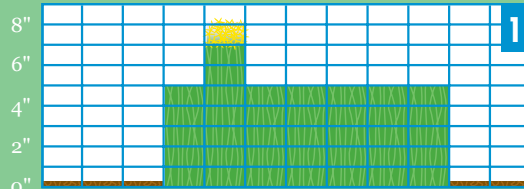




**Design Intent: Survival in the harshest cold, handsome appearance too.**

- **Foliage:** Evergreen and deciduous, 12 month aesthetics.
- **Flowers:** Bright whites, yellows, and pinks.

## Base Plants



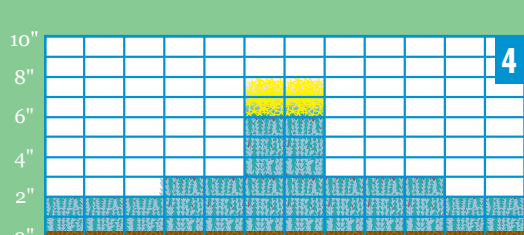
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Sedum rupestre 'Angelina'



J F Mr A M J Jy A S O N D  
Sedum ellacombianum



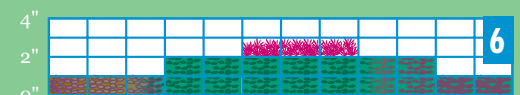
J F Mr A M J Jy A S O N D  
Sedum hybridum 'Czar's Gold'



J F Mr A M J Jy A S O N D  
Sedum kamschaticum 'Kurilense'



J F Mr A M J Jy A S O N D  
Sedum rupestre 'Angelina'



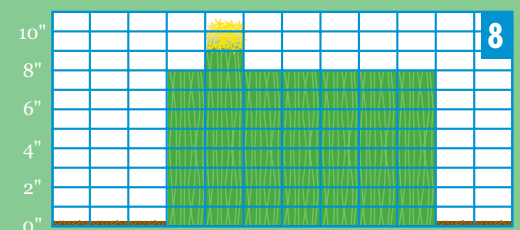
J F Mr A M J Jy A S O N D  
Sedum spurium 'Dragon's Blood'



J F Mr A M J Jy A S O N D  
Sedum reflexum 'Sunsplash'

## Accent Plant

Recommended density = 1 per every 2 or 3 modules

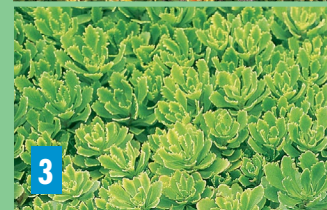
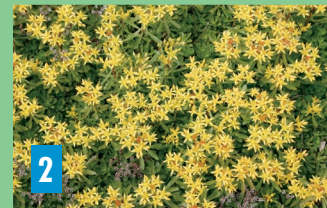


J F Mr A M J Jy A S O N D  
Sedum kamschaticum 'Takahira Dake'

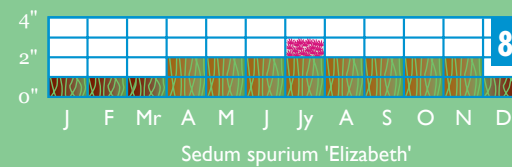
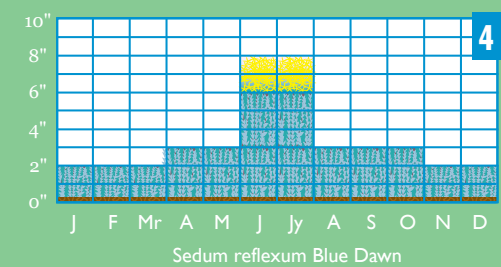
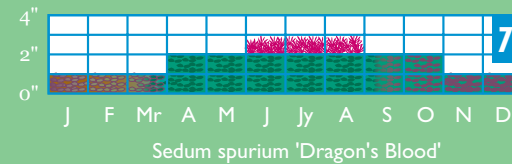
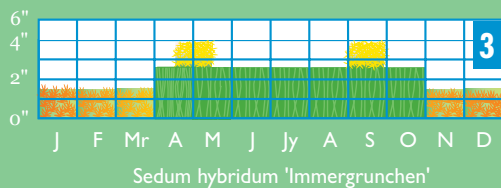
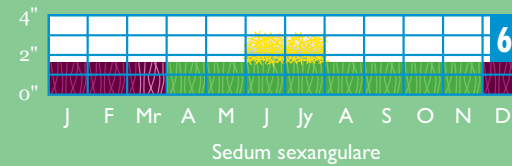
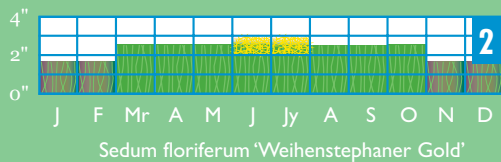


**Design Intent: Low maintenance. Bold color palette.**

- **Foliage:** Mostly Evergreen, boldly contrasting green, yellow and red hues.
- **Flowers:** Vibrant yellow, red, white and pink hues.



## Base Plants





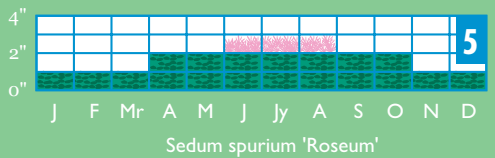
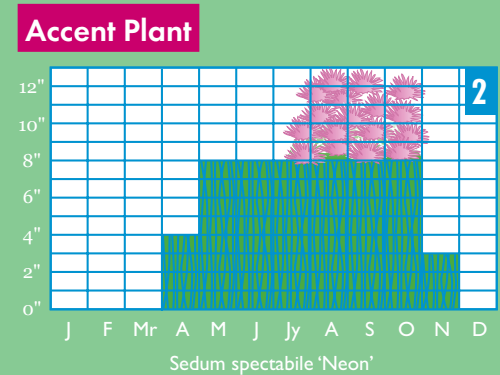
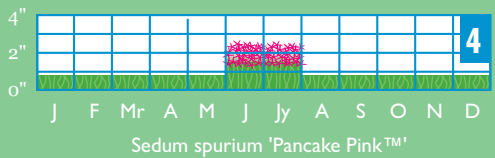
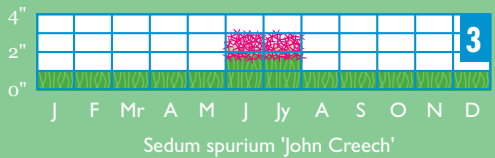
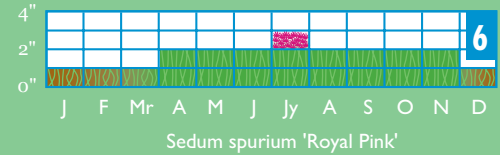
# Floral Pink Mix™



**Design Intent:** Low maintenance, green foliage with pink summer borne flowers.

- **Foliage:** Evergreen and deciduous, midgreen tone.
- **Flowers:** Varying shades of pink for a distinctively pink summertime appearance.

## Base Plants





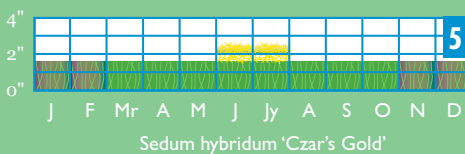
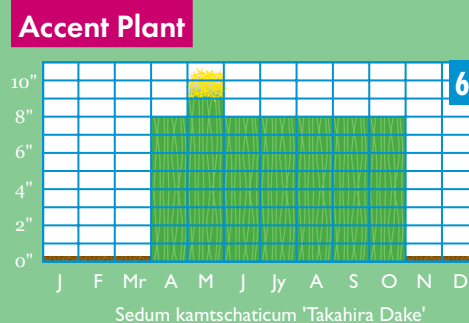
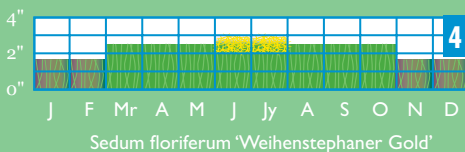
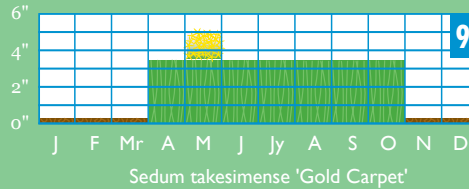
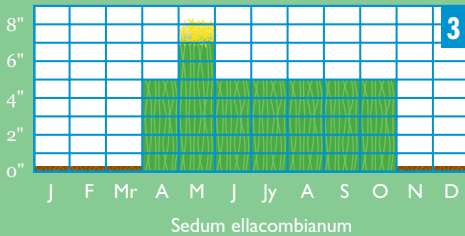
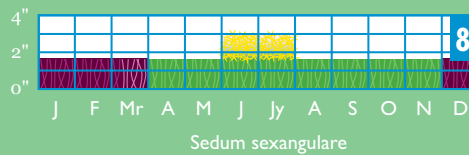
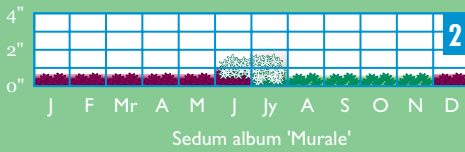
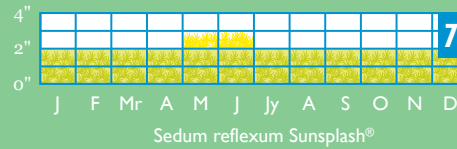
# Floral Yellow Mix™

**Design Intent:** Low maintenance, green foliage with yellow flowers spring and summer.

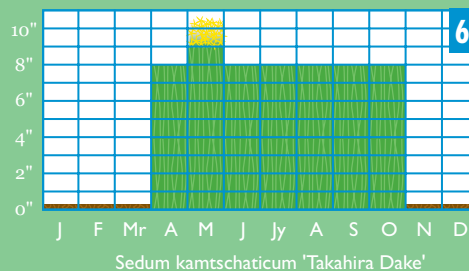
- **Foliage:** Evergreen and deciduous, midgreen tone.
- **Flowers:** Bright yellow spring and summer.



## Base Plants



## Accent Plant





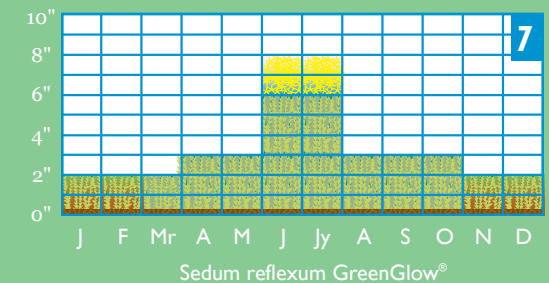
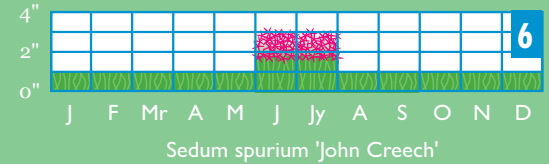
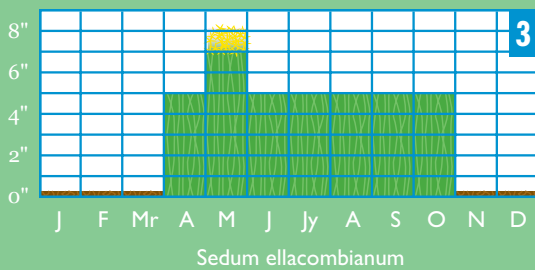
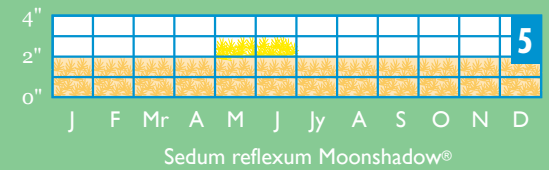
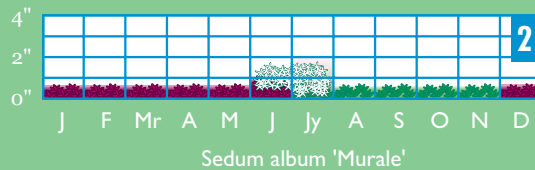
# Lemon Zest Mix™



**Design Intent:** Low maintenance, extremely bright for high contrast.

- **Foliage:** Both evergreen and deciduous, bright yellow coloration.
- **Flowers:** Bright yellows and subtle pink.

## Base Plants





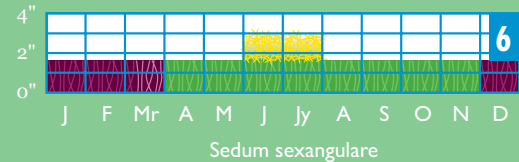
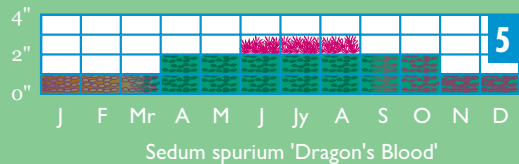
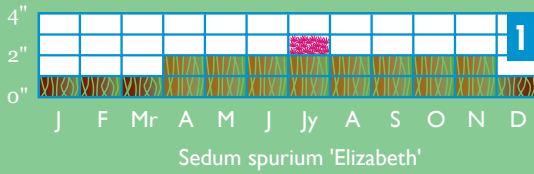


**Design Intent:** Low maintenance. Rich subdued foliage tone and subtle floral accents

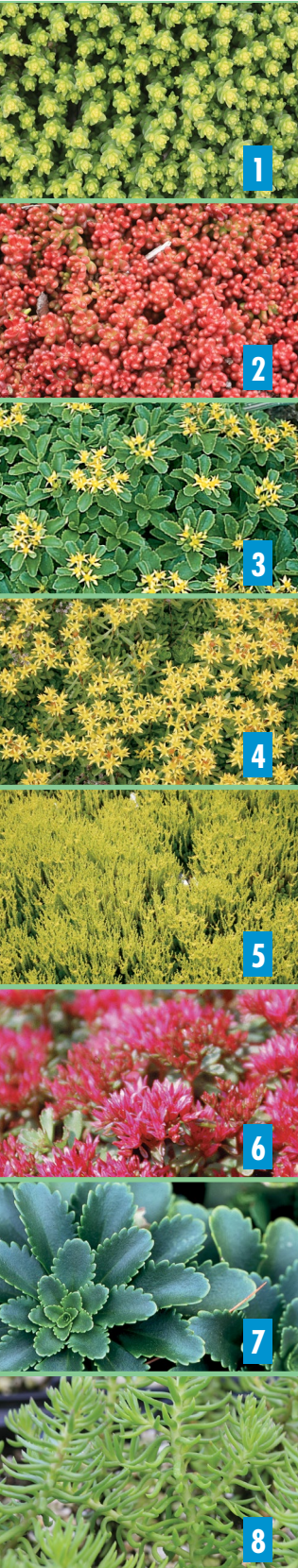
- **Foliage:** Rich bronze-mahogany, evergreen and deciduous foliage.
- **Flowers:** Complementary yellow and rich pinks.



## Base Plants



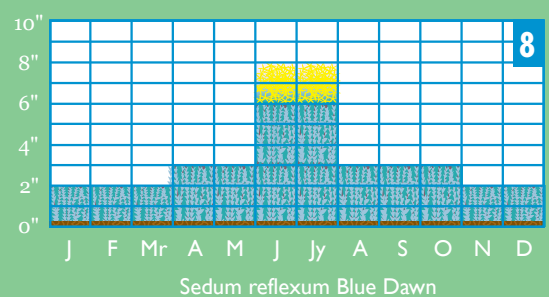
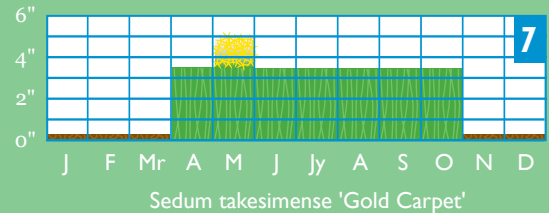
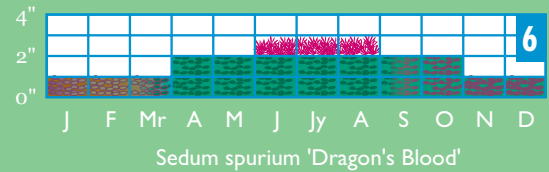
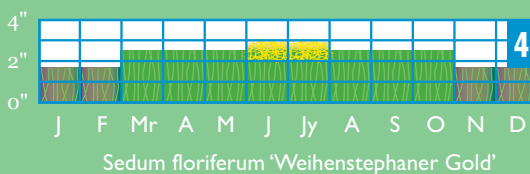
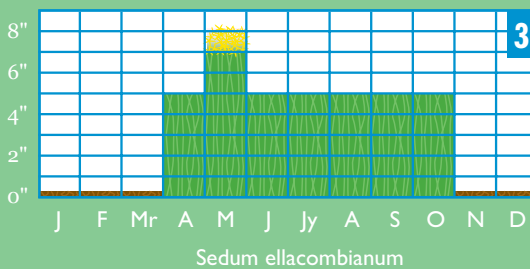




**Design Intent: Low maintenance. Vibrant energizing color palette.**

- **Foliage:** Evergreen and Deciduous, varying textures, mostly green with yellow and coral highlights.
- **Flowers:** Bright array of yellow, white, and pink.

## Base Plants



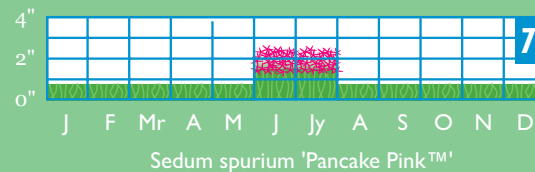
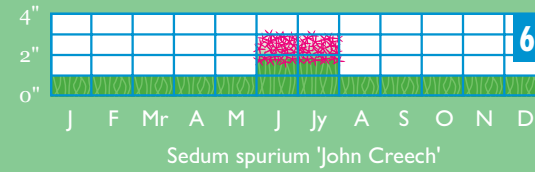
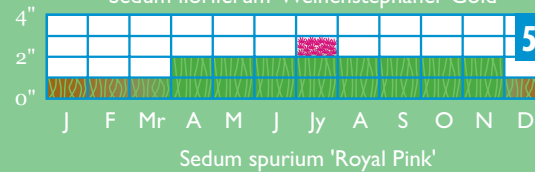
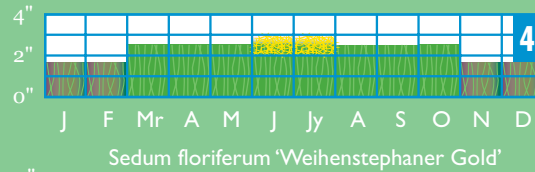
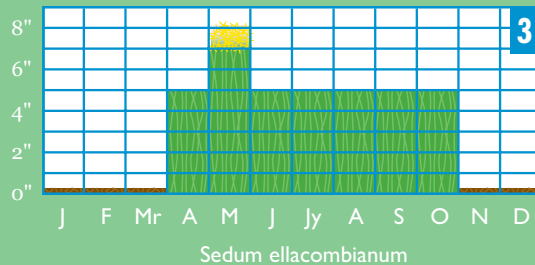
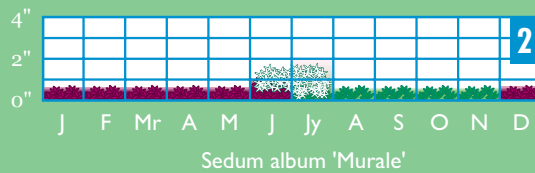
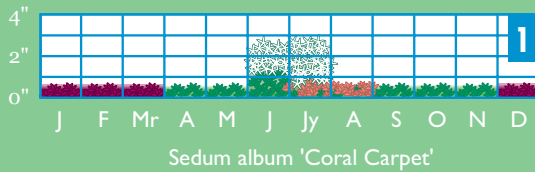


**Design Intent:** Low maintenance, complementary to rustic architecture.

- **Foliage:** Evergreen and Deciduous, coarse textured, mostly green with accents of gold and burgundy.
- **Flowers:** Clean yellows, white, and pink.



## Base Plants





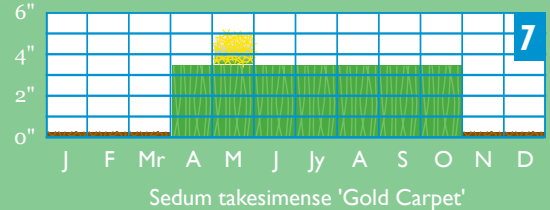
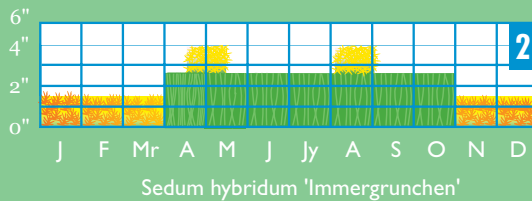
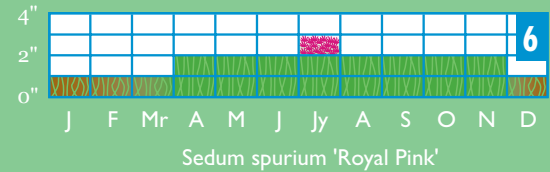
# Shade Fanfare Mix<sup>®</sup>



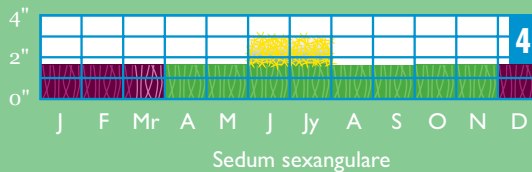
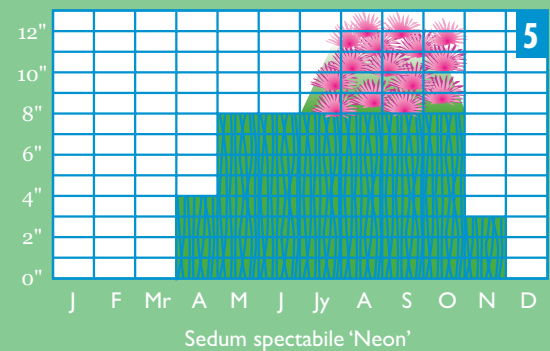
**Design Intent:** Low maintenance. Shade tolerant (3+ hours of sun plus reflected light), greens and blues with color highlights.

- **Foliage:** Evergreen and Deciduous, bold textures with vertical accent.
- **Flowers:** Bright yellow and pink hues.

## Base Plants



## Accent Plant





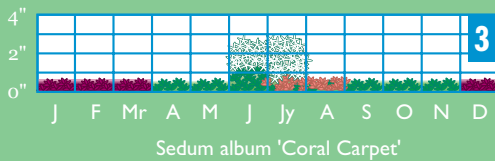
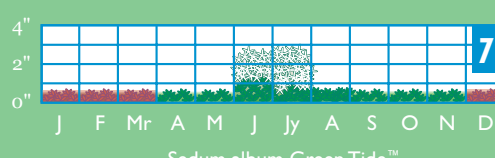
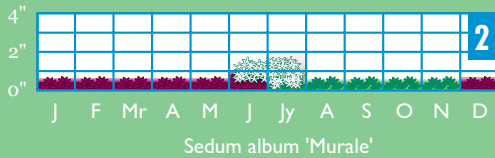
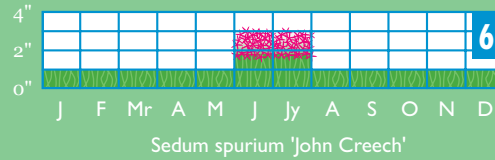
# Shade Serene Mix®

**Design Intent:** Low maintenance. Relatively shade tolerant (3+ hours of sun plus reflected light) in subdued color tones.

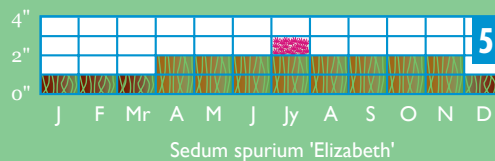
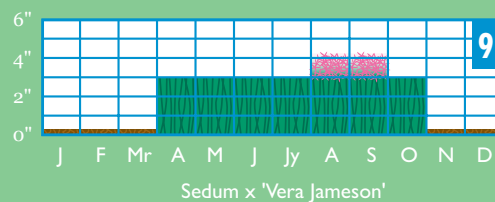
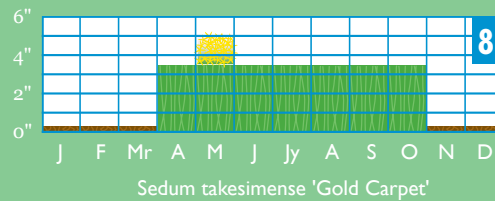
- **Foliage:** Evergreen and Deciduous, bold rich textures.
- **Flowers:** Yellow, white, and pink hues.



## Base Plants



## Accent Plants





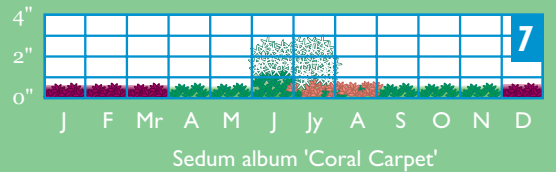
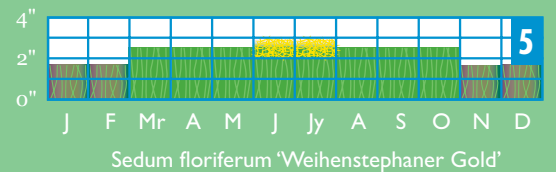
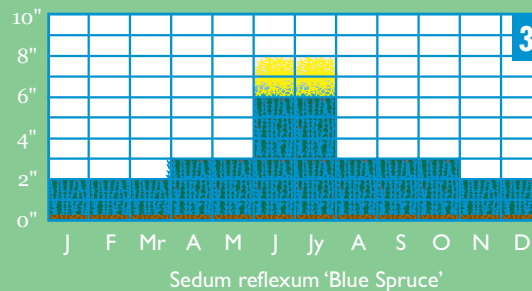
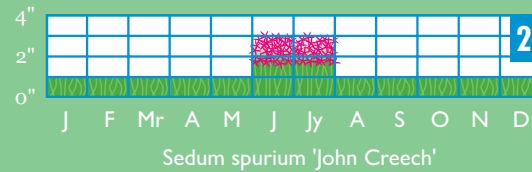
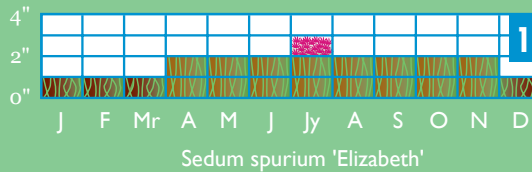
# Southeastern Mix



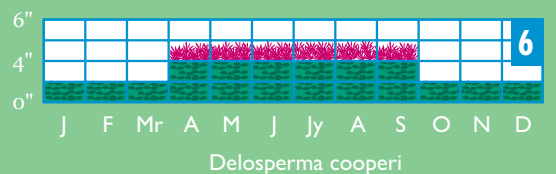
**Design Intent:** Low Maintenance, strong heat resistant, various textures designed to tolerate the southeast climates.

- **Foliage:** Evergreen and Deciduous, greens and reds, medium to coarse textured.
- **Flowers:** Palette of yellow, white and pink.

## Base Plants



## Accent Plant



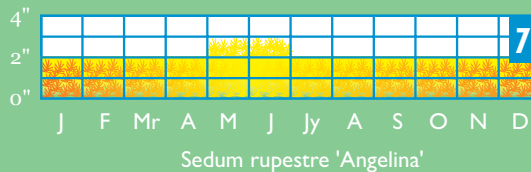
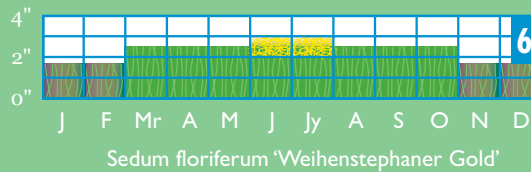
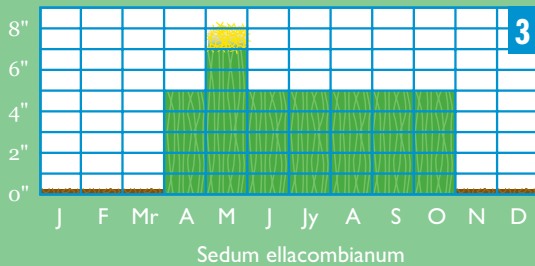
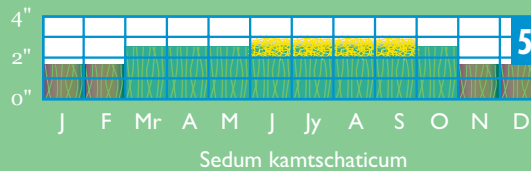
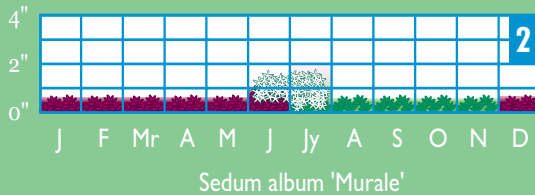
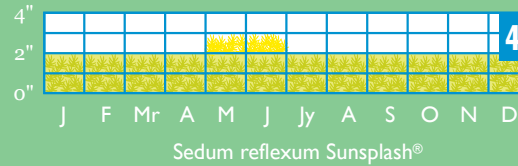


**Design Intent: Low maintenance. Bright, cheerful yellow tones.**

- **Foliage:** Evergreen and Deciduous, green/gold, and chartreuse.
- **Flowers:** Yellow and white.



## Base Plants





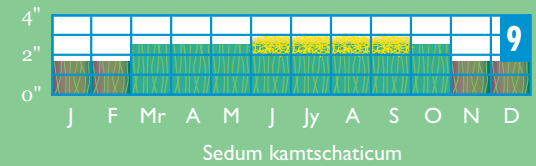
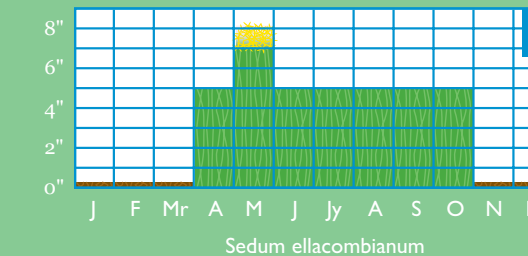
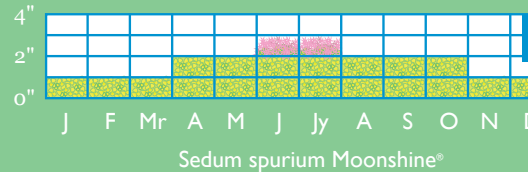
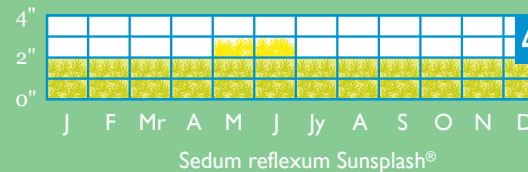
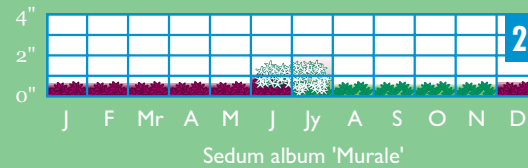
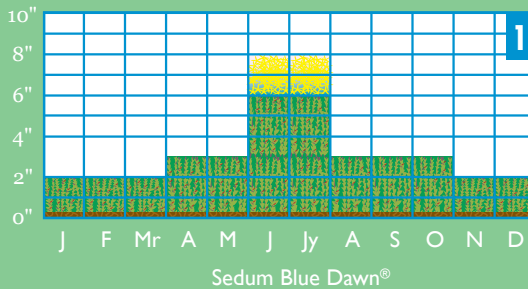
# Yellow & Purple Mix™



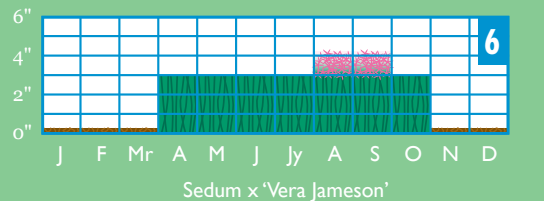
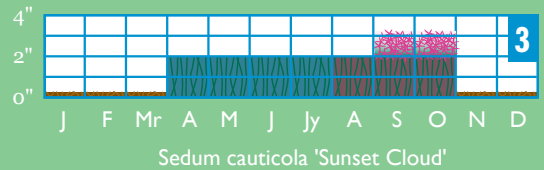
**Design Intent:** Low maintenance, high color contrasts within mix.

- **Foliage:** Evergreen and deciduous, yellow base, with purple accents.
- **Flowers:** Pink and yellow flowers.

## Base Plants



## Accent Plants





A dense, colorful ground cover of succulent plants, likely Sedum species, featuring a variety of colors including red, yellow, green, and white. The plants are tightly packed, creating a vibrant, textured surface. The text "Base Plants" is overlaid in the center in a large, white, sans-serif font.

# Base Plants



# Planting Theory for LiveRoof Pre-Selected Plant Assortments

LiveRoof has developed various plant assortments with the following objectives in mind:

- Beautiful and colorful year round.
- “Carefree”, i.e., minimal maintenance, minimal water.
- Sustainable, expected to live indefinitely.

Each LiveRoof plant assortment contains complementary plants, typically composed of five to nine “Base” plants (see definition below), some assortments with “Accent” plants (see definition below).

“Base” plants consist of easily propagated deciduous, semi-evergreen, or evergreen Sedums that range from 1/4 inch to 4 inches tall. They are used to create a beautiful attractive living mulch that serves as a backdrop to any accent plants used in the assortment.

Because base plants are easy to propagate, they may be combined in random mixtures to create a meadowlike effect without increasing the base cost of the LiveRoof system. If the base plants are planted in specific patterns (typically from plugs), the cost of planting goes up and is reflected in the system price.

## Deciduous and Semi-evergreen Base Plants

**Definition:** Deciduous plants shed their leaves, and often their stems, during the winter months. Semi-evergreen plants shed most of their leaves in winter, but typically hold on to the leaves at the tips or base of their stems.

**Value:**

- Shed leaves and stems decompose to nourish the soil and provide ongoing nutrition.
- Available in a broad array of colors and textures.

**Use:** Typically two to five deciduous or semi-evergreen plants are incorporated into each LiveRoof mix as part of the base plant palette (along with two to five evergreens, and any desired accent plants).

## Evergreen Base Plants

**Definition:** Evergreen plants hold on to their leaves year-round.

**Value:**

- Blanket the soil 12 months out of the year.
- Provide winter color and interest.
- Act as a living mulch to help prevent weed encroachment during all seasons.
- Sequester Carbon as they hold on to their leaves and stems indefinitely.
- Available in a broad array of colors and textures.

**Use:** Typically two to five evergreen plants are incorporated into each LiveRoof mix as part of the base plant palette (along with two to five deciduous plants, and any desired accent plants).

## Accent Plants

In addition to the LiveRoof Base Plants, LiveRoof offers an exciting array of Accent Plants. Illustrated later in this catalog (see tabbed section), LiveRoof accent plants are frequently added to the mix of base plants to create interesting color splashes, vertical dimension, and a unique visual signature.

LiveRoof recommends that LiveRoof Accent Plants be planted at densities of 1/2 to 2 plants per square foot. Accent plants typically add about \$.60 to \$ 1.20 per square foot to the overall system cost.

Accent plants from LiveRoof are intended to do the following:

- Create highlights and a unique “Visual Signature” or design impression.
- Draw the eye to particular elements of the LiveRoof.
- Create special effects, logos, or enhance the seasonal aspects of viewership (e.g., flowers during the school year).



## Base Plant Recommendations



### Sedum reflexum Blue Dawn®

(see-dum re-fleks-um) PPAF

Sedum Blue Dawn® ..... Zone 3+ ..... **Evergreen**



3"-4"; 6"-8" in bloom. full sun to light shade. Blue Dawn® is named for its foliage that is very subtly blue colored, more like a calming gray-blue. With good vigor and sprucelike evergreen foliage, Blue Dawn® is a good choice for blending with other blues or plants of contrasting color, such as purples and reds.

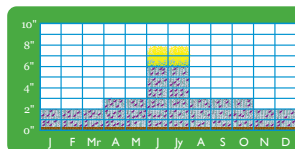
Flowering occurs during early to mid summer with star shaped yellow flowers borne atop upright floral stems.



### Sedum reflexum Blue Shimmer® ( `Nonremm' )

(see-dum re-fleks-um)

Sedum Blue Shimmer® ..... Zone 3 ..... **Evergreen**



2"-3"; full sun to light shade. Magnificent hues of blue and purple combine to adorn this beautiful plant. Colors intensify in cold weather, and are accented with yellow flowers in summer.



### Sedum reflexum Blue Spruce®

(see-dum re-fleks-um) PPAF

Sedum Blue Spruce® ..... Zone 3+ ..... **Evergreen**



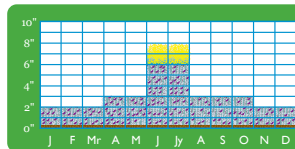
3"-4"; 6"-8" in bloom. full sun to light shade. An evergreen, Blue Spruce® adds to the limited field of blue leaved plants and contributes nicely with sprucelike foliage of soft blue-green. During early to mid summer it adds additional interest with upright floral stems that bear flat topped clusters of lemon yellow flowers.



### Sedum reflexum Purple Frost™ ( `Nontsrel' )

(see-dum re-fleks-um)

Sedum Purple Frost™ ..... Zone 3 ..... **Evergreen**



2"-3"; full sun to light shade. Purple Frost™ is a good grower with purple-tinged blue foliage and bright yellow flowers in early summer.



## Base Plant Recommendations



### Sedum album 'Atropurpureum'

(see-dum al-bum)

Purple Leaved White Flowered Sedum ..... Zone 3+ .....

Evergreen



1" - 1 1/2"; full sun to light shade.

'Atropurpureum' literally means very purple, and refers to its evergreen leaves that range from green during summer to intense purple during the cool

season. 'Atropurpureum' is a sturdy and reliable creeping selection that bears white star shaped flowers during summer.



### Sedum album 'Coral Carpet'

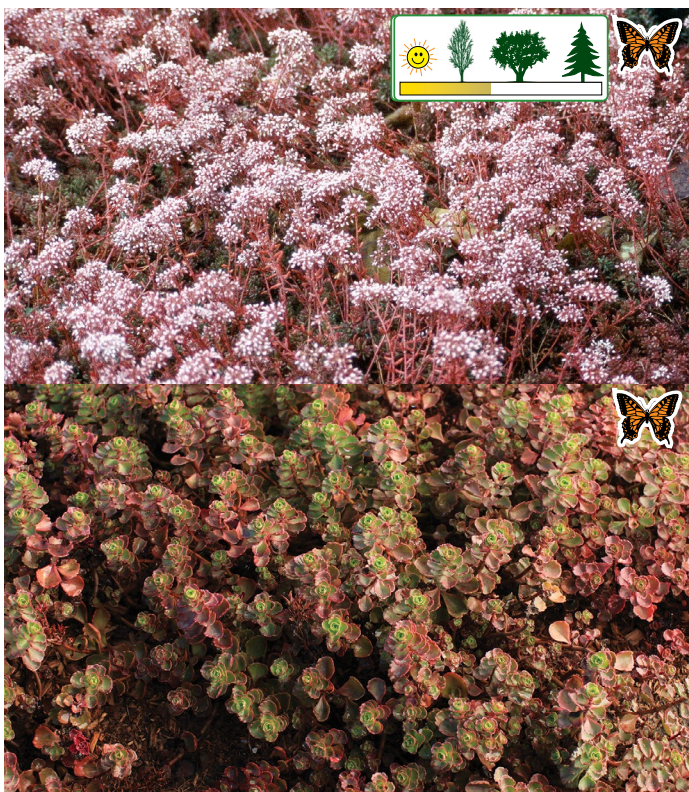
(see-dum al-bum)

'Coral Carpet' White Flowered Sedum ..... Zone 4+ .....

Evergreen



1/2" - 1"; full sun to light shade. Evergreen with flattened mosslike growth habit, 'Coral Carpet' is unique for its tiny, oval, beanlike leaves which turn bright red in hot, dry, exposed locations as well as during the winter season. The effect of the leaves can be quite striking, and when topped with its prominent late spring and early summer display of white flowers, it is just that much more interesting.

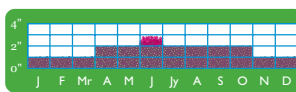


### Sedum spurium Cinnabar® ('Nonrab')

(see-dum spew-ree-um)

Cinnabar® Sedum ..... Zone 3 .....

Semi-Evergreen



1 1/2" - 3"; full sun to light shade. Cinnabar® is clothed in maroon-green foliage that intensifies to cinnamon-red during fall and winter. Like most other spurium varieties, Cinnabar® is semi-evergreen carrying some of its leaves during winter (those at the tip of the stems). Its summer borne flowers are deep pink and last for weeks.





## Base Plant Recommendations



### Sedum spurium 'Elizabeth'

(see-dum spew-ree-um)

Semi-Evergreen

'Elizabeth' Sedum..... Zone 3+.....



1 1/2"-2"; full sun to light shade.

'Elizabeth' is a splendid selection with deep red flowers from early to mid summer and deep green, red-suffused

foliage that is big, fan shaped, semi-evergreen and noteworthy for its prominently scalloped edges.



Winter versus Spring green roof. Sedums are either deciduous or evergreen, choosing what is best for your climate and aesthetic needs is important! We strive to offer a unique variety of plants that are vigorous, consistent, and hardy.





## Base Plant Recommendations



### Sedum acre Olivia's Gold™ ( `Nondl' )

(see-dum re-fleks-um)

Olivia's Gold™ Sedum .....Zone 3.....

Evergreen



1"; full sun to light shade. Olivia's Gold™ is a very low growing, creeping selection with bright yellow foliage and spring borne lemon-yellow star shaped flowers. It is excellent for bright contrast in spring, and is often combined with other yellow leaved selections.



### Sedum reflexum Moonshadow®

(see-dum re-fleks-um) PPAF

Moonshadow® Sedum .....Zone 3+.....

Evergreen



3"-4"; 6"-8" in bloom. full sun to light shade. Moonshadow® is clothed in sulfur-yellow evergreen foliage and is simply superb. During early and mid summer it sends up tall leafy stems that bear flat topped clusters of bright yellow flowers.



### Sedum reflexum Sunsplash®

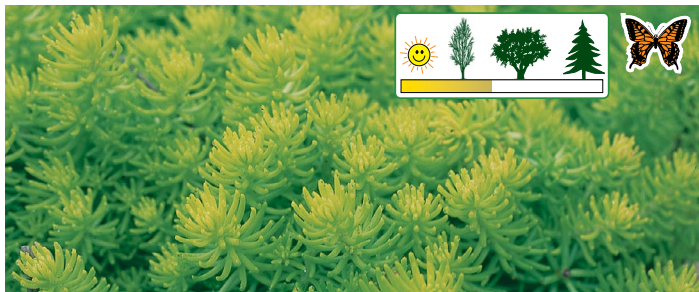
(see-dum re-fleks-um) PPAF

Sedum Sunsplash® .....Zone 3+.....

Evergreen



3"-4"; 6"-8" in bloom. full sun to light shade. Up until now, the field of evergreen, yellow leaved rooftop plants has been limited, which isn't so good as one always want a mixture of plants to create genetic diversity. Sunsplash® broadens the offering with foliage that is chartreuse (half green/half yellow). During early to mid summer it sends up taller floral spikes that bear lemon yellow flowers at their top.



### Sedum rupestre 'Angelina'

(see-dum rew-pes-tree)

'Angelina' Sedum .....Zone 3+.....

Evergreen



2"-3"; full sun to light shade. Discovered in a private garden in Croatia, 'Angelina' is a trailing selection clothed in brilliant golden-yellow spruce-needle shaped evergreen foliage that turns golden orange in winter. Its flowers, borne during June and July, are lemon-yellow upon upright stems 4-6 inches above the foliage.

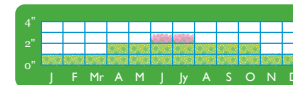


### Sedum spurium Moonshine®

(see-dum spew-ree-um) PPAF

Moonshine® Sedum .....Zone 4+.....

Deciduous



2"-3"; full sun to light shade. Moonshine® is a real breakthrough plant in that its foliage is chartreuse-yellow. Heretofore this did not exist within the species *S. spurium*, and is important to designers of greenroofs because it adds a deciduous plant to a palette of mostly evergreen yellow-leaved selections. In all plant mixes there should be deciduous plants for nutrient recycling; now there is one more in the yellow spectrum. Moonshadow® is adorned with vibrant pink flowers during summer.



## Base Plant Recommendations



### Sedum album Green Tide™ ('Nonedit')

(see-dum al-bum)

Sedum album Green Tide™ ..... Zone 3 ..... **Evergreen**



1"-2"; full sun to light shade. Green Tide is a tight creeper, good at excluding weeds. During the warm season it is colored deep green, and during winter picks up hues of rich maroon. Snow white

flowers are borne during early summer.



### Sedum album 'Hilldrantii'

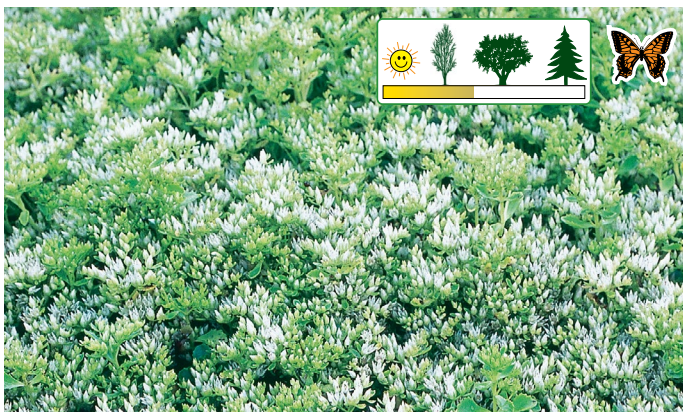
(see-dum al-bum)

Hillbrand's Sedum ..... Zone 4+ ..... **Evergreen**



1/2"; full sun to light shade. Hilldrantii is unique for its very low creeping habit of evergreen foliage that ranges from jade green in summer to rich mahogany-purple during fall, winter and spring. It

is reliable, resistant to heat and cold and during summer bears white star shaped flowers.



### Sedum spurium 'Album Superbum'

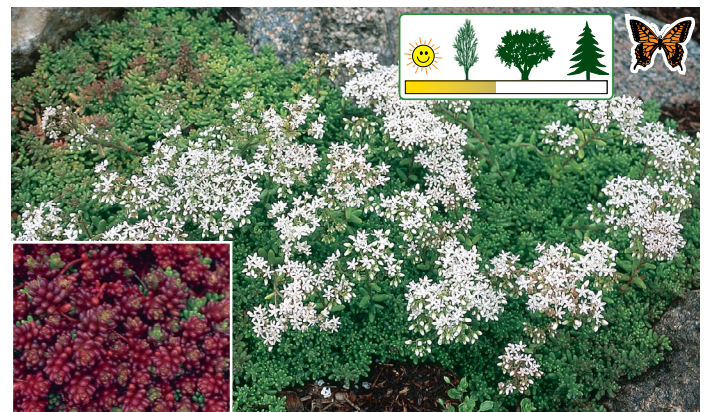
(see-dum spew-ree-um)

White Flowered Sedum ..... Zone 5+ ..... **Semi-Evergreen**



2"-3", up to 4" in flower; full sun to light shade. With shiny green succulent semi-evergreen foliage, 'Album Superbum' creeps slowly to form an attractive ground covering mat, and during

summer is decorated with white star-shaped flowers.



### Sedum stefco

(see-dum stef-koe)

Stefanov Sedum ..... Zone 5+ ..... **Evergreen**



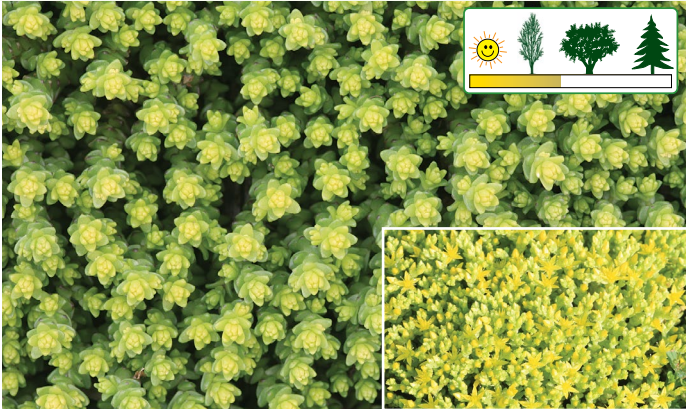
1/2"-1"; full sun to light shade. A low growing, mat forming evergreen, Stefanov Sedum is a handsome fine textured species from the Rhodopi Mountains of southwest Bulgaria.

Smothered in tiny, cylindrical, slightly bluish tinged mid green leaves, this species is noteworthy for the contrast between its foliage and its crimson colored stems. Stefanov Sedum blooms late summer and early fall, bearing many white flowers atop leafy semi upright stems. It is completely evergreen and turns a rich scarlet purple during the winter months.



## Base Plant Recommendations

Base Plants



### Sedum acre 'Aureum'

(see-dum ack-ree)

Gold Leaved Goldmoss Sedum ..... Zone 4+ ..... **Evergreen**



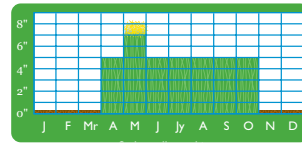
1"; full sun to light shade. Among the lowest growing sedums, this nifty little cultivar spreads outward in mosslike fashion with scalelike, evergreen leaves tipped golden during spring before turning all green in summer. The common name goldmoss refers to its golden yellow flowers which appear during late spring and early summer.



### Sedum ellacombianum

(see-dum el-la-koe-mee-aye-num)

Ellacombe's Sedum..... Zone 3+ ..... **Deciduous**



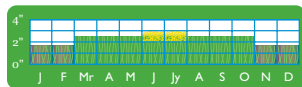
3"-5"; full sun to light shade. Deciduous and fleshy, the foliage of this popular time proven species is light green, broad and long. Lemon yellow flowers appear in late May and June.



### Sedum floriferum 'Weihenstephaner Gold'

(see-dum flo-rif-er-um)

'Weihenstephaner Gold' Sedum ..... Zone 3+ ..... **Evergreen**



2"-3"; full sun to light shade. 'Weihenstephaner Gold' is an excellent dense growing sedum with rich reddish burgundy stems, vibrant green foliage, and bright clear yellow flowers during summer. Its evergreen foliage colors up nicely during fall with deep reddish highlights.



### Sedum floriferum Winter Mahogany®

(see-dum flo-rif-er-um) PPAF

Winter Mahogany® Sedum ..... Zone 3+ ..... **Evergreen**



2"-3"; full sun to light shade. Winter Mahogany® is a strong growing evergreen with vibrant shiny green foliage that turns a distinct and rich mahogany during the fall and winter. Flowering occurs during early summer when plants are loaded with bright yellow star shaped flowers.



## Base Plant Recommendations



### Sedum hybridum 'Czar's Gold'

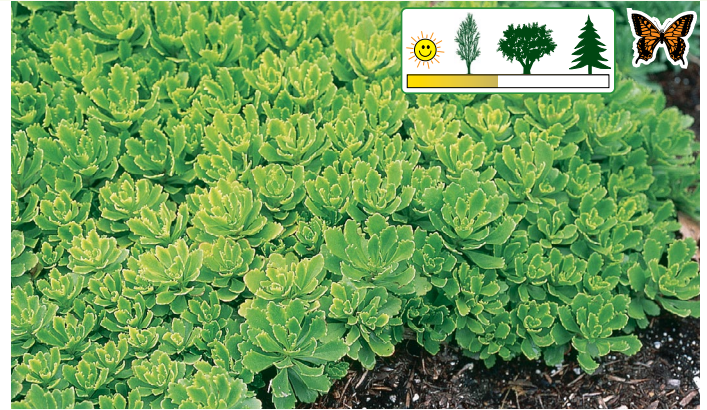
(see-dum hye-bri-dum)

'Czar's Gold' Sedum..... Zone 3+ ..... **Evergreen**



1 1/2"-2"; full sun to moderate shade. 'Czar's Gold' is a rich sulfur-yellow flowered, reddish stemmed carpet former unique for bold textured deep green evergreen foliage. Best described as rich and distinct, 'Czar's Gold' contributes a commanding presence. It requires little care and is perfect with other sedums, Allium, or hen and chicks.

rich and distinct, 'Czar's Gold' contributes a commanding presence. It requires little care and is perfect with other sedums, Allium, or hen and chicks.



### Sedum hybridum 'Immergrunchen'

(see-dum hye-bri-dum)

Evergreen Sedum ..... Zone 4+ ..... **Semi-Evergreen**



2"-3"; full sun to light shade. 'Immergrunchen', in German, literally means evergreen. 'Immergrunchen' is a compact, extremely coarse textured ground cover of tight habit and vibrant green foliage. Its leaves are actually semi

evergreen, some of them shed during the winter months and the remainder turning a vibrant amber color during winter. An early and late bloomer, 'Immergrunchen' bears cheerful yellow flowers during early June, rests for a couple of months, then blooms again during September.



### Sedum kamtschaticum

(see-dum kam-chat-i-kum)

Kamchatka Sedum..... Zone 3+ ..... **Semi-Evergreen**



1"-2"; full sun to moderate shade. From Siberia and super cold hardy, Kamchatka sedum displays rich green evergreen foliage that takes on purplish hues in wintertime. Carried upon sprawling stems, the leaves make an excellent backdrop to the early summerborne, brilliant yellow, star shaped flowers. Heat and drought tolerant and requiring of little maintenance.

the leaves make an excellent backdrop to the early summerborne, brilliant yellow, star shaped flowers. Heat and drought tolerant and requiring of little maintenance.



### Sedum kamtschaticum 'Kurilense'

(see-dum kam-chat-i-kum)

'Kurilensis' Kamchatka Sedum..... Zone 3+ ..... **Semi-Evergreen**



1"-2"; full sun to light shade. Sedum 'Kurilensis' is a strong grower distinguished from the species by red stems and shiny green plastic-like foliage. It is durable, exceptionally drought resistant, and bears attractive yellow flowers during June and July.

bears attractive yellow flowers during June and July.



## Base Plant Recommendations



### Sedum floriferum Emerald Carpet™ ('Nonpetra')

(see-dum flo-rif-er-um)

Sedum Emerald Carpet™ ..... Zone 3 ..... **Evergreen**



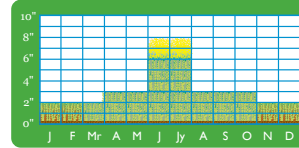
1 1/2"-2 1/2"; full sun to light shade. Emerald Carpet™ is very compact and extra durable with deep green typically blemish-free foliage and canary yellow summerborne flowers.



### Sedum reflexum GreenGlow®

(see-dum re-fleks-um) Patent # 23323

GreenGlow® Sedum ..... Zone 3+ ..... **Evergreen**



3"-4"; 6"-8" in bloom. full sun to light shade. GreenGlow® straddles the spectrum between green and yellow. More chartreuse than green, it tends to glow and gives off an iridescent green tone to its lovely sprucelike evergreen foliage. The foliage texture and the height of its flower stalks help to make this plant unique and will bring

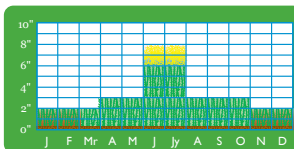
contrast to the roofscape.



### Sedum reflexum Pine Forest™ ('Nontserf')

(see-dum re-fleks-um)

Sedum Pine Forest™ ..... Zone 3 ..... **Evergreen**



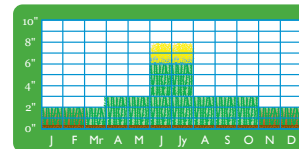
2"-3"; full sun to light shade. Pine Forest™ looks like a miniature pine forest. The leaves are needlelike and fresh green. During summer the foliage is topped with bright yellow flowers.



### Sedum reflexum Spring Green®

(see-dum re-fleks-um) Patent # 23648

'Spring Green' Sedum ..... Zone 3+ ..... **Evergreen**



3"-4"; 6"-8" in bloom. full sun to light shade. 'Spring Green' is just that, vibrant, youthful, and energized with radiant electric evergreen sprucelike foliage. Blooming occurs atop tall upright stems during early to mid summer with starlike flowers of electric yellow.



## Base Plant Recommendations



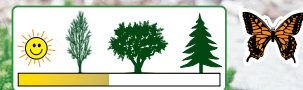
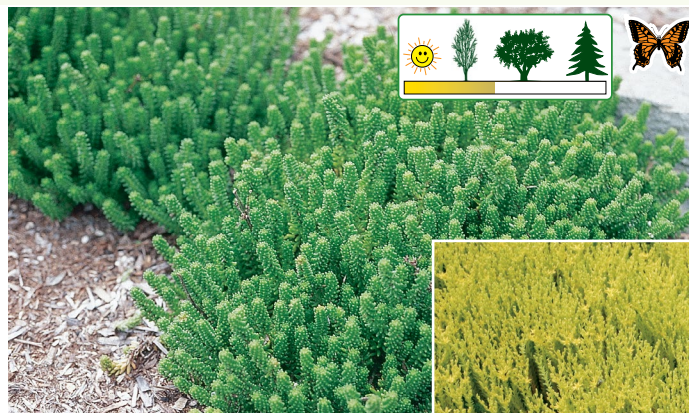
### Sedum reflexum Sun Touched®

(see-dum re-fleks-um) Patent # 23312

Sun Touched® Sedum ..... Zone 3+ ..... **Evergreen**



3"-4"; 6"-8" in bloom. full sun to light shade. Sun Touched® appears to be a combination of vibrant green with a sunny, chartreuse sheen, sometimes with hints of red. An evergreen, it looks nice year round and during early to mid summer bears many bright yellow flowers.



### Sedum sexangulare

(see-dum sex-an-gyew-lare-ee)

Six Angled Sedum ..... Zone 4+ ..... **Evergreen**



1"-2"; full sun to light shade. Six angled sedum bears its leaves in rows of 6 in spiraling fashion about ascending stems. Each evergreen leaf is vibrant green, only about 1/2 inch long and a fraction of that wide. During winter it turns a deep bronzy purple. Overall, it appears fine textured and mosslike, and during summer is enhanced when topped with bright yellow florets. S. sexangulare hails from the western borders of Russia, Poland, and the Balkans, on sandy or stony soils.

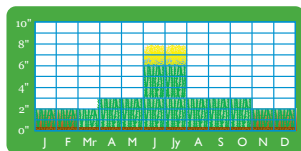


### Sedum takasiemense Atlantis®

('Nonsital') (see-dum taki-i-sim-en-see)

Patent # 27,454

Atlantis® Sedum ..... Zone 5 ..... **Semi-Evergreen**



4"-6"; full sun to light shade. Winner of the Chelsea Flower Show 2019 Plant of the Year. This variegated Sedum was discovered by Bert Roma at Hortech as a sport of Sedum takesimensense 'Gold Carpet' and features leaves that are green centered and uniformly trimmed in creamy white to yellow, providing visual contrast seldom seen in the world of sedums. Its

growth is not aggressive, making it best suited as a small scale groundcover or accent for brightening up any sunny spot and particularly good along walkways and in containers where its unique features can be viewed up close.



### Sedum takesimensense 'Gold Carpet'

(see-dum tak-i-sim-en-see)

'Gold Carpet' Sedum ..... Zone 4+ ..... **Semi-Evergreen**



4"-6"; full sun to moderate shade. So tough you'd swear it's plastic, 'Gold Carpet' is an intensely blackish green, metallic-green-edged sedum. It is unique and appears to resist extreme heat and drought. But, it's also beautiful, and in addition to forming clumps to 10 inches wide, is accented with clusters of bright yellow flowers during mid-summer.

**Very aggressive. Use only in Tough Extreme Mix.**



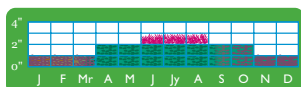


### Sedum spurium 'Dragon's Blood'

(see-dum spew-ree-um)

Semi-Evergreen

'Dragon's Blood' Sedum..... Zone 3+ .....



1"-2"; full sun to light shade. Extremely popular, 'Dragon's Blood' displays uniform purplish bronze, semi-evergreen foliage that becomes bronze to scarlet by autumn. Brilliant red flowers are

effective June to August.



### Sedum spurium 'John Creech'

(see-dum spew-ree-um)

Semi-Evergreen

'John Creech' Sedum..... Zone 3+ .....



1"-2" in bloom; full sun to light shade. Super dense growing, 'John Creech' smothers the ground with its compact habit of succulent medium green semi-evergreen foliage. Flowering mid summer,

'John Creech' bears upright stems topped with clusters of pinkish-purple florets.



### Sedum spurium Pancake Pink™ ('Nonkink')

(see-dum spew-ree-um)

Semi-Evergreen

Pancake Pink™ Sedum..... Zone 3 .....



1" - 2" in bloom; full sun to light shade. Pancake Pink™ grows 'flat as a pancake', smothers the soil to exclude weeds and resist wind uplift, and is one extremely tough plant. It's also very attractive with

jade green leaves and pink summer borne flowers.

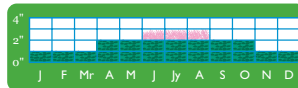


### Sedum spurium 'Roseum'

(see-dum spew-ree-um)

Semi-Evergreen

Pink Flowered Sedum..... Zone 3+ .....



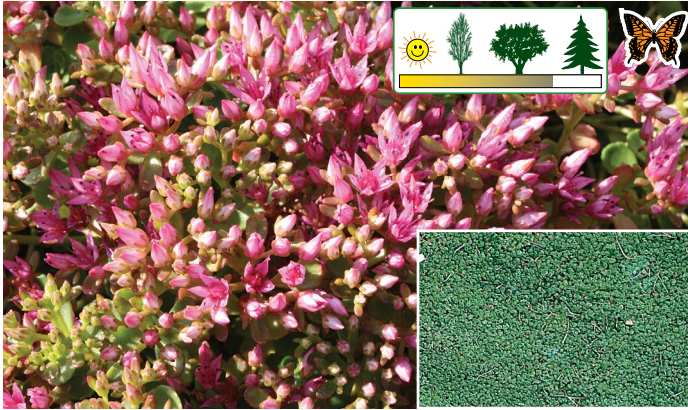
1"-2"; full sun to light shade. 'Roseum' is a very pleasing, drought and disease resistant selection with cheerful, clear, lime green semi-evergreen foliage. It fills the role of a sedum that is very

"green" in color and thus is great for contrast with the dark red, blue, and purple members of the genus. 'Roseum' displays pink summerborne flowers, and in this case, they are a clear, soft, pastel pink and borne in relatively low numbers. The unique aspect of this is that the flowers and foliage complement each other and can be appreciated at the same time.





## Base Plant Recommendations



### Sedum spurium 'Royal Pink'

(see-dum spew-ree-um)

'Royal Pink' Sedum..... Zone 3+ .....

Semi-Evergreen



1"-2"; full sun to moderate shade. This cultivar of two-row stonecrop is one of the best for foliage. Its leaves are vibrant green, densely set, and make a lovely weed impenetrable mat—remarkably, in

light shade as well as full sun. Showy deep pink flowers arise slightly above the mostly evergreen foliage .



### Sedum spurium 'Summer Glory'

(see-dum spew-ree-um)

'Summer Glory' Sedum..... Zone 3+ .....

Semi-Evergreen



1"-2"; full sun to light shade. A durable seed strain, 'Summer Glory' is characterized by vigorous growth, vibrant green foliage, and lovely rich dark rose-pink summerborne flowers.



Our Design Team creates beautiful outdoor spaces for entertaining or relaxation.



We want your LiveRoof® to be a focal point of your design for years to come. When it has to be perfect, we are here to help!

Our Design Team has demonstrated capability in bringing your vision to life. This included service encompasses design and plant selection, renderings, and irrigation design for depths from 2.5" to greater than 8" of media.

We are comfortable and experienced in presenting direct to clients, and designing renderings together for the client to choose from.



## Want to see more?

Visit our Project Showcase at [www.LiveRoof.com](http://www.LiveRoof.com) to see even more examples of the unique and customized roof top gardens that we provide for our customers.

For more information on any of the plant mixes in this catalog or on the website; or to schedule a meeting with our staff and your client, contact

[liveroof@riverbendnursery.com](mailto:liveroof@riverbendnursery.com).



We offer maintenance services in the Maryland, Northern Virginia, and DC areas. Contact us if you are interested in those programs.



**If you are in another area, here are some tips on how to maintain your green roof:**

- Hand removal of all invasive species
- Mowing/pruning of plant material if required
- Clearing of gravel margins
- Fertilization of plant material using appropriate fertilizer products
- Inspection of visible roofing components and drains
- Replacement of any areas of dead or dying plant material
- At any soil depth, prolonged hot dry weather without supplemental irrigation will result in plant thinning or death. In areas of shade, less irrigation will be required. Be careful to not over water, as this can cause widespread plant losses.
- Apply fertilizer if needed. Always choose a high quality slow release granular fertilizer—available at your local garden center.
- Mowing is recommended to tidy up the roof after winter.
- Bi-weekly “weed walks” are recommended.
- Winter: Across the northern temperate region of North America, the plants will be dormant and the soil will usually be frozen during the winter season. This is the time to stay off the roof as it may be slippery and dangerous. While the roof is frozen, the only winter maintenance required may be snow removal from rooftop walkways--if roof ingress and egress is required.





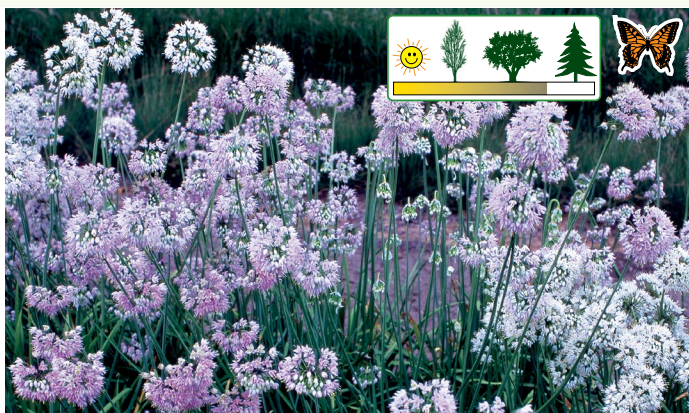
# Accent Plants

**Definition:** Accent plants are typically more difficult to propagate and to plant than “base” plants and therefore will raise the overall system cost a little bit. Their beauty easily justifies their cost, and the use of accent plants is a wise investment. Accent plants are used to create color splashes, a unique visual signature or vertical dimension.

- Value:**
- Create visual highlights.
  - Create a “unique” signature or impression.
  - Draw the eye to particular elements of the LiveRoof®.
  - Create special effects, logos, and/or targeted effect. For example, the plant palette for schools will typically contain accent plants that peak after Labor Day and before Memorial Day.

**Use:** Typically one to three varieties are used in low density (e.g., 1 or 2 plants per module), along with the palette of deciduous, semi-evergreen, and evergreen “base” plants.



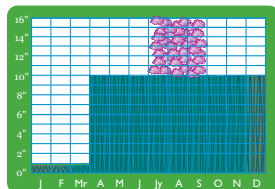


### Allium cernuum

(ale-ee-um sir-new-um) Native Species

Nodding Onion ..... Zone 2+ .....

Deciduous



12"-16"; full sun to moderate shade. Native to the northwestern United States, nodding onion bears soft green straplike foliage arranged in an upright vase shape. Maturing quickly, nodding onion is reliable and durable and during midsummer bears numerous nodding lilac-pink flowers. Best companions are Alliums of differing bloom time or floral color, and numerous varieties of sedums.

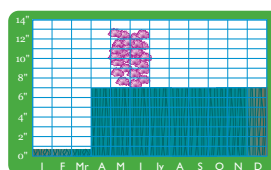


### Allium schoenoprasum 'Forescate'

(ale-ee-um skoy-n-oh-prah-sum)

'Forescate' Chive ..... Zone 3+ .....

Deciduous



8"-14"; full sun to light shade. This remarkable ground cover fills the need for a plant that gives long running early season color along with super heat, cold and drought resistance. 'Forescate' chive leaves out during early spring with attractive bluish green foliage. Above it, carried upon stout stems, are numerous clusters of intensely rose pink springborne flowers that intensify to bluish purple as they age.

Both colors are present at the same time giving a cheerful confetti-like appearance.

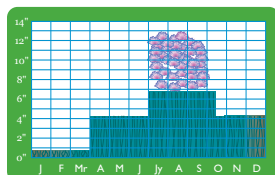


### Allium senescens var. glaucum

(ale-ee-um si-nes-enz glaw-kum)

Curly Onion ..... Zone 4+ .....

Deciduous



4" tall; 12" in flower. Full sun to light shade. Marvelous for late summer and fall color when it bears loads of pink, balloon shaped flower heads, curly onion is also a splendid foliage plant spring to mid summer. At this time, it garners attention for its flattened and twisted (curly), blue-gray foliage. Carried in dense hummocks, its foliage is unique.

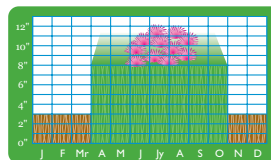


### Allium senescens subsp. montanum

(ale-ee-um si-nes-enz mon-tay-num)

Mountain Garlic ..... Zone 5+ .....

Deciduous



6"-10"; full sun to light shade. Amazingly easy to grow, this durable allium is neat, tidy and trouble free. On top of that, it is extremely ornamental. As a foliage plant it displays blemish free, vibrant medium green, leathery textured, vertically oriented, 10 inch long elliptical (in cross section) straplike leaves. Held in tight clusters, the attractive foliage, all by itself, makes this a worthy garden specimen. But couple this with dozens of 2 inch clusters of vibrant pink-purple florets, carried mid summer in ballonlike fashion (8 inches above the foliage), and you have a plant that's just plain fun.



## Accent Plant Recommendations

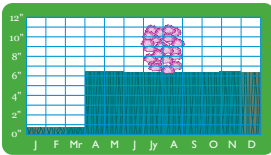


### Allium senescens 'Pink Pepper'

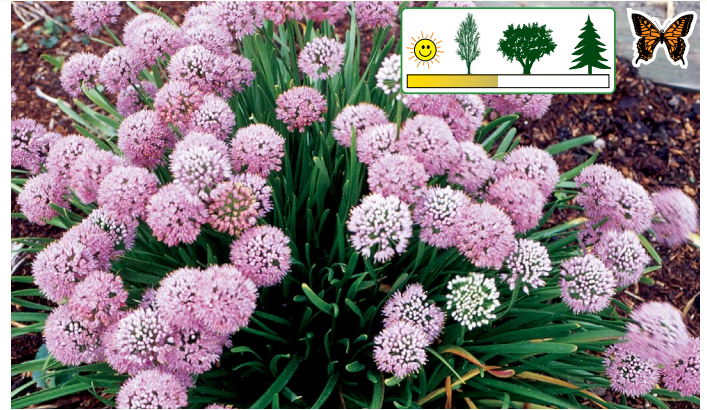
(ale-ee-um si-nes-enz)

'Pink Pepper' Ornamental Chive..... Zone 4+ .....

Deciduous



8"-10"; full sun to light shade. Tight clumps of glossy green straplike foliage, are complemented by numerous round heads of mostly sterile, clear pink flowers during midsummer.

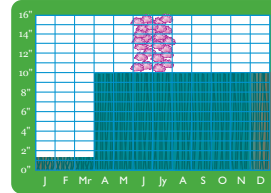


### Allium tanguticum Balloon Bouquet® ('Noneuq')

(ale-ee-um tan-gew-ti-kum) Plant Patent #22115

Balloon Bouquet® Ornamental Chive..... Zone 4+ .....

Deciduous



10"-12"; flowers carried at 16". Full sun to light shade. Balloon Bouquet® is a mid-sized selection with outstanding floral character. Fully budded by June, its balloonlike heads of clear pink flowers burst open in July. A great butterfly attractor, Balloon Bouquet® is durable, drought tolerant, long lived and excellent for any sunny green roof application.

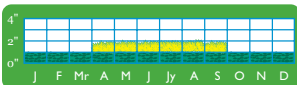


### Delosperma basuticum

(del-oh-sper-ma)

White-eyed Ice Plant..... Zone 6+ .....

Evergreen



1"-2"; full sun. Very tight succulent foliage that resemble jelly beans. Blooms in mid-April to May with a sunny yellow daisy-like blossom, highlighted with a white center.



### Delosperma congestum 'Gold Nugget'

(del-oh-sper-ma con-jes-tum)

'Gold Nugget' Hardy Ice Plant..... Zone 6+ .....

Evergreen



1"; full sun. Extremely florific and shockingly bright, 'Gold Nugget' blooms during spring with brilliant yellow flowers that all but smother its succulent mid-green foliage. 'Gold Nugget' is slow spreading, and therefore should only be combined with other slow spreading plants of similar height. Otherwise, it is apt to be overrun by its neighbors.

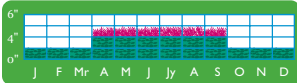


## Accent Plant Recommendations



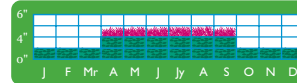
**Delosperma cooperi**  
(del-oh-sper-ma)

Ice Plant ..... Zone 6+ ..... **Evergreen**  
 5"; full sun. Prostrate habit with leaves that are about 2-3/16 inches (5.5 cm) long by 1/4 inch (0.6 cm) wide by 3/16 of an inch (0.5 cm) thick, nearly cylindrical but flattened on the top. It takes heat well and needs very little water to keep looking good.



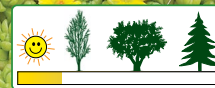
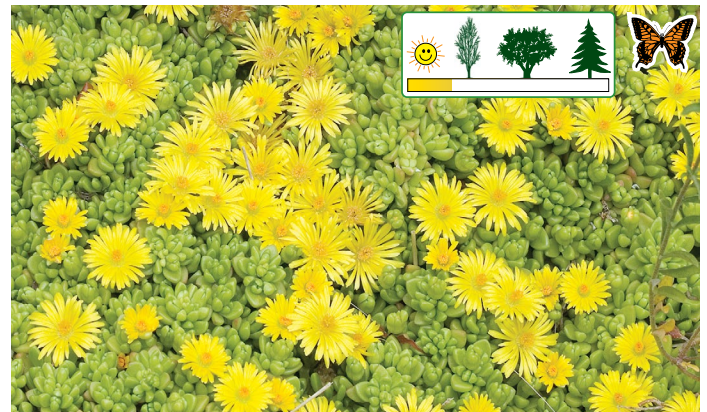
**Delosperma dyerii**  
(del-oh-sper-ma)

Ice Plant ..... Zone 6+ ..... **Evergreen**  
 5"-6"; full sun. Noted most for the unusual flower color. Exposure to sunlight fades the flower color over time, giving multiple shades of red on the same bloom.



**Delosperma 'Lavender Ice'**  
(del-oh-sper-ma)

Ice Plant ..... Zone 6+ ..... **Evergreen**  
 5"-6"; full sun. Showy light purple flowers that bloom beginning late spring until frost. Large leaves and fast growth are great for rapid cover or draping over an edge.

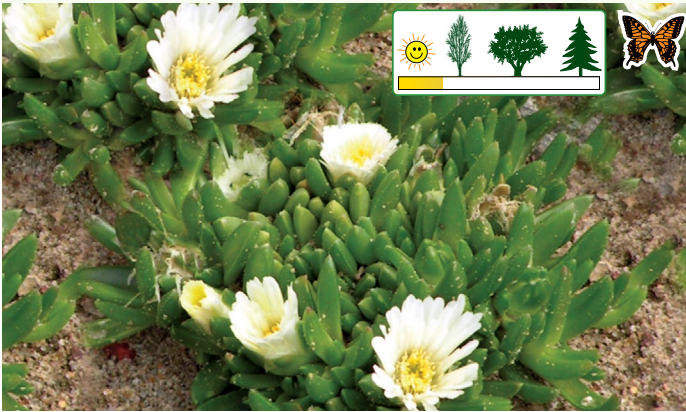


**Delosperma nubigenum**  
(del-oh-sper-ma)

Hardy Yellow Ice Plant ..... Zone 5+ ..... **Evergreen**  
 2-3"; full sun. More cold hardy, but not quite as heat tolerant as some Delospermas. Yellow blooms in spring. Foliage turning pink in cooler fall weather.







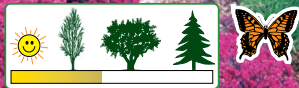
**Delosperma nubigenum 'Basutoland'**  
(del-oh-sper-ma)

Hardy Yellow Ice Plant ..... Zone 5+ ..... **Evergreen**  
 2-3", full sun. More cold hardy than many of the other Delospermas. Bright yellow blooms in spring only. Foliage turns an amazing bright pink in cold weather. Flower color slightly brighter than the straight species.



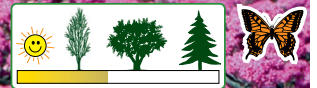
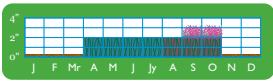
**Euphorbia myrsinites**  
(you-fore-bee-a mur-sin-eye-teez)

Myrtle Euphorbia ..... Zone 5+ ..... **Deciduous**  
 2" - 6"; full sun to light shade. Named for its resemblance to the genus Myrsine, myrtle euphorbia is an extremely drought resistant Mediterranean evergreen. Durable and cold tolerant, myrtle euphorbia is known for its close set, spiraling, fleshy, bright blue-green, oval to spatula-shaped foliage, borne upon thick sprawling stems. Well budded by September, and topped mid-spring to early summer with vivid chartreuse-yellow flowers, myrtle euphorbia is an eye popper and great in combination with sedums and alliums.



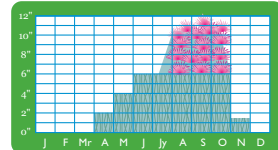
**Sedum cauticola 'Sunset Cloud'**  
(see-dum kaw-ta-kole-a)

'Sunset Cloud' Sedum ..... Zone 4+ ..... **Deciduous**  
 2" - 3"; full sun to light shade. Compact, carefree, colorful and floriferous are the most appropriate adjectives for describing 'Sunset Cloud'. 'Sunset Cloud' reaches only 2-3 inches tall with rich foliage that is bluish purple early season becoming rich purplish red by August. Then, around the first of September, its well budded flower clusters open to reveal a smothering of dusky rich pinkish red flowers. Long lasting, the flowers continue into October. 'Sunset Cloud' is a fine accent plant, great in combination with other LiveRoof plants.



**Sedum 'Carl'**  
(see-dum)

'Carl' Sedum ..... Zone 4+ ..... **Deciduous**  
 6" - 12"; full sun to light shade. From England, 'Carl' is distinct among the upright sedums for its bushy compact habit, bluish foliage, and very bright, very large, exceedingly vibrant pinkish-red, late summer and fall blooming flowers.



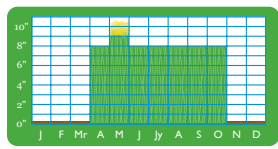




## Sedum kamschaticum 'Takahira Dake'

(see-dum kam-chat-i-kum ta-kah-hee-rah dah-kay)

'Takahira Dake' Kamschatka Sedum..... Zone 3+ ..... **Deciduous**



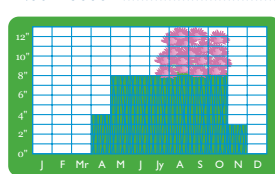
6"-10"; full sun to light shade. Robust and clump forming, 'Takahira Dake' sends out stout ascending stems which carry densely set, vibrant green, scallop edged succulent leaves. Neat, compact and requiring little maintenance, 'Takahira Dake' is a strong bloomer, covered with bright yellow flowers, and makes a nice show during early summer.



## Sedum spectabile 'Neon'

(see-dum spek-tab-i-lee)

'Neon' Sedum..... Zone 3+ ..... **Deciduous**



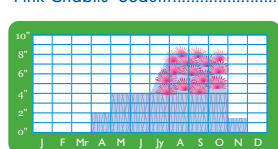
10"-14"; full sun to light shade. Selected as a mutation of Sedum 'Brilliant' (at The Ivy Farm in Locustville, VA) for intense deep purplish pink flowers., 'Neon' displays flowers that are deeper rose pink arranged in thick rounded clusters. A great addition for late summer and fall color.



## Sedum spectabile 'Pink Chablis'

(see-dum spek-tab-i-lee) **Plant Patent Applied For**

'Pink Chablis' Sedum..... Zone 3+ ..... **Deciduous**



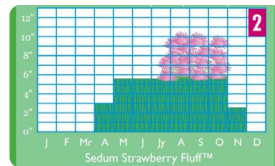
8"-12" tall, full sun to light shade. Selected by Chris Howe of Hortech, 'Pink Chablis' is an exceptional accent plant with variegated leaves of blue green surrounded by broad edges of creamy white. 'Pink Chablis' is also remarkable for its white flower buds that are followed by clusters of vibrant pink flowers.



## Sedum Strawberry Fluff™ ('Nonful')

(see-dum)

Strawberry Fluff™ Sedum..... Zone 3 ..... **Deciduous**



4"-8"; full sun to light shade. Strawberry Fluff™ sedum features profusely borne, deep pink, large panicles of star shaped flowers during late summer. It's foliage is blue-green and reading, clear green leaved, snow white flowered cultivar with great resistance to heat, drought and cold.





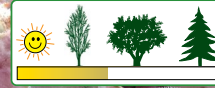
## Sempervivum arachnoideum

(sem-per-vye-vum a-rak-noy-dee-um)

Cobwebbed Hen and Chicks ..... Zone 3+ ..... **Evergreen**



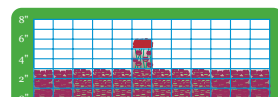
1"-2"; full sun to light shade. Cobwebbed hen and chicks is an amazing and curious plant for its leaf tips that are crisscrossed with a dense network of whitish gray spiderweb-like hairs. Each evergreen, succulent blue-green rosette reaches 1/2 to 1 inch wide, and during midsummer the large ones (the hens) send up thin leafy stalks that bear clusters of rose-red flowers at their tops.



## Sempervivum 'Red Heart'

(sem-per-vye-vum)

'Red Heart' Hen and Chicks ..... Zone 5+ ..... **Evergreen**



3"-4"; full sun to light shade. A robust mid-sized hen and chick, 'Red Heart' displays vibrant silver-blue evergreen rosettes with rosy red centers which soften to pretty pink during mid summer.



## Talinum calycinum

(ta-lie-num kal-i-si-num)

Large Flowered Rock Pink ..... Zone 5+ ..... **Deciduous**



2"-3"; full sun to light shade. Native to the plains of North America, this unique succulent deciduous wildflower produces 6-inch-tall wire-like stems that carry bright pink, wind-responsive flowers during the summer months. The flowers are unique in that they open only in the sun, and typically only for about 3-4 hours per day.



## Sedum x 'Vera Jameson'

(see-dum)

'Vera Jameson' Sedum ..... Zone 3+ ..... **Deciduous**



4"-8"; full sun to light shade. 'Vera Jameson' is one of the finest clump forming stonecrops for color and ease of care. During midsummer it displays a multitude of 4 inch wide pink flower heads—each nicely set off by the marvelous bluish green succulent deciduous foliage. As fall approaches the bluish green leaves become increasingly purple.





Just a few accent plants can really enhance the visual impact of a LiveRoof planting. Here, *Euphorbia myrsinites* adds a pop of color with cool blue foliage and sunny yellow blooms.



The plants in the LiveRoof plant catalog are designed to be used in either the Standard, Lite, Deep or Maxx modules. But, with the Deep System, the customer may also consider using a broader range of hardy perennials to create the look of a more traditional garden setting, or to create a native prairie.

The plant palette for the Deep system is quite broad, provided irrigation is ample (which should always be the case when traditional perennials or prairie plants are used). And, because the plant palette is broad, your LiveRoof grower should be consulted for plant selections. Keep in mind, however, not all perennial plants will work on a rooftop or in 6 or 8 inches of soil. A 10 foot tall grass may not be happy in 6 or 8 inches of soil, and neither will plants that are marginally cold tolerant.

Plants that are expected to perform best in the Deep or Maxx Systems are extremely cold/drought/heat tolerant, smaller to midsized perennials and grasses. At the bottom of the page is a list of such plants.

### Also keep in mind the following:

**Irrigation:** Irrigation should be considered mandatory. Without it, traditional perennials and natives will struggle to survive in summer, or would be severely stunted. Irrigation should occur frequently enough to prevent wilting, and will vary with site, season, and plant material.

**Fertilizer:** Fertilizer will vary with plant selection, exposure, and irrigation practices. Soil should be sampled annually and fertilizer applied as needed.

### Perennials and Ground Covers for Deep Modules

Achillea Selections (Yarrow)  
 Agastache x 'Blue Fortune' (Anise Hyssop)  
 Allium Selections (Ornamental Onions)  
 Amsonia Selections (Blue Star)  
 Anemone hybrida or Anemone tomentosa Selections  
 Asclepias tuberosa (Butterfly Weed)  
 Aster novae-angliae (New England Aster)  
 Bergenia purpurascens  
 Calamintha (Calamint Savory)  
 Coreopsis 'Zagreb' ('Zagreb' Threadleaf Coreopsis)  
 Dianthus Selections (Hardy Carnations)  
 Echinacea Selections (Coneflowers)  
 Epimediums  
 Geranium macrorrhizum 'Ingwersen's Variety'  
 Hemerocallis Selections (Daylily)  
 Hostas  
 Iris cristata  
 Liatris (Spike Gayfeather)  
 Liriope spicata (Creeping Lily-turf)  
 Meehanian cordata  
 Origanum 'Herrenhausen' (Ornamental Oregano)  
 Perovskia Selections (Russian Sage)  
 Phlox divaricata  
 Phlox paniculata Cultivars  
 Rudbeckia Selections (Black Eyed Susan)  
 Salvia nemorosa Selections (Sage)

Sedums (tall selections)  
 Solidago species (Goldenrod)  
 Veronica Selections  
 Veronicastrum Selections (Culver's Root)  
 Vinca minor (Periwinkle)  
 Waldsteinia ternata (Barren Strawberry)  
 Andropogon, smaller forms (Big Bluestem)

### Grasses for Deep Modules

Buchloe dactyloides Legacy®  
 Buchloe dactyloides Prestige™  
 Calamagrostis Selections (Feather Reed Grasses)  
 Carex pennsylvanica (Pennsylvania Sedge)  
 Chasmanthium latifolium (Northern Sea Oats)  
 Festuca (Blue Fescue)  
 Leymus 'Blue Dune' ('Blue Dune' Wild Rye)  
 Panicum Selections (Switch Grass)  
 Poa praetensis BELLA Bluegrass™  
 Schizachyrium scoparium (Little Bluestem)  
 Sesleria autumnalis (Autumn Moor Grass)  
 Sorghastrum nutans Selections (Indian Grass)  
 Sporobolus heterolepis (Prairie Dropseed)



Ground Covers & Perennials



Achillea Selections  
(Yarrow)



Agastache x  
'Blue Fortune'  
(Anise Hyssop)



Allium Selections  
(Ornamental Onions)



Amsonia Selections  
(Blue Star)



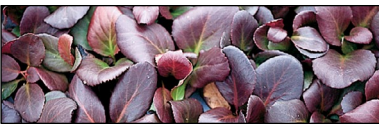
Anemone tomentosa  
and hybrida Selections  
(Windflower)



Asclepias tuberosa  
(Butterfly Weed)



Aster novae-angliae  
(New England Aster)



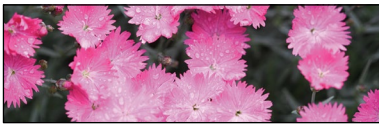
Bergenia purpurascens  
(Purple Bergenia)



Calamintha  
(Calamint Savory)



Coreopsis 'Zagreb'  
( 'Zagreb' Threadleaf  
Coreopsis)



Dianthus Selections  
(Hardy Carnations)



Echinacea Selections  
(Coneflowers)

Ground Covers & Perennials



Epimedium Selections



Geranium  
macrorrhizum  
'Ingwersen's Variety'



Hemerocallis Selections  
(Daylily)



Hosta Selections



Iris cristata  
(Crested Iris)



Liatris  
(Spike Gayfeather)



Liriope spicata  
(Creeping Lily-turf)



Meehan's Mint  
(Meehan's Mint)



Ornamental Oregano  
(Ornamental Oregano)



Russian Sage  
(Russian Sage)



Phlox divaricata



Phlox paniculata  
Cultivars

Deep System



Ground Covers & Perennials



Rudbeckia Selections  
(Black Eyed Susan)



Salvia nemorosa  
Selections (Sage)



Sedums  
(tall selections)



Solidago species  
(Goldenrod)



Veronica Selections



Veronicastrum  
Selections  
(Culver's Root)



Vinca minor  
(Periwinkle)



Waldsteinia ternata  
(Barren Strawberry)



Andropogon,  
smaller forms  
(Big Bluestem)



Buchloe dactyloides  
Legacy®



Buchloe dactyloides  
Prestige™



Calamagrostis Selections  
(Feather Reed Grasses)

Grasses



Carex pennsylvanica  
(Pennsylvania Sedge)



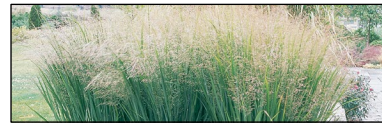
Chasmanthium  
latifolium  
(Northern Sea Oats)



Festuca (Blue Fescue)



Leymus 'Blue Dune'  
( 'Blue Dune'  
Wild Rye)



Panicum Selections  
(Switch Grass)



Poa praetensis BELLA  
Bluegrass™



Schizachyrium  
scoparium  
(Little Bluestem)



Sesleria autumnalis  
(Autumn Moor Grass)



Sorghastrum nutans  
Selections  
(Indian Grass)



Sporobolus heterolepis  
(Prairie Dropseed)

Deep System

Grasses



With irrigation, the following perennial genus can be incorporated into the LiveRoof Modular Green Roof System:

### Natives for Sun

<i>Allium cernuum</i> *	<i>Liatriis spicata</i> *
<i>Andropogon gerardii</i>	<i>Monarda fistulosa</i> *
<i>Asclepias tuberosa</i> *	<i>Panicum virgatum</i> *
<i>Aster nova-angliae</i> *	<i>Phlox subulata</i> *
<i>Carex stricta</i> *	<i>Rudbeckia fulgida</i> *
<i>Chrysogonum virginianum</i>	<i>Schizachyrium scoparium</i> *
<i>Coreopsis verticillata</i> *	<i>Solidago sempervirens</i> *
<i>Eupatorium purpureum</i>	<i>Sorghastrum nutans</i>
<i>Geranium maculatum</i> *	<i>Talinum calycinum</i> *
<i>Heliopsis helianthoides</i> *	<i>Yucca filamentosa</i>
<i>Iris versicolor</i>	

\* Indicates Riverbend Greenroofs plug inventory

### Natives for Shade (For all: Use only if part shade to full shade and irrigation provided)

<i>Adiantum pedatum</i>	<i>Osmunda cinnamomea</i>
<i>Aruncus dioicus</i>	<i>Osmunda regalis</i>
<i>Athyrium felix-femina</i>	<i>Phlox divaricata</i>
<i>Dicentra canadensis</i>	<i>Phlox stolonifera</i>
<i>Dryopteris marginalis</i>	<i>Polemonium reptans</i>
<i>Huchera villosa</i>	<i>Polygonatum biflorum</i>
<i>Mertensia virginica</i>	



**Plant Name**

Allium cernuum ..... 35  
 Allium schoenoprasum 'Forescate' ..... 35  
 Allium senescens var. glaucum ..... 35  
 Allium senescens subsp. montanum ..... 35  
 Allium senescens 'Pink Pepper' ..... 36  
 Allium tanguticum Balloon Bouquet® ('Noneuq') ..... 36  
 Delosperma basuticum ..... 36  
 Delosperma congestum 'Gold Nugget' ..... 36  
 Delosperma cooperi ..... 37  
 Delosperma dyerii ..... 37  
 Delosperma 'Lavender Ice' ..... 37  
 Delosperma nubigenum ..... 37  
 Delosperma nubigenum 'Basutoland' ..... 38  
 Euphorbia myrsinites ..... 38  
 Sedum acre 'Aureum' ..... 26  
 Sedum acre Olivia's Gold™ ('Nondl') ..... 24  
 Sedum album 'Atropurpureum' ..... 22  
 Sedum album 'Coral Carpet' ..... 22  
 Sedum album Green Tide™ ('Nonedit') ..... 25  
 Sedum album 'Hildbrantii' ..... 25  
 Sedum album 'Murale' ..... 22  
 Sedum 'Carl' ..... 38  
 Sedum caudicola 'Sunset Cloud' ..... 38  
 Sedum ellacombianum ..... 26  
 Sedum floriferum Emerald Carpet™ ('Nonpetra') ..... 28  
 Sedum floriferum 'Weihenstephaner Gold' ..... 26  
 Sedum floriferum Winter Mahogany® ..... 26  
 Sedum hybridum 'Czar's Gold' ..... 27  
 Sedum hybridum 'Immergrunchen' ..... 27  
 Sedum kamtschaticum ..... 27  
 Sedum kamtschaticum 'Kurilense' ..... 27  
 Sedum kamtschaticum 'Takahira Dake' ..... 39  
 Sedum reflexum Blue Dawn® ..... 21  
 Sedum reflexum Blue Shimmer® ('Nonremm') ..... 21  
 Sedum reflexum Blue Spruce® ..... 21  
 Sedum reflexum Purple Frost™ ('Nontserl') ..... 21  
 Sedum reflexum GreenGlow® ..... 28  
 Sedum reflexum Moonshadow® ..... 24  
 Sedum reflexum Pine Forest™ ('Nontserf') ..... 28  
 Sedum reflexum Spring Green® ..... 28

Sedum reflexum Sunsplash® ..... 24  
 Sedum reflexum Sun Touched® ..... 29  
 Sedum rupestre 'Angelina' ..... 24  
 Sedum sexangulare ..... 29  
 Sedum spectabile 'Neon' ..... 39  
 Sedum spectabile 'Pink Chablis' ..... 39  
 Sedum spurium 'Album Superbum' ..... 25  
 Sedum spurium Cinnabar® ('Nonrab') ..... 22  
 Sedum spurium 'Dragon's Blood' ..... 30  
 Sedum spurium 'Elizabeth' ..... 23  
 Sedum spurium 'John Creech' ..... 30  
 Sedum spurium Moonshine® ..... 24  
 Sedum spurium Pancake Plnk™ ('Nonkink') ..... 30  
 Sedum spurium 'Roseum' ..... 30  
 Sedum spurium 'Royal Pink' ..... 31  
 Sedum spurium 'Summer Glory' ..... 31  
 Sedum stefco ..... 25  
 Sedum Strawberry Fluff™ ('Nonfful') ..... 39  
 Sedum takasiemense Atlantis® ..... 29  
 Sedum takesimense 'Gold Carpet' ..... 29  
 Sedum x 'Vera Jameson' ..... 40  
 Sempervivum arachnoideum ..... 40  
 Sempervivum 'Red Heart' ..... 40  
 Talinum calycinum ..... 40





## History and Background

Riverbend Greenroofs has been a LiveRoof Affiliated Grower since 2006. Our LiveRoof territory covers the states of New Jersey, Delaware, Virginia, Maryland, North Carolina, District of Columbia and several counties in West Virginia, Pennsylvania and South Carolina. The 40 acre Childress farm is primarily set up for our LiveRoof portion of the business. Through the end of 2021, we have sold over 621 projects totaling over 1.6 million square feet.

Riverbend Nursery is a progressive container grower of quality perennials, herbs, groundcovers, and ornamental grasses. A Wholesale Only grower, Riverbend sells to independent garden centers, landscapers, and distributors. Riverbend Nursery primarily services the Mid-Atlantic States. Our main facility is situated on 100 acres in Riner, Virginia and is located in the southwestern portion of the state. The scenic Little River surrounds the property on three sides in the beautiful Blue Ridge Mountains. Fifty eight acres are utilized for production; 31 acres in container crops and 7 in field production. A total of over 2.5 million containers are grown annually. Over 1100 varieties are produced in both heated and unheated greenhouses and 70% of these are propagated in-house.

Our Contact Information is as follows:

Riverbend Nursery, LLC.  
1295 Mt. Elbert Road NW  
Riner, VA 24149  
540.763.3362  
800.638.3362 toll free  
540.763.3357 fax







RIVERBEND  
GREENROOFS

RoofTop Proven™  
Green Roof Mixes &  
Green Roof Plants

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