

ARE MANY OF YOUR 50 PLUG VARIETIES BLOOMING TOO EARLY??

If any of your 50 Plug perennial varieties are blooming too early, Scott's "50 Plug Slow, Medium & Fast Growing Perennial Schedule" (page 86 in our catalog) is designed to help "fix" this scheduling problem!

In a nutshell: (simple version)

SEPARATE FAST GROWING PLUG VARIETIES

When you receive your plugs, plant all of the varieties EXCEPT the FAST growers (highlighted in orange on the schedule). These items will be planted at a later date.

HOLD THE FAST GROWING PLUG VARIETIES

Place these FAST growing plugs, that have not been planted, in a cool greenhouse (32° - 50° temperatures day & night), OR place them in a cooler at 31° - 35°. The plugs may be placed on a cart or bench. They can also be held in the box in which they arrived, if kept below 35°. While holding the plugs, keep them moist (no feed); and fungicide only if necessary.

Hold the plugs for 2 weeks if your growing temperature is above 60° nights.

Hold the plugs for 3 weeks if you are growing below 60° nights.

PLANT THE FAST GROWING PLUG VARIETIES

After the 2 – 3 week holding period, plant the plugs and place them in the greenhouse with the Medium and Slow growing varieties that you planted when the shipment first arrived.

SELL YOUR PERFECTLY TIMED CROP!

This should bring all of your plants to a blooming or ready stage at about the same time AND should keep the fast growing plants more compact, increasing quality!


















For even more exact timing options, follow the Slow, Medium, & Fast-Growing Perennial Schedule making sure to separate the Medium growing varieties (the blue colored "M" on the "Scheduling Made Easy" guide), and hold them in the cool environment (with the fast varieties) for 1 week, then transplant at Week 2.
















STILL CONFUSED?

Call Chris Fifo in our Technical Service Department at 641-478-3217, or email him at: chrisf@swiftgreenhouses.com. He will be happy to assist you.

50 PLUG SLOW, MEDIUM & FAST - GROWING PERENNIAL SCHEDULE

HOW TO BRING ALL YOUR PERENNIALS UP TO SIZE IN 4-6" POTS AT THE SAME TIME.

Slow (S) = 8-9 weeks Medium (M) = 7-8 weeks Fast (F) = 5-6 weeks		
Week 1: Plant SLOW growing varieties. Temperatures: 68° - 70° Nights, 68° - 70° Days.		
Week 2: Plant MEDIUM growing varieties. Temperatures: 68° Nights, 66° - 68° Days.		
Week 3-4: Plant FAST growing varieties. Temperatures: 65° - 68° Nights, 65° - 66° Days.		
Week 5-7: Growing Temperatures: 62° - 64° Nights, 60° - 63° Days Minimum & 10-15° Diff. recommended.		
Holding Temperatures: 50° - 55° Nights, 50° - 55° Days		
This schedule allows you to grow most of your perennials in 1 House in January or February. Plant the Slow growing varieties 8-9 weeks before your sale date (hold Medium & Fast varieties in a cooler or below 50°), Medium growing varieties 7-8 weeks before sale, and Fast growing varieties 5-6 weeks before sale. For March planted plugs, deduct 1-2 weeks finish time. For 6" or Gallons add 1-2 weeks.		
ACHILLEA (Yarrow)	ANTHEMIS Tinctoria-Marguerite Daisy	CAMPANULA (Bell Flower)
M All varieties except:	M Kelwayi	S All varieties except:
S Coronation Gold	AQUILEGIA (Columbine)	M Glomerata Superba
S Moonshine	M All varieties except:	F Medium Cups & Saucers (Canterbury Bells)
ACTINIDIA Kolomikta 	F Cameo Mix	M Persicifolia Alba & Blue
S Kiwi Vine (male & female)	F Little Lanterns	M Poscharskyana
ADENOPHORA (Lily Leaf Lady Bells)	F Spring Magic Series	M Rotundifolia Olympica
S Lilifolia	ARABIS (Rock Cress)	CARNATION Grenadin-Dianthus Caryophyllus
AEGOPODIUM Variegatum	F All varieties	M All varieties
S Snow on the Mountain	ARENARIA Montana (Sandwort)	CATANANCHE (Cupid's Dart)
AGAPANTHUS Praecox 	M Avalanche	S Caerulea
S Umbellatus (Blue Umbrella)	ARMERIA	CELASTRUS SCANDENS 
AGASTACHE (Hyssop)	M All varieties	S Indian Mix (American Bittersweet)
M Honeybee Blue (Urticifolia) (24")	ARTEMISIA 	CENTAUREA (Bachelor Button)
M Lavender Hyssop (Foeniculum) (3')	S All varieties except:	M All varieties
S Rupestris Sunset Hyssop (Orange)	M Valerie Finnis	CENTRANTHUS Ruber (Jupiter's Beard)
S Sinning Sonoran Sunset	M Oriental Lime Light	M All varieties
AJUGA	ARUNCUS (Goat's Beard) 	CERASTIUM Tomentosa-Snow in Summer
M All varieties except :	S All varieties	M Silver Carpet
S Burgundy Glow (Tricolor)	ASCLEPIAS 	CERATOSTIGMA (Leadwort) 
S Golden Glow	S All varieties	S Plumbago
S Silver Varigated	ASPARAGUS	CHEIRANTHUS Allioni (ERYSIMUM)
AKEBIA Quinata 	F Mary Washington	F Orange
S Chocolate Vine	ASTER	CHELONE (Turtle's Head)
ALCHEMILLA Mollis (Lady's Mantle)	S All varieties	M Barbata
M Thriller	ASTILBE 	S Obliqua (Pink or White) 
ALLIUM 	S All varieties	CHRYSANTHEMUM 
S Cernuum Nodding Pink Onion	AUBRIETA (Rock Cress)	M Ajania Pacificum
ALYSSUM (AURINIA)	F All varieties	S Rubellum clara Curtis
M Saxatile Compactum Gold Dust	BAPTISIA Australis 	CLEMATIS
AMELOPSIS Elegans 	S All varieties	M All varieties except:
S Porcelain Vine	BELLIS Perennis (English Daisy)	S kermisia
ANACYCLUS Depressus (Mat Daisy)	F All varieties	COREOPSIS Auriculata
M Garden Gnome	BERGENIA Cordifolia	M Nana
ANAPHALIS Margaritacea-Pearly Everlasting	M Saxifraga	COREOPSIS Grandiflora
M New Snow	BOLTONIA Asteroides 	M All varieties
ANCHUSA Capensis	S All varieties	COREOPSIS Verticillata 
M Blue Angel	BUDDLEIA Davidii (Butterfly Bush)	S All varieties except:
ANEMONE	S All varieties	M Alba
S All varieties	CALLICARPA (Japanese Beauty Berry) 	M Rose
ANTENNARIA (Littleleaf Pussytoes)	S Japonica	CORONILLA
S Parvifolia	CALLIRHOE Involucrata	M Crown Vetch
	S Wine Cups	CYMBALARIA Muralis
		M Kenilworth Ivy

DELOSPERMA-Ice Plant	GRASSES	HIBISCUS 
S All varieties	M All varieties except:	S All varieties
DELPHINIUM	S Blue Eyed Grass 	HOLLYHOCK
M All varieties except:	F Bunny Tails-Lagurus Ovatus (Zone 10)	M All varieties except :
S Butterfly Blue	S Corkscrew Rush-Juncus Spiralis 	S Sidalcea Party Girl (False Mallow)
S Laurin (Orange Red)	S Crimson Fountain(Annual)-Pen Rubrum 	HONEYSUCKLE (LONICERA)
S Summer Series (Blues, Nights, Stars)	S Prairie Dropseed (Sprbls Heterolepis-Native) 	S All varieties
DIANTHUS	S Little Bluestem & Blaze 	HOUTTUYNIA Cordata
M All varieties except:	GYPSOPHILA (Baby's Breath)	S Chameleon
S Alwoodi Helen	S All varieties except:	HYPERICUM (St. John's Wort) 
F Barbatus Bouquet Purple	F Pacifica (Light Pink)	S All varieties
F Bath's Pink	F Paniculata Single	IBERIS Sempervirens
S Dessert Series	F Paniculata Snow White Double	M All varieties
F Hybrida Rainbow Loveliness	HEDERA HELIX	JASIONE
S Raspberry Surprise	S All varieties	S Perennis (12" Sky Blue)
S Star Series	HELENIUM Autumnale-Sneezeweed	KNAUTIA
DIGITALIS (Foxglove)	M Helena Mix	M All varieties
F All varieties except:	HELIANTHEMUM Nummularium	KNIPHOFIA (TRITOMA) (Red Hot Poker)
M Ambigua Carillion Temple Bells	S Mutabile (Sun Rose)	M Flamenco Mix
M Obscura Sunset	HELIOPSIS-Orange Sunflower 	LAMIUM
M Thapsi Spanish Peaks	M Summer Sun	M All varieties except :
DORONICUM (Leopardbane)	HEMEROCALLIS	S Galeobdolon Herman's Pride
F All varieties	S Stella de Oro	S Maculatum Anne Greenway
ECHINACEA (Coneflower) 	HERBS, Mints	S Maculatum Beedham White
S All varieties	F All Mint varieties except :	LATHYRUS (Perennial Sweet Pea)
ECHINOPS Ritro	M Corsica	M Latifolius Mix
M Globe Thistle	M Ginger (Varigated) 	LAURENTIA (IOSTOMA)
ERIGERON Speciosus-Fleabane	HERBS, Perennial	M Fluviatilis (4" Blue)
S Azure Fairy (Blue)	F All Herb varieties except :	LAVATERA
ERINUS	M Lavender, French (Dentata)	M Thuringiaca
M Alpinus (Purple)	M Lavender, Hidcote	LEONTOPODIUM Alpinum
ERODIUM	M Lavender, Lady	M Edelweiss
S Chamaedryoides (5" Purple)	M Lavender, Munstead	LEPTINELLA
ERYNGIUM (Sea Holly)	S Lavender, Rosea Jean Davis 	S Platts Black
M Planum (Blue 3'-4')	S Lavender, Vera 	LEUCANTHEMUM SUPERBUM-Shasta Daisy
EUONYMOUS-Purple Leaf Winter Creeper	M Lemon Balm	M All varieties
S Coloratus	S Rosemary, Officinalis	LEWISIA Longepetala
EUPATORIUM (Joe Pye Weed) 	S Rosemary, O. Huntington Carpet	S Special Mix
S All varieties	M Sage - all varieties	LIATRIS
EUPHORBIA (Spurge) 	M Sweet Woodruff	M All varieties
S All varieties	M Tarragon French 	LINARIA
FILIPENDULA	M Thyme, English	M Purpurea
M Hexapetala	M Thymus, Mother of Thyme (Serphyllum)	LINUM (Flax)
FRAGARIA	HERNIARIA (Rupturewort)	M All varieties except:
M Lipstick	M Glabra	S Flavum Compactum
GAILLARDIA Aristata-Blanket Flower	HESPERIS Matronalis	LOBELIA
M All varieties	F Sweet Rocket Mix	M All varieties
GAURA	HETEROPAPPUS Meyendorffii	LUNARIA Biennis
M All varieties	S Blue Knol	F Honesty (Money Plant)
GAZANIA Linearis	HEUCHERA (Coral Bells)	LUPINE
S Colorado Gold	F All varieties except:	M All varieties
GERANIUM	M Crimson Curls	LYCHNIS
S All varieties	M Harvest Series	M All varieties except :
GEUM	S Melting Fire	F Angel Bush
M Chiloense (Lady Stratheden & Mrs. Bradshaw)	M Plum Pudding	F Viscaria Alpina
F Coccineum Cooky	M Silver Scrolls	LYSIMACHIA
S Triflorum Prairie Smoke	M Stormy Seas	M All varieties
	HEUCHERELLA (Heuchera x Tiarella)	MATRICARIA (TANACETUM)-Feverfew
	S Bridget Bloom	M All varieties

MAZUS	PLATYCODON Grandiflorus	SEDUM, continued
M Reptans	M All varieties except:	S Hispanicum
MONARDA (Bee Balm)	S Double Blue	S John Creech
M All varieties except :	S Sentimental Blue	S Makinoi Ogon
S Marshall's Delight (Pink)	POLEMONIUM <i>Caeruleum</i> -Jacob's Ladder	S Platycladus
S Petite Delight	M All varieties except:	S Purple Emperor
S Raspberry Wine	F Apricot Delight	S Sieboldii
MYOSOTIS (Forget Me Not)	POLYGONUM (Fallopia)	S Sieboldii Mediovariegatum
F All varieties	S Aubertii	S Spurium Coccineum Pink
NEPETA	POTENTILLA	SEMI-AQUILEGIA
M All varieties	M All varieties	M Ecalcarata
OENANTHE Fistulosa	PRIMULA (Primrose)	SEMPERVIVUM
M Flamingo (Pink Varigated Foliage)	M All varieties except:	S All varieties
OENOTHERA	F Pacific Giant Mix	SILENE
M All varieties except:	F Primadiente Rose	F Pendula Triumph Rose
S Missouri Primrose	PRUNELLA Grandiflora	SOLIDAGO Canadensis (Goldenrod)
OREGANO Ornamental	S All varieties	M Little Lemon
M Santa Cruz	PYRETHRUM TANACETUM -Painted Daisy	SPIREA Japonica
PACHYSANDRA	M All varieties	S Little Princess
S Terminalis	RANUNCULUS Repens	STACHYS Byzantina
PAPAVER (Poppy)	M Buttered Popcorn	M All varieties except:
M All varieties except :	RATIBIDA (Mexican Hat)	S Hummelo
F Alpine Mix	M All varieties except	STATICE (LIMONIUM)
F Nudicale Champaign Bubbles Series	S Pinnata Yellow Coneflower (Native)	M All varieties
F Nudicale Wonderland Mix	RHUBARB	STOKESIA Laevis
F Pacino	F Victoria	S All varieties
F Summer Breeze Mix	ROSA Chinensis -Chinese Miniature Rose	THALICTRUM Aquilegifolium
PARDANCANDA Norrisii	M Angel Wings	M Meadow Rue
M Candy Lily	RUBUS	THYMUS
PARTHENOCISSUS Tricuspidata	S Golden Beauty	M All varieties except :
S All varieties	RUDBECKIA	S Praecox Highland Crème
PASSIFLORA Caerulea	M All varieties except :	S Serphyllum Minus
S Passion Flower Vine (Zone7)	S Fulgida Goldsturm	TIARELLA (False Miterwort)
PENSTEMON	RUTA Graveolens	F Wherryi
M All varieties	M Blue Mound	TRADESCANTIA (Spiderwort)
PEROVSKIA Atriplicifolia	SAGINA Subulata	S All varieties
S All varieties	M All varieties	TRICYRTIS
PERSICARIA	SALVIA	S Samurai
M Painter's Palette	M All varieties except :	TRIFOLIUM Rubens
PHLOX	F Argentea (Silver Sage)	M Red Feathers
S All varieties except :	F Caradonna	TROLLIUS x Cultorum
F Divartica Blue (Woodland)	F May Night	S Gold Queen
M Chattahoochee	F Superba Rose	TRUMPET VINE-Campsis Radicans
M Divartica Plum Perfect	SANTOLINA Chamaecyparissus	S All varieties
M Stolinifera Home Fires	S Tomentosa	VERBASCUM Mullein
Subulata (Creeping Phlox)	SAPONARIA Ocymoides	F All varieties
F All Subulata varieties except:	M Soapwart	VERBENA Canadensis
S Drummons Pink	SAXIFRAGA (Rockfoil)	M All varieties except:
S Emerald Pink	F Purple Robe	F Toronto
PHYSALIS Alkekengi -Chinese Lantern	SCABIOSA (Pincushion Flower)	VERONICA
S Franchetti	S All varieties	M All varieties except :
PHYSOSTEGIA Virginiana	SEDUM	F Penduncularis Georgia Blue
M Crown of Snow	M All varieties except :	S Spicata Royal Candles
M Pink	S Cauticola Mini Ewersii	S Sunnyborder Blue
	S Dasyphyllum	VINCA MINOR
	S Dragons's Blood Tricolor	S All varieties


DETAILED 4½” POT SCHEDULING

(From Cold Treated 50-Plugs for Spring Sales)

* Refer to **'Slow, Medium & Fast Growing Perennial Schedule'** for 50 Plug varieties (page 86 In our catalog).

WEEK 1: Transplant **'Slow Growing'*** cold treated 50-plugs into 4½” to 1 quart pots January 15 through February (about 8 weeks before desired selling time) with a color label placed in each pot. **For March transplanting, deduct 1-2 weeks finish time.** Heat to 68°-70° nights and 68°-70° days for optimum growth for the first week. Start lighting long day varieties 3:00 a.m. – 7:00 a.m. with incandescent bulbs.

Varieties of Cold Treated 50-Plugs That Require Supplemental Lighting

(These varieties are also marked with a  {light bulb} on your 50-Plug List)

These varieties need supplemental lighting before March 30 to grow and bloom properly. Also, night time temperatures above 60°-65° are required. Begin lighting immediately after planting and light for 6-10 weeks, depending on plant response. It is possible for varieties to over-grow if lighted for too long at warm temperatures.

Actinidia Kiwi Vine	Chrysanthemum Ajania Pacificum	Herb: • French Tarragon	Physostegia Crown of Snow
Agapanthus	Clematis Radar Love & Kermisina	• Ginger Mint	Polygonum
Akebia Chocolate Vine	Coreopsis (All Verticillata)	• Lavender Jean Davis	Ratibida Pinnata Yellow
Allium Cernuum Nodding Pink Onion	Echinacea	• Lavender Vera	Rudbeckia Goldsturm
Ampelopsis Porcelain Vine	Eupatorium	Hibiscus <small>(do not grow below 65° nights)</small>	Sedum: • Bertram Anderson
Artemisia	Euphorbia, Chameleon & Polychroma	Houttuynia	• Cauticola Mini Ewersii
Aruncus	Grass: • All Native Prairie Grasses	Hypericum	• Dragons Blood Tri-Color
Asclepias	• Blue Eyed	Lobelia Great Blue	• Ewersii
Aster: • Alma Potschke	• Chinese Silver	Lysimachia: • Clethroides	• Frosty Morn
• Purple Dome	• Corkscrew Rush	• Beaujolais	• John Creech
• Woods (All)	• Corkscrew Rush Big Twister	Monarda: • Punctata Dotted Mint	• Kamtschaticum Variegatum
Astilbe Chinensis	• Crimson Fountain	• Grand Marshall	• Sieboldii & Mediovariegatum
Baptisia	• Fiber Optic	• Marshall's Delight	• Vera Jameson
Boltonia	• Fountain Grass	• Petite Delight	Stokesia
Campanula Carpatica	• Northern Sea Oats	Parthenocissus	Tradescantias
Celastrus (Bittersweet)	• Prairie Fire	Passiflora Passion Flower Vine	Tricyrtis Samurai
Ceratostigma (Plumbago)	• Raven Grass	Perovskias	Trumpet Vines
Chelone Obliqua	• Red Rooster	Phlox Paniculata	Verbena Shauna Ann
Chrysanthemum Clara Curtis	Heliopsis	Physalis	Veronica: • Sunnyborder Blue
			• Royal Candles

For successful lighting, use 100-150 watt, incandescent bulbs, 4-8' above the crop. 1 bulb per 100 trays is usually adequate or sodium HID lights supplying 25 foot candles or more will work. For large applications, HID "Beam Flickers" work well.

WEEK 2: Transplant **'Medium Growing'*** varieties and place in greenhouse with the slow growing crops, feed twice weekly 100 ppm 17-5-17 or 15-5-15. Apply fungicide drench after transplanting on problem crops. Use low ammonia feeds (such as 15-5-15), with low light. 68-70° Nights, 66-68° Days.

WEEK 3: Transplant **'Fast Growing'*** varieties and place in greenhouse with the slow and medium crops. Heat to 65°-68° nights, 65°-66° days, feed all items 1 application of 100-150 PPM ammonium nitrate fertilizer to promote rooting and continue to feed twice weekly if high light. An 8-10° DIF from 5am-9am can be used to keep plants compact. Apply Spectro every 30 days as needed.

WEEK 4-7: A temperature 'DIF' of 10°-15° can be used from 5am-9am to keep growth compact. Feed slow growing items with 100-200 ppm 17-5-17 (high light) or 150 ppm 15-5-15 (low light) and fast growing items with 15-5-15 to control growth. Drop night temperature to 62°-64°, day temperature to 60°-62°. Move any varieties that are not bulking properly to a warmer area. Move varieties growing/blooming too quickly to a cooler area.

WEEK 8: Drop night temperature to 52°-55° to hold plants, if necessary. Keep days as cool as possible (50°-55°). Fluctuate temperature as needed for growth (up for growth, down to hold). A 12-20° morning DIF is recommended from 5am-9am.

6” OR GALLON POT SCHEDULE

Add 1-2 weeks to the quart schedule.

HEIGHT MANAGEMENT FOR PERENNIALS

A. Water Management

1) Media

Well drained, good air porosity.

2) Wet/Dry Cycles

Know varieties that can handle being on the dry side and those that like to stay moist at all times;

Age of Crop: before implementing wet/dry cycles, make sure roots are established, especially on slow to root material.

B. DIF

“DIF” is running a cooler temperature at least 2 hours before sunrise to 2 hours after sunrise (i.e. 5:00 a.m. – 9:00 a.m.). It tones and conditions plants keeping them short and bulked.

Plugs: 2°-5°

Finished: 2°-5° after planting, 10°-15° after roots fill container

Adjust temperatures according to the growth of your crops;

Once established, perennials can be grown at cooler temperatures;

C. Fertilizers

1) Ammonium based fertilizers:

Give faster, softer growth and larger leaves;

Use on slow growing varieties;

Produce a darker green plant;

Use on sunny days;

Can lead to soft, poor quality growth if cloudy, and possible toxicity if used below 58° nights.

Varieties Preferring Ammonium (NH₄⁺) Based Fertilizers

Anchusa	Buddleia	Hibiscus	Poppies
Aquilegia	Campanula Clip Series	Leucanthemum Superbum	Salvia
Asclepias	Echinacea	Lupine	
Aster Alpine Mix	Heuchera	Monarda	

2) Nitrate based fertilizers:

Give slower growth;

Produce a lighter green plant;

Should be used on cloudy days/cool weather;

Can be used on sunny days for fast growing varieties.

Varieties Preferring Nitrate (NO₃) Based Fertilizers

Achillea	Carnations	Delphinium	Gaillardia
Alchemilla	Cerastium	Dianthus	Hollyhock
Arabis	Coreopsis	Digitalis	Rudbeckia
Bellis			

D. SCHEDULING

1) **Slow growing vs. fast growing:**

Slow growing varieties need 8-9 weeks to reach a saleable size and should be Planted a few weeks before fast growing varieties

2) **Planting Date:**

Plugs transplanted in March often finish 1-2 weeks faster than plugs planted in January & February.

3) **Multiple crops:**

Uniform quality over time, plants fresher, will bloom longer for retailer.
Knowledge gained from earlier crops can be applied to the later crops.

E. GROWTH REGULATORS

Should be viewed as a last resort;

Apply to control quality of growth not to stop growth;

Repeat applications may be necessary to control growth while allowing plant to fill out.

Know variety characteristics and at what stage of growth to apply.

Varieties Needing Growth Regulators

Recommendations based on 4-6" pots planted from cold-treated 50-plugs. Required ppm will vary.

These are only recommendations. **Always trial first!**

Unless otherwise noted, all varieties are 10 ppm Sumagic, repeat every 7-10 days as needed.

Achillea (seed varieties)	Delphinium Magic Fountains	Hibiscus	Poppies, Iceland & Oriental
Agastache	Delphinium Summers	Hollyhock	Rudbeckia Goldstrum
Aquilegia (tall varieties)	(10 ppm Sumagic 1 time only)	Lamium	Salvia
Arabis	Dianthus Barbatus,	Leucanthemum (tall varieties)	Sedum (tall varieties)
Asclepias	Zing Rose & Salmon	Liatris (will need Sumagic ASAP)	Sedum
Asters (tall varieties)	(most Deltoides should not	Linum	(short varieties once @ 10 ppm)
Bellis	need GR's)	Lupine	Saponaria
Buddleia	Digitalis	Monarda	Verbena
Carnation	Echinacea	(may need GR's 2-3 times)	Veronica Spicatas
Centaurea Montana	Gaillardia	Myosotis (may not need)	& Sunnyborder Blue
Chelone	Gaura	Penstemon	
Coreopsis	Gypsophila (All except Repens)	Phlox	
	Heuchera	Platycodon	

Remember, Growth Regulator Rates depend on:

- 1) Environment/Humidity;
- 2) Fertilizer Program;
- 3) Time of year (long day/short day). Under short days, plants don't "bolt" and will need less G.R., be cautious when going into short days;
- 4) Maturity of crop;
- 5) Scheduling;
- 6) Varieties.

Perennials that may have a negative effect from B-9: (B-9 may burn under high light)

Alchemilla Platycodon

Perennials that favor Sumagic over B-9: (better height control, more effective than B-9)

Aquilegia Asclepias Cerastium Delphinium Dianthus Gypsophila