

Groundcovers

Perennial & Woody

Latin	Common	Spacing	Sun/Shade
<u>Perennial</u>			
Achillea	Yarrow	8"-12"	FS
Ajuga	Bugleweed	8"-12"	S
Alchemilla	Lady's Mantle	6"-10"	SSh
Artemisia	Wormwood		FS
schmidtiana			
Armeria	Thrift	6"-10"	S
Arabis	Rock Cress	8"-12"	S
Asarum			
europeanum	European Ginger	8"-12"	SSh
Astilbe	Plume Flower	15"-18"	FS/SSh
Bergenia	Pig Squeak	15"-18"	SSH
Campanula	Bellflower	8"-12"	S
porscharskyana			
Cerastium	Snow in Summer	10"-12"	S
Ceratostigma	Leadwort	10"-12"	FS/SSh
Cornus	Dwarf Cornel	8"-12"	Sh
canadeisis			
Convallaria	Lily of the Valley	6"-8"	SSh/Sh
Coreopsis	Threadleaf Coreopsis	12"-24"	FS
verticillata			
Dianthus	Maiden Pinks	12"-18"	FS/SSh
deltoides			
Dicentra	Bleeding Heart	12"-16"	SSh
Disporum	Japanese Fairy Bells	12"-16"	SSh
Epimedium	Barrenwort	10"-12"	FS/SSh
Euonymus	Purple Wintercreeper	8"-10"	S/SSh
coloratus			
Ferns		varies 8"-10"	mostly shade
Festuca	Fescue	10"-16"	FS
Fragaria	Ornamental strawberry	8"-14"	FS/SSh
Galium	Sweet Woodruff	8"-12"	SSh
Geranium sang.	Blood red geranium	12"-18"	FS/SSh
Geranium	Big root geranium	12"-18"	SSh
macrorrhizum			
Grasses		see plant tags	
Gypsophilla	Creeping baby's breath	14"-24"	FS
repens			
Hedera	Ivy (English, Baltic)	6"-10"	FS-Sh
Helleborus	Lenten Rose	14"-24"	SSh
Helianthemum	Sun Rose	18"-24"	FS
Hemerocallis	Daylily	varies 14-30"	S/SSh
Heuchera	Coral Bells	12"-14"	S/SSh
Heucherella		12"-24"	S/SSh
Houttuynia	Chameleon Plant	8"-12"	FS/SSh
Hosta	Plantain Lily	12"-36"	SSh
Iberis	Hardy Candytuft	18"-24"	FS
sempervivens			
Iris cristata	Crested Iris	10"-14"	FS/SSh
Lamiastrum	False Lamium	12"-24"	Sh/SSh
Lamium	Deadnittle	12"-24"	Sh/SSh
Lavendula	Lavender	18"-24"	FS
Lysimachia	Creeping Jenny	10"-16"	FS/SSh
nummularia			
Liriope	Lilyturf	12"-16"	FS/Sh
Nepeta	Catmint	12"-18"	S/SSh
Pachysandra	Japanese Spurge	6-10"	SSh/SH
Persicaria	Virginia Knotweed	18"-24"	FS/Sh
Phlox	Creeping Phlox	10"-12"	FS/Sh
Phlox subulata	Moss pink	10"-12"	FS

Latin	Common	Spacing	Sun/Shade
<u>Perennial cont.</u>			
Prunella	Carpenter Weed	12"	FS
Pulmonaria	Lungwort	12"-18"	SSh
Sagina	Moss	6"-12"	SSh
Sanguinaria	Bloodroot	8"-12"	SSh
Sedum	Stonecrop	varies 6"-18"	FS
Sempervivum	Hen and Chicks	3"-5"	FS
Stachys	Lambs Ear	12"-16"	FS
Symphylum	Comfrey	16"-24"	FS/SSh
Teucrium	Germander	12"-16"	FS/SSh
Thymus	Thyme	8"-18"	FS/SS
Tiarella	Foamflower	12"-24"	SSh
Vancouveria	American barrenwort	10"-14"	SSh
Vinca	Periwinkle	10"-12"	FS/Sh
Vida		8"-12"	S/SSh
Waldsteinia	Mock strawberry	10"-16"	S/SSh
<u>Woody</u>			
Andromeda	Bog Rosemary	24"	FS/SSh/Moist
polifolia			
Arctostostaphylos	Bearberry	12"-24"	FS
Berberis (dwarf)	Barberry	2'-3'	FS
Calluna	Heather	18"-24"	FS
Comptonia	Sweetfern	4'-8'	FS/SSh/Dry
peregrina			
Cotoneaster	Quince	2'-3'	FS
Deutzia gracilis	Deutzia	2'-3'	FS
'Nikko'			
Erica variety	Heath	14"-20"	FS
Euonymous sp.		2'	SSh
Forsythia		3'	FS
Gautheria	Wintergreen	10"-12"	SSh
Gaylussacia	Box Huckleberry	2'-3'	FS/SSh
Hypericum	St. Johns Wort	2'-3'	S/SSh
calycinum			
Juniperus	Juniper	2'-3'	FS
(many varieties)			
Leucothoe	Leucothoe	3'	SSh
Lonicera	Honeysuckle	12"-3'	FS/SSh
Microbiota	Russian Cypress	3'-5'	S-Sh
decussata			
Parthenocissus	Virginia Creeper	2'-3'	FS/SSh
Polygonum			
Potentilla (dwarf variety)			
Rosa sp.		varies	FS
Sarcoccca	Sweetbox	12"-16"	SSh
Spirea		12'-3'	FS
Stephandra		2 1/2'-3'	FS
Taxus b. repandens		3'-4'	FS/Sh
Vaccinium sp.		2'-3'	FS/SSh
<p>FS = Full Sun Sh = Shade SSh = Semi-shade</p>			

Planting and Care of Groundcovers

PLANTING: The best planting times are spring, late summer or early fall.

SOIL PREPARATION is very important for the success of your ground cover. Incorporate up to 50% organic matter into original soil. (ie: compost, leaf mold, manure and organic peat). Fertilizer may also be added at this time according to package directions. A slow release organice fertilizer is recommended.

Planting is best if done in staggered rows. This allows uniform coverage and discourages soil erosion by preventing gully formation. After planting, a light mulch may help to prevent weeds and retain soil moisture. Water thoroughly immediately after planting and check daily for moisture until the plants are established. Drip irrigation is very effective, especially on slopes.

Prune groundcovers in early spring removing dead and winter damaged stems and branches. If groundcovers are planted in fall, a light covering of salt hay or evergreen boughs will help protect new plants during the first winter. Remove them in the spring.

Suggested Spacing

Number of Plants Needed to Cover an Area

Inches Between Plants (See Groundcover Chart, reverse)

	6"	8"	10"	12"	16"	24"	36"
1	4	2.25	1.44	1	0.56	0.25	0.11
10	40	23	15	10	6	3	1
20	80	45	29	20	12	5	2
50	200	113	70	50	28	13	6
80	320	180	112	80	45	20	9
100	400	225	145	100	56	25	11
200	800	450	290	200	112	50	22
500	2000	1125	720	500	280	125	55

Groundcovers - Perennial and Woody

Scientific Name	Common Name	Spacing	Light	Soil	Growth Rate
Perennial					
<i>Acaena</i> *	Gooseleaf	12-15"	☀️-☀️	Dry to avg	Slow
<i>Achillea tomentosa</i> *	Wooly Yarrow	10-14"	☀️	Dry, sandy	Fast
<i>Ajuga</i> *	Bugleweed	8-12"	☀️-☀️	Avg, loamy	Fast
<i>Alchemilla mollis</i>	Lady's Mantle	6-10"	☀️-☀️	Avg, loamy	Med
<i>Anacyclus depressus</i> *	Mt. Atlas Daisy	4-8"	☀️	Dry to avg	Med
<i>Arabis spp.</i>	Rock Cress	8"-12"	☀️-☀️	Dry to avg	Med
<i>Arenaria montana</i> *	Mt. Sandwort	3-6"	☀️-☀️	Avg, loamy	Slow
<i>Armeria maritima</i>	Thrift	6"-10"	☀️	Dry to avg	Med
<i>Artemisia schmidtiana</i>	Wormwood	15-18"	☀️	Dry, sandy	Fast
<i>Asarum canadense</i>	Wild Ginger	8-12"	☀️-☀️	Avg, loamy	Slow
<i>Asarum europaeum</i> *	European Ginger	8"-12"	☀️-☀️	Dry to avg	Slow
<i>Aster ericoides</i>	Heath Aster	12-24"	☀️-☀️	Dry to avg	Fast
<i>Astilbe 'Pumila'</i>	Plume Flower	8"-12"	☀️	Avg to wet	Med
<i>Aurinia saxatilis</i>	Basket of Gold	8-12"	☀️	Dry, sandy	Med
<i>Bergenia cordifolia</i>	Pig Squeak	15"-18"	☀️-☀️	Avg, loamy	Med
<i>Callirhoe</i>	Poppy Mallow	12-24"	☀️	Dry to avg	Med
<i>Campanula porsch.</i>	Bellflower	8"-12"	☀️-☀️	Dry to avg	Med-Fast
<i>Carex spp.</i>	Sedge	Varies	☀️-☀️	Dry to avg	Med-Fast
<i>Cerastium</i>	Snow in Summer	10"-12"	☀️	Dry, sandy	Fast
<i>Ceratostigma</i>	Leadwort	10-12"	☀️-☀️	Avg, loamy	Med-Fast
<i>Chrysogonum virginianum</i>	Green and Gold	12-18"	☀️-☀️	Avg, loamy	Med
<i>Convallaria</i>	Lily of the Valley	6"-8"	☀️-☀️	Avg, loamy	Med-Fast
<i>Coreopsis verticillata</i>	Threadleaf Coreopsis	12"-24"	☀️-☀️	Dry to avg	Med
<i>Cornus canadensis</i>	Bunchberry	12-15"	☀️-☀️	Avg, loamy	Med
<i>Cymbalaria muralis</i> *	Kenilworth Ivy	12-18"	☀️-☀️	Dry to avg	Med
<i>Delosperma</i>	Ice Plant	12-18"	☀️	Dry, sandy	Fast
<i>Dianthus deltoides</i>	Maiden Pinks	12"-18"	☀️-☀️	Dry to avg	Fast
<i>Epimedium</i>	Barrenwort	10"-12"	☀️-☀️	Dry to avg	Med
<i>Euonymus coloratus</i> *	Purple Wintercreeper	18-30"	☀️	Dry to avg	Fast
<i>Ferns</i>	Ferns	Varies	☀️-☀️	Varies	
<i>Fragaria</i>	Orn. Strawberry	8"-14"	☀️-☀️	Avg, loamy	Fast
<i>Galium odoratum</i> *	Sweet Woodruff	8"-12"	☀️-☀️	Dry to avg	Fast

* Takes light foot traffic ** Takes moderate to heavy foot traffic

Scientific Name	Common Name	Spacing	Light	Soil	Growth Rate
<i>Geranium cantabrigiense</i> <i>G. macrorh.</i> <i>G. sang.</i>	Perennial geranium	12"-18"	☀️-☀️	Dry to avg	Med
<i>Grasses</i>		Varies	☀️-☀️	Varies	
<i>Gypsophilla repens</i>	Creeping Baby's Breath	14"-24"	☀️	Dry to avg	Fast
<i>Hedera</i>	English/Baltic Ivy	6"-10"	☀️-☀️	Avg, loamy	Med
<i>Helianthemum</i>	Sun Rose	18-24"	☀️	Dry, sandy	Med
<i>Helleborus</i>	Lenten Rose	14"-24"	☀️-☀️	Avg, loamy	Slow
<i>Heemerocallis</i>	Daylily	Varies	☀️-☀️	Dry to avg	Med
<i>Hernaria glabra</i> **	Rupturewort	6"-10"	☀️-☀️	Avg, loamy	Slow
<i>Heuchera</i>	Coral Bells	12"-14"	☀️-☀️	Avg, loamy	Med
<i>Heucherella</i>	Foamy Bells	12"-24"	☀️-☀️	Avg, loamy	Med
<i>Hosta</i>	Plantain Lily	Varies	☀️-☀️	Avg, loamy	Varies
<i>Houttuynia</i>	Chameleon Plant	8"-12"	☀️-☀️	Avg to wet	Fast
<i>Hydrastis canadensis</i>	Goldenseal	10-16"	☀️	Avg, loamy	Slow
<i>Iberis sempervirens</i> *	Candytuft	12"-24"	☀️-☀️	Avg, loamy	Slow
<i>Iris cristata</i>	Crested Iris	10"-14"	☀️-☀️	Avg, loamy	Med
<i>Lamiastrum</i>	Yellow Archangel	12"-24"	☀️-☀️	Avg, loamy	Med
<i>Lamium</i> *	Deadnettle	12"-24"	☀️-☀️	Dry to avg	Fast
<i>Laurentia fluviatilis</i> **	Blue Star Creeper	8-12"	☀️-☀️	Avg, loamy	Med-Fast
<i>Leptinella</i> *	Brass Buttons	9-12"	☀️-☀️	Avg, loamy	Fast
<i>Liriope spp.</i>	Lilyturf	12"-16"	☀️-☀️	Dry to avg	Med
<i>Lotus corniculatus</i> *	Bird's Foot Trefoil	8-12"	☀️	Dry to avg	Med
<i>Mazus reptans</i> *	Creeping Mazus	8-12"	☀️-☀️	Avg, loamy	Fast
<i>Mentha requienii</i> *	Corsican Mint	6"-12"	☀️	Moist, loamy	Med
<i>Muehlenbeckia axillaris</i> **	Creeping Wire Vine	12"-24"	☀️-☀️	Dry to avg	Fast
<i>Nepeta</i>	Catmint	12"-18"	☀️-☀️	Dry to avg	Fast
<i>Pachysandra procumbens</i>	Allegheny Spurge	12"-18"	☀️-☀️	Avg, loamy	Slow
<i>Pachysandra terminalis</i> *	Japanese Spurge	6"-10"	☀️-☀️	Dry to avg	Slow
<i>Phlox stol. & div.</i>	Woodland Phlox	10"-12"	☀️-☀️	Avg, loamy	Med
<i>Phlox subulata</i> *	Creeping Phlox	10"-12"	☀️-☀️	Avg, loamy	Med
<i>Pratia pedunculata</i> *	Blue Star Creeper	8"-12"	☀️-☀️	Avg, loamy	Med
<i>Prunella</i>	Carpenter Weed	12"	☀️-☀️	Avg, loamy	Med
<i>Pulmonaria</i>	Lungwort	12"-18"	☀️-☀️	Avg to moist	Med
<i>Sagina subulata</i> **	Irish/Spanish Moss	6"-12"	☀️-☀️	Avg to moist	Med

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<i>Sanguinaria</i>	Bloodroot	8"-12"	☀️☀️	Avg to moist	Slow
<i>Santolina chamaecypariss</i>	Lavender Cotton	12"-18"	☀️	Dry, sandy	Med
<i>Sedum (creeping) *</i>	Stonecrop	Varies	☀️	Dry, sandy	Med
<i>Sempervivum</i>	Hens and Chicks	3"-5"	☀️	Dry, sandy	Med
<i>Stachys</i>	Lamb's Ear	12"-16"	☀️	Dry to avg	Med-Fast
<i>Teucrium</i>	Germander	12"-16"	☀️☀️	Dry to moist	Med
<i>Thymus *</i>	Thyme	8"-18"	☀️☀️	Dry to avg	Med
<i>Tiarella cordifolia</i>	Foamflower	12"-24"	☀️☀️	Avg, loamy	Med
<i>Trifolium repens</i>	White Clover	6"-12"	☀️☀️	Avg to moist	Fast
<i>Vancouveria</i>	American Barrenwort	10"-14"	☀️☀️	Avg to moist	Slow
<i>Veronica repens *</i>	Creeping Speedwell	10"-16"	☀️☀️	Avg to moist	Med
<i>Vinca minor</i>	Periwinkle/Myrtle	10"-12"	☀️	Avg, loamy	Fast
<i>Viola labradorica</i>	Labrador Violet	8"-12"	☀️☀️	Avg to moist	Slow
<i>Waldsteinia</i>	Barren Strawberry	9"-12"	☀️☀️	Avg, loamy	Fast

Woody

<i>Arctostaphylos uva-ursi</i>	Bearberry	10"-18"	☀️☀️	Dry to avg	Slow-Med
<i>Calluna</i>	Heather	18"-24"	☀️	Avg, loamy	Slow
<i>Comptonia peregrina</i>	Sweetfern	4'-8'	☀️☀️	Dry to avg	Slow
<i>Cotoneaster</i>	Cotoneaster	2'-3'	☀️☀️	Dry to avg	Med
<i>Deutzia gracilis</i>	Deutzia	2'-3'	☀️☀️	Avg, loamy	Slow
<i>Erica</i>	Heath	14"-20"	☀️	Avg, loamy	Slow
<i>Euonymus fortunei</i>	Winter Creeper	24-36"	☀️	Dry to avg	Fast
<i>Gaultheria</i>	Wintergreen	10"-12"	☀️☀️	Avg, loamy	Slow
<i>Juniperus sps.</i>	Juniper	24"-36"	☀️	Dry to avg	Med-Fast
<i>Leucothoe</i>	Dog Hobble	36"-72"	☀️	Avg, loamy	Slow-Med
<i>Microbiota decussata</i>	Russian Cypress	36"-60"	☀️☀️	Avg, loamy	Slow
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	24"-36"	☀️☀️	Dry to avg	Fast
<i>Rhus aromatica 'Gro-Low'</i>	Fragrant Sumac	6'-8'	☀️☀️	Dry to avg	Slow-Med
<i>Rosa spp.</i>	Groundcover Roses	varies	☀️	Avg, loamy	Med
<i>Sarcococca</i>	Sweetbox	12"-16"	☀️☀️	Avg, loamy	Slow
<i>Spirea</i>	Spirea	12"-3"	☀️☀️	Dry to avg	Med
<i>Stephanandra</i>	<i>Stephanandra</i>	2'-3'	☀️☀️	Avg to moist	Fast
<i>Vaccinium angustifolia</i>	Lowbush blueberry	2'-3'	☀️☀️	Dry to avg	Slow-Mod
<i>Xanthorhiza</i>	Yellowroot	2'-3'	☀️☀️	Avg, loamy	Med-Fast

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SOIL PREPARATION is very important for the success of your ground cover. Incorporate up to 50% organic matter into original soil. (ie. Compost, leaf mold or rotted manure) Fertilizer may also be added at this time according to package directions. A slow release organic fertilizer is recommended.

Planting is best done in staggered rows. This allows uniform coverage and discourages soil erosion by preventing gully formation. After planting, a light layer of mulch will help to prevent weeds and retain soil moisture. Water thoroughly immediately after planting and check daily for moisture until the plants are established.

Prune groundcovers in early spring removing dead and winter damaged stems and branches. If groundcovers are planted in fall, a light covering of salt hay or evergreen boughs will help protect new plants during the first winter. Remove the protective covering in the spring.

Total Square Feet of Bed	Spacing - On Center							
	4"	6"	8"	10"	12"	18"	24"	36"
50	450	200	113	73	50	22	13	6
100	900	400	225	145	100	44	25	11
150	1350	600	338	218	150	66	38	17
200	1800	800	450	290	200	88	50	22
250	2250	1000	563	362	250	110	63	28
300	2700	1200	675	435	300	132	75	33
400	3600	1600	900	580	400	176	100	44
500	4500	2000	1125	725	500	220	125	55
600	5400	2400	1350	870	600	264	150	66
700	6300	2800	1575	1015	700	308	175	77
800	7200	3200	1800	1160	800	352	200	88
900	8100	3600	2025	1305	900	396	225	99
1000	9000	4000	2250	1450	1000	440	250	110

- ☀️ Full Sun
- ☀️☀️ Part Sun
- ☀️☀️☀️ Shade

