

## Flowers at a Glance

Name	item#	Botanical Name	APB	height	uses	season	sow	start	temp	days	notes
Achillea (Yarrow)	5705, 6008	<i>Achillea</i> spp.	P	18-24"	BDC	ES-F	DS DF TP	8-10	C	10-14	Lt
Acroclinum	5710	<i>Helipterum roseum</i>	A	2'	DCB	MS-F	DW TP	8-9	C	14-21	
Ageratum	5000ff	<i>A. houstonianum</i>	A	8", 24"	BCD	ES-F	TP	6-8	W	4-6	DS
Alyssum	5005ff	<i>Lobularia maritima</i>	A	2-4"	FBW	ES-F*	DS TP	8-9	55-70	8-14	DS
Amaranth	5011ff	<i>Amaranthus</i> spp.	A	3-5'	CND	MS-F	TP DS	6-7	W	7-14	Lt
Ammi Majus	5015	<i>A. majus</i>	A	3-4'	C	ES-LS	TP DS	8-10	M	7-14	Ch2w
Angel's Breath	5018	<i>Gypsophila elegans</i>	A	18-24"	CB	ES-LS	DS TP	8-9	C	7-14	
Aster, China	5028ff	<i>Callistephus chinensis</i>	A	12-30"	BC	ES-F	TP	12-14	W	10-14	
Aster, New England	6013	<i>A. novae-angliae</i>	P	48"	BC	LS-F	DF TP	8-10	C	7-14	
Baby's Breath	6020	<i>Gypsophila paniculata</i>	P	24-40"	BDC	MS-LS	TP DS	8-10	M	14-21	S
Bachelor's Button	5051ff	<i>Centaurea cyanus</i>	A	24-36"	BC	ES-F*	DW TP	8-9	C	7-14	Cv
Balloon Flower	6021	<i>Platycodon grandiflorum</i>	P	30-42"	CB	MS-LS	TP	6-8	M	15-30	S
Balsam	5066	<i>Impatiens balsamina</i>	A	24"	B	MS-F	DW		W	8-10	DS
Basketflower	5068	<i>Centaurea americana</i>	A	36-48"	BC	ES-LS	TP DS	8-10	C	10-14	Sk
Bee Balm	6022	<i>Monarda didyma</i>	P	30"	BCD	MS-LS	DS TP	8-10	C	14-21	DS, Lt
Begonia	5070	<i>B. x tuberhybrida</i>	A	8-12"	BW	ES-LS	TP	12-14	W	14-21	
Bellflower	6028	<i>Campanula carpatica</i>	P	6-10"	B	ES-F	TP	6-8	C	7-21	
Bells Of Ireland	5714	<i>Moluccella laevis</i>	A	30"	DBN	MS-F	TP	6-8	C	12-21	DS, Ch5d50°
Blazing Stars	5716	<i>Liatris spicata</i>	P	18"	BCD	LS	DS TP	6-8	C	21-28	
Bupleurum	5720	<i>B. griffithii</i>	A	2'	DCN	ES-F	TP	8-10	C	14-21	
Butterfly Weed	6034	<i>Asclepias tuberosa</i>	P	24"	BCN	ES-LS	DS DF		W	21-28	Ch4w34-40°
Cabbage & Kale, Flowering	5156ff	<i>Brassica oleracea</i>	A	8-18"	BNE	F-F*	DSTP	5-7	C	7-14	start in June for Aug TP
Calendula	5079ff	<i>C. officinalis</i>	A	18-24"	BDCE	ES-F*	DS TP DF	6-8	C	4-10	Cv
Calliopsis	5092	<i>Coreopsis tinctoria</i>	SSA	30"	CB	MS-F	DS TP DF	6-8	C	4-10	S, rugged
Canary Creeper	5094	<i>Tropaeolum peregrinum</i>	A	8'	BV	LS-F	DW TP	6-8	C	7-14	Cv
Candytuft	5097	<i>Iberis odorata</i>	A	20"	BGF	MS-LS	DWG		M	14	
Catmint, Persian	6038	<i>Nepeta mussinii</i>	P	12"	BG	Sp-MS	TP DS DF	6-8	C	10-14	
Celosia, plume	5725ff	<i>Celosia</i> spp.	A	3-6'	DCNB	LS	TP	8-10	W	10-14	
Cerinth	5105	<i>C. major purpurescens</i>	A	12-18"	B	MS-F*	TP DW	6-8	W	7-14	
Chinese Lantern	5736	<i>Physalis alkekengi</i>	P	24"	DNC	MS-F	TP DF	8	W	14-21	DS, invasive
Clarkia	5121	<i>C. unguiculata</i>	A	24"	B	MS-LS	TP DW	6-8	C	7-10	DS
Cleome	5123ff	<i>C. hasslerana</i>	A	48"	BN	ES-LS	TP DW	4-6	W	10-12	Ch, S
Cockscomb	5730ff	<i>Celosia</i> spp.	A	10"	BND	MS-LS	TP	4	W	10-14	
Coleus	5131	<i>Solenostemon scutellar.</i>	A	10-12"	WBN	MS-F	TP	8-10	M	10-14	Lt
Columbine	6042ff	<i>Aquilegia</i> spp.	P	18-30"	B	Sp-ES	TP DS	6-8	W	14-28	Lt, Ch3-4w
Coneflower, Prairie	6055	<i>Ratibida columnifera</i>	P	1-3'	B N	MS-LS	TP	6-8	W	7-42	Ch1w
Coral Bells	6062	<i>Heuchera sanguinea</i>	P	12-18"	BG	ES-MS	TP	8-10	W	7-21	Lt
Coreopsis	6068	<i>C. grandiflora</i>	P	18"	BC	ES-F	TP	8-10	C/M	7-21	Lt
Cosmos	5135ff	<i>C. bipinnatus</i>	SSA	3-5'	BCS	MS-F	DW TP	2-4	W	7-10	Lt
Cosmos, Yellow	5134	<i>C. sulphureus</i>	A	2-3'	BC	MS-F	DW TP	2-4	W	7-10	
Dagga, Wild	5142	<i>Leonotis leonurus</i>	A	6'	B	MS	TP	12-14	C/M	10-21	
Dahlia	5143, 6430	<i>D. x hybrida</i>	A	12-14"	BC	MS-F	TP	6-8	W	7-14	
Daisy	6272ff	<i>Leucanthemum x super.</i>	P	36"	BC	ES-MS	TP	6-8	W	7-14	
Dame's Rocket	6074	<i>Hesperis matronalis</i>	P	24-36"	FB	ES	TP	8-10	W	20-25	Lt
Delphinium	6080ff	<i>D. x cultorum</i>	P	3-6'	BCD	MS-LS	TP	10	M/W	14-21	Ch2-4w
Dianthus (Carnation, Pink)	5144ff	<i>Dianthus</i> spp.	A	12-20"	BCF	MS-LS	TP	8	M	7-10	
Didiscus	5148	<i>Trachymene coerulea</i>	A	24"	CB	MS-LS	DW TP	8	W	14-21	
Digitalis (Foxglove)	6110	<i>D. purpurea</i>	SSB	24-36"	BN	MS-LS	TP	6-8	M	10-18	Lt
Echinacea	4545ff	<i>Echinacea</i> spp.	P	1-3'	BC	MS-LS	TP DW	8-10	W	10-21	
Euphorbia	5149	<i>E. marginata</i>	A	24-36"	CNB	MS-F	DW TP	3	M	9-14	
Flax, Blue	6120	<i>Linum perenne lewisii</i>	P	9-12"	B	ES-LS	DS TP DF	6-8	C	21-28	
Flax, Scarlet	5150	<i>Linum grandifl. rubrum</i>	A	12-16"	B	MS-LS	DS				
Forget-Me-Not	6126	<i>Myosotis sylvatica</i>	B,P	6-12"	BCG	Sp-ES	DS	8-10	M	8-30	
Forget-Me-Not, Chinese	5110	<i>Cynoglossum amabile</i>	A	18"	B	MS-LS	DW TP	6	M	5-10	

ff=and following



## Flowers at a Glance

Name	item#	Botanical Name	APB	height	uses	season	sow	start	temp	days	notes
Four O'Clock	5164	<i>Mirabilis jalapa</i>	A	24-36"	BF	ES-LS	TP DW	6-8	M	5-7	
Gaillardia, annual	5165	<i>G. pulchella</i>	A	12-15"	BW	MS-F	TP	6-8	W	14-21	Lt
Gaillardia, perennial	6128ff	<i>Gaillardia spp.</i>	P	24-36"	BC	MS-F	TP DW	6-8	W	14-21	Lt
Gazania	5167	<i>Gazania rigens</i>	A	8-10"	B	LS-F	TP	6-8	M	14-21	Cv
Globe Amaranth	5742ff	<i>Gomphrena globosa</i>	A	2'	BD	MS-F*	TP	8-12	M	7-30	Dk, Ch5w
Godetia	5171	<i>Clarkia amoena</i>	A	16"	B	ES-MS	DS-DW		C	10-14	Lt
Heliotrope	5172	<i>Heliotropium arborescens</i>	A	14-18"	FWBC	MS-F	TP	6-8	W	21-28	●
Hollyhock	6140ff	<i>Alcea rosea</i>	SSB	4-8'	BS	MS-LS	TP DF	8-9	WM	7-21	St
Honesty or Silver Dollar	5762	<i>Lunaria annua</i>	B	3'	DN	LS-F	DS TP DF	6	M	14-21	●
Immortelle	5770	<i>Xeranthemum annuum</i>	A	3'	CD	MS-F	TP DS	8	M	7-21	
Impatiens	5175	<i>Impatiens wallerana</i>	A	8-14"	WB	ES-F	TP	10	W	7-21	●Lt
Indigo, Japanese	5498	<i>Polygonum tinctorium</i>	A	1-2'	dye	MS-F	TP	6-8	W	20-60	
Jacob's Ladder	6160	<i>Polemonium caeruleum</i>	P	1'	B	ES	TP	8-10	M	20-25	●
Job's Tears	5774	<i>Coix lacryma-jobi</i>	A	24-36"	DN	F	P	6-8	C	7-14	
Johnny-Jump-Up	6170	<i>Viola tricolor</i>	SSP	4-6"	EB	Sp-F*	DS DF		M	12-14	●
Kiss-Me-over-the-Grdn	5176	<i>Polygonum orientale</i>	A	6-7"	NSB	MS-F	DS DF TP	4-6	W	14-20	Cv, St
Larkspur	5177ff	<i>Consolida spp.</i>	A	24-36"	BCD	ES-F*	DS TP DF	6-8	C	14-21	●Cv, Ch1w
Lavatera	5202ff	<i>L. trimestris</i>	A	20-36"	BC	MS-F	DS TP	6-8	C	14-21	●Cv
Lobelia	5215	<i>Lobelia erinus</i>	A	4"	BW	ES-F	TP	6-8	C	20	●S, Lt
Love-in-a-Mist	5782ff	<i>Nigella spp.</i>	A	15-24"	BD	MS-F	DS TP	6	C	10-14	
Love-Lies-Bleeding	5217	<i>Amaranthus caudatus</i>	A	24-48"	BND	MS-F	TP	5-6	W	7-10	PP
Lupine	6184	<i>Lupinus polyphyllus</i>	P	36"	B	ES	DS TP DF	6-8	C/M	14-60	●Sk, PP
Madder	5499	<i>Rubia tinctorum</i>	P	4'	dye		TP	8	W	14	
Mallow	5224	<i>Malva sylvestris</i>	B	4-6'	BNS	MS-F	DS DF	6-8	C	14-21	St
Maltese Cross	6204	<i>Lychnis chalconica</i>	P	28-40"	BC	MS	TP	8-10	M	7-14	●
Marigold	5228ff	<i>Tagetes spp.</i>	A	8-30"	BCW	MS-F	TP DW	3	W	5-8	Dk
Mignonette	5263	<i>Reseda odorata</i>	A	10-15"	F	ES-LS	DW		M	10-14	●S, Lt
Moon Lily	5265	<i>Datura innoxia</i>	A	3'	BFN	MS-LS					
Morning Glory	5270ff	<i>Ipomoea spp.</i>	A	8-12'	VS	ES-F	DW TP	3	W	10-21	Sc, Sk, PP
Nasturtium	5280ff	<i>Tropaeolum spp.</i>	A	12-16"	BEWC	ES-F	DW TP	3	M	10-14	Cv
Nicotiana	5300	<i>Nicotiana sylvestris</i>	A	4-6'	FN	MS-F	DS TP	6-8	W	7-14	Lt
Painted Tongue	5303	<i>Salpiglossis sinuata</i>	A	15"	BC	ES-F	TP	6-8	M	14-21	
Pansy	5305ff	<i>Viola x wittrockiana</i>	A	6"	BCW	Sp-ES	TP DF?	8-9	C	14-21	●Dk
Pearly Everlasting	5799	<i>Anaphalis margaritacea</i>	P	18-24"	DCB	MS-F	DS TP	6-8	C	10-60	
Penstemon	6210	<i>P. barbatus</i>	P	1-3'	C B	MS-LS	TP	8-10	C	18-36	Lt
Petunia	5308ff	<i>P. x hybrida</i>	A	4-6"	WBG	ES-F	TP	8	W	7-14	Lt
Phlox, annual	5313ff	<i>P. drummondii</i>	A	6-8"	BC	ES-F*	TP DS	8	C	7-14	●
Phlox, perennial	6234	<i>P. paniculata</i>	P	36"	BC	LS-F	TP DF	10-12	C	21-30	●St
Pincushion Flower	5316	<i>Scabiosa atropurpurea</i>	A	36"	BC	MS-F*	TP DW	4-5	M	14-21	
Pink, Maiden	6196	<i>Dianthus deltoides</i>	P	6"	BCG	ES-LS	TP	6-8	M	7-14	Lt
Poppy	5318ff	<i>Papaver spp.</i>	SSA	24-48"	BCND	MS-LS	DF DS			14-21	
Poppy, California	5352	<i>Eschscholzia californica</i>	A	8-12"	B	MS-LS	DS			14-21	
Poppy, perennial	6244ff	<i>Papaver spp.</i>	P	16"	BND	Sp-ES	DS			7-14	Lt
Portulaca	5356	<i>P. grandiflora</i>	A	4-10"	BWG	MS-F	TP DW	6-8	W	7-14	Ch2w, Lt
Queen of the Meadow	6266	<i>Eupatorium purpureum</i>	P	5-9'	BNC	LS-F	DS DF	14-21	C	21-28	S, St
Red Hot Poker	6240	<i>Kniphofia uvaria</i>	P	32"	BCN	MS-LS	TP	8-10	C		
Rudbeckia, annual	5357ff	<i>Rudbeckia hirta</i>	A	24-36"	BCN	ES-LS	TP DF?	6-10	W	14-21	
Rudbeckia, perennial	6269	<i>Rudbeckia fulgida</i>	P	24"	BC	MS-LS	TP	6-8	W	7-21	Lt
Sage, Gentian	5361	<i>Salvia patens</i>	A	30"	BC	MS-F	TP	12-14	M/W	14-21	S
Salvia	5362ff, 5804	<i>Salvia spp.</i>	A	12-18"	BCD	MS-F	TP	10-12	M	21	S
Schizanthus	5365	<i>Schizanthus pinnatus</i>	A	18"	BC	MS-F	TP	8	C	7-14	●S, Dk
Snapdragon	5369	<i>Antirrhinum majus</i>	A	30-36"	BC	MS-F*	TP	8-10	C/M	7-14	●Ch2w, Lt
Sneezeweed	6282	<i>Helenium autumnale</i>	P	4-5'	BC	LS-F	TP	6-8	M	14-21	
Starflower	6433	<i>Scabiosa stellata</i>	A	18-24"	D	MS-F	TP	8-10	W	7-14	
Statice	5816ff	<i>Limonium sinuatum</i>	A	24-30"	DCB	MS-F	TP	8-9	M/W	7-14	S
Statice, German	5848	<i>Gnoliolimon tataricum</i>	P	20"	D	LS-F	TP DS DF	6-8	W	14-21	
Stock	5374ff	<i>Matthiola incana</i>	A	12-18"	BC	ES-F*	DS TP	6-8	M	7-14	S
Strawflower	5864ff	<i>Helichrysum bracteatum</i>	A	14-40"	DBC	MS-F	TP	7-8	W	7-14	Lt, S
Sunflower	5400ff	<i>Helianthus spp.</i>	SSA	2-12'	CNS	LS-F	DW TP	3-4	M/W	7-14	
Sunflower, false	6137	<i>Heliopsis scabra</i>	P	3-6'	BN	MS-F	TP	10-12	M	21	
Sweet Annie	5884	<i>Artemisia annua</i>	SSA	36-60"	FD	LS-F	DF TP	6-8	C	10-21	●Lt, St
Sweet Pea, annual	5440ff	<i>Lathyrus odoratus</i>	A	1-6'	CFSV	MS-LS	DS TP	6-8	C	14-21	Sk, Cv
Sweet Pea, perennial	6296	<i>Lathyrus latifolius</i>	P	5-6'	CSV	MS-LS	DS		C	21-28	Sk, Cv
Sweet William	6306	<i>Dianthus barbatus</i>	P	18"	FBC	ES	DS TP	6-8	M	7-14	
Thyme, Creeping	6316	<i>Thymus serpyllum</i>	P	2-3"	FGB	MS-LS	DS TP DF	8-9	C	14-28	●Lt
Tithonia	5459ff	<i>T. rotundifolia</i>	A	4-6'	BNS	MS-F	TP DW	6	W	7-14	
Venidium	5461	<i>V. fastuosum</i>	A	18-24"	B	MS-F	TP	8-10	W	14-21	Lt
Verbena	5462ff	<i>Verbena spp.</i>	A	8", 48"	WBC	MS-F	TP	6-8	M	14-21	●Lt, Ch3w
Veronica	6326	<i>V. spicata</i>	P	24-30"	BC	MS-LS	TP	8-10	M	7-21	●
Weld	5500	<i>Reseda luteola</i>	B	4-5'	dye						
Winged Everlasting	5890	<i>Ammobium alatum</i>	A	24"	D	MS-F	TP	8-10	M	10-14	
Zinnia	5465ff	<i>Zinnia spp.</i>	A	20-42"	BC	MS-F	TP DW	3-4	W	7-14	

ff=and following

ABP: A=annual, B=biennial, P=perennial, SS=self-sowing

height: typical height at maturity

uses: B=beds and borders, C=cutting, D=drying, dye=dye plant, E=edible, F=fragrance, G=ground cover, N=novel accent,

S=screen, V=vinning and climbing, W=windowbox, container

season: peak bloom time: Sp=spring, ES=early summer, MS=midsummer, LS=late summer F=fall until frost, F\*=fall after frost

sow: DS=direct sow in spring ASAP, DW=direct sow when soil has warmed or after danger of frost has passed, TP=transplant, DF=direct sow in fall

start: suggested number of weeks before transplanting

temp: suggested soil temperatures for good germination: C=cool, 60-65°, M=moderate, 65-70°, W=warm, 70-85°

days: number of days to seedling emergence

notes: ●=can grow in partial shade, ●=can grow in full shade or part shade. (The rest need sun.) Lt=needs light to germinate, S=surface sow, Cv=cover seed, Dk=needs darkness to germinate, Sc=scarify seed with sandpaper or emery board, Sk=soak seed 12-24hrs, St=stratify seed; place in moist soil and freeze or refrigerate or alternate between the fridge and freezer, Ch=chill seed, sometimes specifies duration (d=days, w=weeks) and temperature, PP=use peat pots

