

ANNUALS FOR DIFFICULT SITES

Barbara J. Bromley, Mercer Co. Horticulturist 2007

The following are colorful attractive annual plants for New Jersey gardens. Some have the ability to tolerate or thrive in difficult growing conditions. Selecting plants based on their soil, sun, and water requirements and considering the available conditions will help alleviate major headaches later in the season. The plants in the deer resistant list are known to be somewhat resistant to browsing in most situations. Plants tolerant of difficult environmental conditions have that tolerance only after they have recovered from transplanting.

<u>Botanical Name</u>	<u>Common Name</u>	Hot weather tolerant	Dry or drought tolerant	Shade tolerant	Poor or sandy soils	Wet or moist sites	Deer resistant
<i>Ageratum houstonianum</i>	ageratum, flossflower			X	X		X
<i>Althaea rosea</i>	hollyhock						X
<i>Amaranthus tricolor</i>	amaranth; Joseph's coat	XX	XX				
<i>Amaranthus tricolor</i>	Joseph's coat		X		X		
<i>Ammobium alatum</i>	winged everlasting						
<i>Antirrhinum majus</i>	snapdragon						
<i>Arctotis grandis</i>	arctotis, African daisy		XX		X		X
<i>Begonia semperflorens</i>	begonia, wax	XX	X	X			X
<i>Brassica oleracea</i> var.	kale and cabbage, ornamental						
<i>Browallia speciosa major</i>	browallia, sapphire flower			X			
<i>Calendula officinalis</i>	calendula, pot marigold		X		X		XX
<i>Catharanthus rosea</i>	Madagascar periwinkle	XX	XX				X
<i>Celosia argentea cristata</i>	cockscomb, crested	X	X				
<i>Celosia argentea plumosa</i>	cockscomb, feather	XX	X				
<i>Centaurea cyanus</i>	cornflower		X		X		X
<i>Centaurea moschata</i>	sweet sultan		X				
<i>Clarkia elegans</i>	clarkia, godetia			X	X		
<i>Cleome hasslerana</i>	cleome; spider flower	X	X		X	X	
<i>Cobaea scandens</i>	cup and saucer vine						
<i>Consolida ambigua</i>	larkspur, rocket				X		X
<i>Convolvulus tricolor</i>	morning glory, dwarf	XX	XX		X		X
<i>Coreopsis tinctoria</i>	calliopsis, annual coreopsis	XX	XX		X		
<i>Cosmos bipinnatus</i>	cosmos	X	X		X		X
<i>Cuphea hyssopifolia</i>	Hawaiian heather	XX					
<i>Cuphea ignea</i>	cigar or firecracker plant	XX					
<i>Cynoglossum amabile</i>	Chinese forget-me-not	X	X				
<i>Dahlia</i> hyb.	dahlia						
<i>Dianthus</i> spp.	pinks				X		
<i>Digitalis purpurea</i>	foxglove, annual			X		X	
<i>Dimorphotheca sinuata</i>	Cape marigold		XX				
<i>Dolichos lablab</i>	hyacinth bean				X		
<i>Eschscholzia californica</i>	California poppy		XX		X		X
<i>Euphorbia marginata</i>	snow-on-the-mountain	XX	X			X	
<i>Eustoma grandiflorum</i>	lisianthus, prairie gentian	X					
<i>Evolvulus pilosus</i>	blue daze	X			X		
<i>Gaillardia</i> hyb.	blanketflower	X	X		X		
<i>Gazania longiscapa</i>	gazania		XX				
<i>Gerbera jamesonii</i>	gerbera daisy						XX
<i>Gomphrena globosa</i>	globe amaranth	XX	XX				
<i>Gypsophila elegans</i>	babysbreath, annual		X		X		
<i>Helianthus annuus</i>	sunflower, common	XX	X		X		X
<i>Helichrysum bracteatum</i>	strawflower				X		X
<i>Heliotropium</i> spp.	heliotrope		X				
<i>Iberis</i> spp.	candytuft, annual		X				
<i>Impatiens balsamina</i>	garden balsam	X		X	X	X	
<i>Impatiens walleriana</i>	impatiens			XX		X	

<u>Botanical Name</u>	<u>Common Name</u>	Hot weather tolerant	Dry or drought tolerant	Shade tolerant	Poor or sandy soils	Wet or moist sites	Deer resistant
<i>Kochia scoparia triphylla</i>	summer cypress, burning bush	XX	XX				
<i>Lathyrus odoratus</i>	sweet pea				X		
<i>Leucanthemum paludosum</i>	gold medallion daisy	X	X		X		
<i>Lobelia erinus</i>	lobelia, edging			X			
<i>Lobularia maritima</i>	sweet alyssum	X	XX	X	X		
<i>Melampodium spp.</i>	African zinnia	XX	XX				
<i>Mimulus hyb.</i>	monkey flower			XX		XX	X
<i>Mirabilis jalapa</i>	four-o'clocks	XX	XX	X			
<i>Molucella laevis</i>	bells of Ireland						
<i>Myosotis sylvatica</i>	forget-me-not			X		XX	
<i>Nicotiana alata grandiflora</i>	tobacco, flowering	X		X	X		X
<i>Nicotiana glauca</i>	tobacco, woodland	X		X			
<i>Nierembergia caerulea</i>	cupflower			X			
<i>Nigella damascena</i>	love-in-a-mist			X	X		
<i>Ocimum basilicum</i>	basil, sweet	X			X		X
<i>Papaver rhoeas</i>	poppy, field				X		
<i>Pelargonium hortorum</i>	geranium, zonal						
<i>Pentas lanceolata</i>	star cluster	XX					
<i>Petunia hyb.</i>	petunia	X			X		
<i>Phaseolus coccineus</i>	scarlet runner bean				X		
<i>Phlox drummondii</i>	phlox, annual		X				
<i>Portulaca grandiflora</i>	portulaca, moss rose	XX	XX		X		
<i>Primula spp.</i>	primrose			X		X	
<i>Rudbeckia hirta</i>	gloriosa daisy	XX			X		
<i>Salpiglossis sinuata</i>	painted tongue			X	X		
<i>Salvia spp.</i>	sage; salvia	XX	X	X	X		X
<i>Sanvitalia procumbens</i>	zinnia, creeping	X	XX				
<i>Scabiosa atropurpurea</i>	pincushion flower	X			X		
<i>Scaevola aemula</i>	fan flower	X					
<i>Senecio cineraria</i>	dusty miller	XX	X		X		X
<i>Solenostemon scutellarioides</i>	coleus			X	X		
<i>Tagetes spp.</i>	marigold	X			X		
<i>Thunbergia alata</i>	black eyed Susan vine			X	X		
<i>Tithonia rotundifolia</i>	tithonia, Mexican sunflower	XX	XX		X		
<i>Torenia fournieri</i>	wishbone flower	X		XX		X	X
<i>Tropaeolum majus</i>	nasturtium		X		X	X	
<i>Verbena hortensis</i>	verbena	XX			X		
<i>Vinca (Catharanthus) rosea</i>	Vinca, annual	XX	XX				X
<i>Viola spp.</i>	viola, pansy			X		X	
<i>Xeranthemum annuum</i>	immortelle						
<i>Zinnia elegans</i>	zinnia	XX			X		

X = tolerant XX = very tolerant or thrives