

Harris Seeds

Quick Cultural Guide for Liners

There has been an explosion in the selection and breeding of annuals and perennials grown from cuttings. With so many new varieties available, you may not be familiar with all their cultural requirements. This "Quick Cultural Guide" can help you determine how they will fit into your production regime, and help you plan your order. The chart is specifically for popular **cutting grown liners**, and does not cover plugs, which are grown from seed. Complete cultural information for crops grown from seed and plugs may be found in the Harris Seeds *Cultural Guide for Bedding Plant and Container Production*. Complimentary copies are available to our customers - please call us for your copy. Or visit our website, www.harrisseed.com for culture on seed crops.

Genus	temperature: day/night	light	fertility (ppm N)	# liners/pot:			weeks to finish:			comments
				4"	6"	10"	4"	6"	10"	
Ageratum	65-72/65-72	high	150-200	1	2	5	4-6	5-7	10-12	pinching not recommended
Angelonia	65-72/70-75	high	150-200	1	2	4	5-7	7-8	10-14	pinch at planting
Argyranthemum	65-72/55-65	high	150-200	1	2	4	4-6	5-7	10-12	pinch when actively growing
Asparagus sprengeri	65-72/65-72	low-med	100-150	1	2	4	5-6	7-9	13-15	no pinching, keep moist
Bacopa (Sutera)	65-72/65-72	med-high	150-200	1	2	4	4-6	5-7	10-12	do not allow to dry out
Begonia, Hiemalis	67-69/63-65	med-high	125-150	-	1	3	6-8	8-10	9-11	pinch 2 weeks after planting
Begonia, tuberous	65-72/70-75	low-med	100-150	1	2	4	5-6	6-8	10-12	provide good air circulation
Bidens	65-72/55-65	high	150-200	1	2	4	4-6	5-7	10-12	pinch at planting
Brachyscome	65-72/65-72	high	150-200	1	2	4	4-6	6-8	12-14	pinch optional, PGRs not needed
Bracteantha	65-72/55-65	high	100-150	1	2	4	4-6	5-7	10-12	provide good air circulation
Calibrachoa	65-72/55/65	high	150-200	1	2	4	4-6	5-7	10-12	keep pH between 5.5 and 5.8
Clematis	65-72/60-67	med-high	150-200	-	1	1	-	6-8	6-8	Use 2 year plants for 10" pots
Coleus	65-72/65-72	medium	150-200	1	2	4	5-6	6-8	10-12	pinch 1 week after planting
Dahlia	65-72/65-72	high	150-200	1	2	4	5-6	6-8	10-12	pinch 1 week after planting
Diascia	65-72/55-65	high	150-200	1	2	4	4-6	5-7	10-12	pinch at planting
Dracaena indivisa	65-72/55-65	med-high	150-200	1	-	-	12-14	-	-	do no bury crowns, avoid high salts
Fuchsia	65-72/65-72	medium	150-200	1	2	4	6-8	8-10	12-14	pinch at planting & again at 5-6 weeks
Gaura	65-72/55-65	high	150-200	1	2	5	6-8	7-10	12-14	pinch 2 weeks after planting
Geranium, Regal	71-73/61-63	high	175-200	1	1	3-4	7-8	9-10	11-12	Light shade at end growth cycle
Geranium, Zonal	75-77/64-66	high	200-250	1	1	3	6-8	9-12	10-12	Apply growth reg. as needed
Geranium, Ivy	75-77/64-66	high	200-250	1	1	4	6-8	9-12	10-12	Apply growth reg. as needed
Gypsophila	65-72/60-67	high	200	1	1	4	4-6	7-8	11-13	no pinching; maintain pH 5.8-6.2
Hedera (Ivy)	65-72/60-67	medium	150-200	1	2	4	5-7	7-8	11-13	no pinching required
Helichrysum	65-72/65-72	med-high	150-200	1	2	4	5-6	6-8	10-12	avoid wet soil, pinch 2 wks after planting
Heliotrope	65-72/60-67	med-high	150-200	1	2	4	6	7-9	9-10	pinch at planting
Heuchera	65-72/60-67	medium	150-200	1	2	4	4-6	5-7	10-12	no pinching required
Hosta	65-72/60-67	medium	150-200	1	2	4	4-6	5-7	10-12	holding temp. 40-50 outdoors
Impatiens, Double	75-80/60-65	low-med	150-200	1	2	4	6-10	7-11	8-12	pinch at planting
Impatiens, Mini	65-72/60-67	med-low	100-150	1	3	5	5-6	6-8	10-12	no pinching required
Impatiens, New Guinea	72-78/65-68	medium	150-200	1	2	4	4-8	6-10	12-14	pinch 10" pots after 3-4 weeks
Ipomoea, Sweet Potato Vine	65-72/60-67	med-high	200-300	1	2	3	5-6	6-8	10-12	pinch 2 weeks after planting
Lamium, Lamiastrum	65-72/55-65	medium	150-200	1	2	4	4-5	5-6	10-12	pinch at planting & as needed to shape
Lantana	68-75/63-70	high	150-250	1	2	4	4-6	5-7	10-12	pinch at planting and 3-4 weeks
Lavender	60-70/55-65	high	100-150	1	2	3-4	5-6	6-8	8-12	pinch at planting
Lobelia	65-72/60-67	high	150-200	1	2	4	6-8	8-10	10-12	no pinching required
Lysimachia	65-72/60-67	medium	150-200	1	2	4	4-5	5-6	6-8	pinch at planting
Mecardonia	65-72/55-65	high	150-200	1	1-2	3-4	4-6	5-7	10-12	pinch at planting
Nemesia	65-72/60-67	high	150-200	1	2	4	4-6	5-7	10-12	Florel at 500 ppm increases branching
Osteospermum	65-72/60-67	high	150-200	1	2	4	4-6	5-7	10-12	Plant Jan.-Mar. for spring flw'g.
Pennisetum	65-72/60-67	high	100-150	1	2	4	4-8	6-9	10-14	no pinching or PGRs required
Petunia	65-72/60-67	high	200-300	1	2	4	4-6	5-7	8-10	pinch at planting; feed heavily
Phlox	65-72/60-67	high	150-200	1	1	3-4	4-6	5-7	10-12	pinch at planting
Portulaca	65-72/60-67	high	150-200	1	1-2	3-4	4-6	5-7	10-12	no pinching or PGRs required
Rose, Miniature	70-75/68-70	med-high	150-200	-	2	3	-	7-9	9-11	pinch to flower takes 4-7 weeks
Scaevola	65-72/60-67	high	150-200	1	3	5	4-6	5-7	10-12	pinch at planting
Scirpus (Isolepis)	65-72/60-67	medium	100-150	1	2	4	6-7	8-10	10-12	no pinching, dry to moderate soil
Snapdragon	60-70/55-60	high	150-200	1	2	4	4-7	6-9	10-14	pinch at planting
Strobilanthes	65-72/60-67	high	150-200	1	2	4	6-8	8-10	12-14	pinch 1 week after planting
Torenia	65-72/60-67	medium	150-200	1	2	4	4-6	5-7	10-12	pinch at planting
Verbena	65-72/60-67	high	150-200	1	2	4	4-6	5-7	10-12	pinch at planting
Vinca vine	65-72/60-67	medium	150-200	1	2	3	5-6	6-7	10-12	pinch at planting