

| Crop | Tray Size(s) (cells/tray) | Rooting Hormone | Average Days with Mist | Pinch | Average Propagation Time (weeks) | Comments |
|--|------------------------------|---|---------------------------|----------|--|--|
| ACHILLEA | 32, 50, 72, 84, 105 | Yes | 7-9 | No | 4-8* | Apply preventative fungicide spray after sticking. Propagate in low-volume mist group. |
| AGASTACHE | 32, 50, 72, 84, 105 | No | 6-10 | Yes | 4-9* | Avoid saturated media. Propagate in low-volume mist group. |
| AJUGA | 32, 50, 72, 84, 105 | No | 6-8 | No | 3-8* | Avoid burying growing point. Remove from mist when roots emerge (2-3 days after sticking). |
| ALTERNANTHERA | 50, 72, 84, 105 | No | 6-8 | Yes | 3-4 | Pinch to improve branching. |
| ANGELONIA | 50, 72, 84, 105 | No | 7-9 | Yes | 3-4 | Avoid stretch. Pinch 18-21 days after sticking. |
| ARGYRANTHEMUM | 50, 72, 84, 105 | No | 4-7 | No | 3-4 | Avoid water stress. |
| ARTEMISIA | 32, 50, 72, 84, 105 | Optional | 7-9 | Optional | 3-8* | Avoid water stress. Apply preventative fungicide spray after sticking. Propagate in low-volume mist group. |
| ASTER | 32, 50, 72, 84, 105 | Optional | 7-11 | Yes | 4-8* | Propagates best under long days. |
| BACOPA (SUTERA) | 50, 72, 84, 105 | No | 6-8 | Yes | 3 | Stick 2 cuttings per cell. |
| BIDENS | 32, 50, 72, 84, 105 | No | 6-9 | Yes | 3-4 | Reduce and eliminate mist as soon as possible. |
| BOLTONIA | 32, 50, 72, 84, 105 | Optional | 7-11 | Optional | 4-8* | Avoid saturated media. Apply preventative fungicide. Drench if soil temperature is lower than recommended. |
| BRACHYSCOME | 32, 50, 72, 84, 105 | Yes | 6-8 | Yes | 4-5 | Avoid burying growing point. Reduce mist as soon as possible. Stick 2 cuttings per cell. |
| BRACTEANTHA | 50, 72, 84, 105 | No | 6-9 | No | 3 | Reduce mist as soon as possible. |
| CALIBRACHOA | 50, 72, 84, 105 | No | 6-8 | Yes | 3-4 | Avoid wide fluctuations in soil moisture. Apply preventive fungicide drench at 18-21 days after sticking. |
| CARYOPTERIS | 32, 50, 72, 84, 105 | Optional | 7-11 | Yes | 4-9* | Reduce mist as soon as possible. Avoid saturated media. |
| CERATOSTIGMA | 32, 50, 72, 84, 105 | Optional | 6-9 | Optional | 4-9* | Apply preventative fungicide drench if soil temperature is lower than recommended. |
| CHRYSOCEPHALUM | 50, 72, 84, 105 | Optional | 6-10 | Yes | 3-4 | Propagate in low-volume mist group. |
| COLEUS | 50, 72, 84, 105 | No | 4-6 | No | 2-3 | Avoid stretch. Transplant on time. A B-Nine spray (1,500-2,000 ppm) 10-12 days after stick can help to reduce stem elongation. |
| COREOPSIS AURICULATA, COREOPSIS GRANDIFLORA, COREOPSIS HYBRIDA | 32, 50, 72, 84, 105 | No | 4-6 | No | 4-8* | Avoid saturated media. |
| COREOPSIS ROSEA, COREOPSIS VERTICILLATA | 32, 50, 72, 84, 105 | Optional | 6-9 | Yes | 4-10* | Stick 2 cuttings per cell for Moonbeam, Zagreb and American Dream. Pinch 18-24 days after sticking. Avoid damaging root system when pinching. |
| CUPHEA | 50, 72, 84, 105 | No | 6-8 | Yes | 3-4 | Stick 2 cuttings per cell for Allyson Heather. |
| DAHLIA | 50, 72, 84, 105 | Yes | 7-10 | No | 3-4 | Hormone will improve rooting. Night-break lighting (10 p.m.-2 a.m.) will reduce likelihood of tuber formation. |
| DELOSPERMA | 32, 50, 72, 84, 105 | Yes | 10-15 | Optional | 5-6* | Reduce and then eliminate mist as soon as possible. |
| DIASCIA | 50, 72, 84, 105 | No | 6-9 | Yes | 3-4 | Stick 2 cuttings per cell. |
| ERODIUM | 32, 50, 72, 84, 105 | Yes | 10-12 | Optional | 5-10* | Avoid saturated media. Reduce mist as soon as possible. Apply preventative fungicide drench if soil temperature is lower than recommended. |
| ERYSIMUM | 32, 50, 72, 84, 105 | Yes | 7-9 | Optional | 4-8* | Avoid saturated media. |
| EUPHORBIA HYPERICIFOLIA | 50, 72, 84, 105 | Optional | 7-10 | Yes | 3-4 | Ethylene sensitive – stick as soon as possible. Flower buds are common in propagation. Reduce mist as soon as possible. |
| EUPHORBIA MARTINII | 32, 50, 72, 84, 105 | No | 7-9 | No | 5-6 | — |
| EVOLVULUS | 50, 72, 84, 105 | Optional | 6-10 | Yes | 3-4 | Apply preventative fungicide spray after sticking. Reduce mist as soon as possible. |
| FELICIA | 50, 72, 84, 105 | Optional | 5-10 | Yes | 4-5 | Hormone will improve rooting. Remove flower buds. Pinch to improve habit and bulk rooted cutting. |
| GAILLARDIA | 50, 72, 84, 105 | No | 5-8 | Optional | 3-4 | Pinch as needed to remove flower buds. |
| GALIUM | 32, 50, 72, 84, 105 | No | 6-9 | Optional | 4-8* | — |
| GAURA | 32, 50, 72, 84, 105 | No | 6-9 | Yes | 4-9* | Pinch 14-21 days after sticking. |
| GERANIUM, INTERSPECIFIC | See Comments | Optional (increases uniformity/ speed of rooting) | 9-13 | No | 3-4 | Stick immediately upon arrival. Geraniums are best rooted in a media in strip form to allow for maximum air flow and avoid foliage overlap. Galleria can be grouped with Ivies for propagation stage. Remove flower buds at transplanting. |

*Average propagation time for perennials includes 3-5 weeks to bulk-up the liner before beginning cold treatment when started in late Summer or early Autumn.

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| GERANIUM, IVY | See Comments | Optional (increases uniformity/ speed of rooting) | 9-13 | No | 4-5 | Stick immediately upon arrival. Geraniums are best rooted in a media in strip form to allow for maximum air flow and avoid foliage overlap. Ivy geraniums require 25-30% less mist in propagation compared to zonals. Propagate under separate mist programs. Remove flower buds at transplanting. |
| GERANIUM, ZONAL | See Comments | Optional (increases uniformity/ speed of rooting) | 9-12 | No | 3-4 | Stick immediately upon arrival. Geraniums are best rooted in a media in strip form to allow for maximum air flow and avoid foliage overlap. After initial rehydration, careful misting is required to optimize callus and root initiation. Mature leaves should show slight wilting at midday and regain turgor in the late afternoon under ideal mist conditions. Leaf petiole wilting indicates undermisting. Overmisting leads to <i>Botrytis</i> . Remove flower buds at transplanting. |
| HEDERA | 32, 50, 72, 84, 105 | Optional | 7-10 | Yes | 4-9* | Reduce and then eliminate mist immediately. Pinch to improve branching. |
| HELICHRYSUM | 50, 72, 84, 105 | Optional | 7-10 | Optional | 3-4 | Propagate in low-volume mist group. Avoid high feed on foliage. High humidity tents are effective. Pinch as needed to shape plants or hold crop. |
| HELIOTROPE | 50, 72, 84, 105 | Optional | 6-9 | No | 3-4 | Stick immediately upon arrival. Apply preventative fungicide spray after sticking. Reduce mist as soon as possible. |
| HEUCHERA | 32, 50, 72, 84, 105 | Yes | 6-10 | No | 4-7* | — |
| IBERIS | 32, 50, 72, 84, 105 | Yes | 9-14 | Optional | 5-10* | Hormone will improve rooting. Avoid saturated media. Pinch to improve habit and to bulk-up rooted cutting. |
| IMPATIENS, DOUBLE | 50, 72, 84, 105 | No | 5-8 | No | 2-3 | Reduce mist as soon as possible to reduce stretch. Transplant on time. |
| IMPATIENS, EXOTIC | 50, 72, 84, 105 | No | 5-8 | No | 3 | Avoid saturated media. Reduce mist as soon as possible. To reduce stretch, transplant on time. |
| IMPATIENS, NEW GUINEA | 50, 72, 84, 105 | No | 7-8 | No | 3-4 | Apply preventative fungicide spray after sticking. Reduce mist as soon as possible. Scout regularly for <i>Botrytis</i> . |
| IMPATIENS, SPREADING | 50, 72, 84, 105 | No | 6-8 | No | 3 | Reduce mist as soon as possible to reduce stretch. Transplant on time. |
| IMPATIENS WALLERIANA | 50, 72, 84, 105 | No | 5-8 | No | 3 | Avoid saturated media. Reduce mist as soon as possible. To reduce stretch, transplant on time. |
| IRESINE | 50, 72, 84, 105 | No | 4-7 | No | 3-4 | Apply Bonzi spray 3-5 ppm on Blazin' Rose between Days 7 and 11 to control early stretch. |
| LAMIUM | 32, 50, 72, 84, 105 | No | 6-9 | Yes | 3-4* | Reduce mist as soon as possible to reduce stretch. Transplant on time. |
| LANTANA | 50, 72, 84, 105 | Optional | 7-11 | Yes | 4-5 | Stick immediately upon arrival. Apply preventative fungicide spray after sticking. |
| LAVENDER | 32, 50, 72, 84, 105 | Optional | 7-10 | Optional | 4-8* | Reduce mist as soon as possible. Apply preventative fungicide drench if soil temperature is lower than recommended. |
| LEUCANTHEMUM | 32, 50, 72, 84, 105 | Optional | 7-10 | No | 4-8* | — |
| LITHODORA | 32, 50, 72, 84, 105 | Optional | 6-10 | Optional | 4-8* | — |
| LOBELIA | 50, 72, 84, 105 | Optional | 6-9 | Optional | 4-5 | Hormone will improve rooting. Pinch 18-21 days after sticking to improve branching. |
| LYSIMACHIA | 32, 50, 72, 84, 105 | No | 6-9 | Yes | 3-4 | Reduce mist as soon as possible to reduce stretch. Transplant on time. |
| NEMESIA | 50, 72, 84, 105 | No | 6-9 | Yes | 3-4 | Stick 2 cuttings per cell. |
| OENOTHERA | 32, 50, 72, 84, 105 | No | 7-11 | Optional | 3-8* | — |
| OSTEOSPERMUM | 32, 50, 72, 84, 105 | Yes | 9-12 | Optional | 3-4 | Maintain uniformity in mist and soil temperature. Do not allow cuttings to wilt. Pinch to increase branching. |
| PENSTEMON | 32, 50, 72, 84, 105 | No | 6-10 | No | 3-7* | — |
| PERILLA | 50, 72, 84, 105 | No | 4-7 | No | 2-3 | Avoid stretch. Reduce mist as soon as possible to reduce stretch. Transplant on time. |
| PEROVSKIA | 32, 50, 72, 84, 105 | Optional | 6-10 | Yes | 3-9* | Reduce mist as soon as possible. Apply preventative fungicide spray after sticking. |

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| PETUNIA | 50, 72, 84, 105 | No | 6-9 | No | 3-4 | Avoid stretch by moving crop to cooler air temperature in second and third weeks of propagation. Transplant on time. |
| PHLOX DIVARICATA | 32, 50, 72, 84, 105 | Optional | 8-12 | Yes | 4-10* | Rooting will occur within 4-5 weeks. Allow plants to bulk up for at least 2-3 more weeks. |
| PHLOX PANICULATA | 32, 50, 72, 84, 105 | Optional | 8-12 | No | 6-8* | Rooting will occur within 4-5 weeks. Allow plants to bulk up for at least 2-3 more weeks. |
| PHLOX SUBULATA | 32, 50, 72, 84, 105 | Optional | 6-10 | No | 4-10* | Pinch as needed to remove flower buds. |
| PLECTRANTHUS | 50, 72, 84, 105 | No | 6-10 | Optional | 3-4 | Apply preventative fungicide spray after sticking. |
| PURSLANE | 50, 72, 84, 105 | No | 4-7 | Yes | 2-3 | Pinch as needed to remove flower buds and improve habit. |
| ROSEMARY | 50, 72, 84, 105 | Optional | 6-10 | Optional | 3-8* | Reduce mist as soon as possible. Apply preventative fungicide drench if soil temperature is lower than recommended. Propagate in low-volume mist group. |
| SALVIA GUARANITICA | 50, 72, 84, 105 | No | 6-9 | Optional | 3-6* | Pinch 14-18 days after sticking to improve branching. |
| SALVIA LONGISPICATA X FARINACEA | 32, 50, 72, 84, 105 | No | 5-8 | Optional | 3-6* | Apply B-Nine (2,500 ppm) spray in propagation once between Day 9 and 11. Reapply after transplant if growing under long days. |
| SALVIA NEMOROSA | 32, 50, 72, 84, 105 | Yes | 7-11 | No | 3-9* | Reduce mist as soon as possible. Apply preventative fungicide drench. |
| SCABIOSA | 32, 50, 72, 84, 105 | Optional | 9-12 | No | 4-8* | Avoid saturated media. Apply preventative fungicide drench if soil temperature is lower than recommended. |
| SCAEVOLA | 50, 72, 84, 105 | Optional | 7-10 | Yes | 3-4 | Reduce mist as soon as possible. Maintain warm soil temperature to optimize rooting. |
| SEDUM | 50, 72, 84, 105 | No | 6-10 | No | 3-6* | Reduce and then eliminate mist as soon as possible. Allow media to dry as rooted cuttings develop. |
| SENECIO VITALIS | 32, 50, 72, 84, 105 | No | 7-10 | No | 4-5 | Reduce mist as soon as possible. Silver foliage, succulent plants require less mist. |
| SNAPDRAGON | 50, 72, 84, 105 | No | 7-12 | Yes | 4-5 | Soil temperature is critical. Apply preventative fungicide drench if soil temperature is lower than recommended. Pinch 18-21 days after sticking. Avoid damaging root system when pinching. |
| STACHYS BYZANTINA | 32, 50, 72 | No | 4-7 | No | 4-5 | Apply mist sparingly. Apply preventative fungicide. |
| STROBILANTHES | 50, 72, 84, 105 | No | 7-12 | Optional | 4-5 | Pinch 18-21 days after sticking to improve branching. Allow root system to develop sufficiently before transplanting. |
| THUNBERGIA | 50, 72, 84, 105 | No | 7-12 | Yes | 4-5 | Stick immediately upon arrival. Spray immediately after sticking with a surfactant such as CapSil to help rehydrate unrooted cuttings. Use night mist for 7-8 days as needed. Avoid wilt during first 24-48 hours. |
| VERBENA | 50, 72, 84, 105 | No | 6-9 | Yes | 3-4 | Reduce and then eliminate mist as soon as possible. Apply preventative fungicide spray after sticking. |
| VERONICA | 32, 50, 72, 84, 105 | No | 6-11 | Optional | 4-8* | Reduce and then eliminate mist as soon as possible. |
| VINCA MINOR | 32, 50, 72, 84, 105 | Optional | 7-10 | Yes | 4-9* | Stick 2 cuttings per cell. Reduce and then eliminate mist as soon as possible. Pinch to improve branching. |
| VIOLA | 32, 50, 72, 84, 105 | Yes | 6-10 | No | 4-9* | Reduce and then eliminate mist as soon as possible. |

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