

PERENNIAL

PROPAGATION

Achillea Open Cultivar(s)

Achillea millefolium



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	4-5
Pinch?	Yes
Days from stick to pinch	17-21

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	100-150 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	Moderate: (2.0-3.5 mS via SME)
pH Range	5.8-6.2

TEMPERATURE

Average Soil Temperature	65-72°F (18-22°C)
Average Air Temperature	65-72°F (18-22°C)

IRRIGATION

Irrigation Frequency	Level 3: Keep media moderately moist with mild dry cycles
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LIGHT

Supplemental	No
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis

POTENTIAL PESTS

aphids, thrips

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)

CULTIVAR LIST

Appleblossom, Paprika, Terracotta



'Paprika'

TIPS

- As with all vegetative cuttings, sticking upon arrival is ideal. If this isn't possible, store in a cooler at 45° F (7°C) for no more than 16 hours after delivery.
- Reduce mist as soon as cuttings become turgid (generally 1-2 days after stick). Avoid overmisting and overwatering.

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FINISHING

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VERNALIZATION

Vernalization Required?	Yes
Vernalization Duration Minimum	6-8 weeks
Vernalization Temperature	35-40°F (1.6-4.4°C)

CONTAINER SIZE

	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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6 in./Gal. (15-16 cm)	1	7-9
8-10 in. (19-22 cm)	2-3	8-10

FERTILITY

Fertilizer Rate	150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	Moderate: (2.0-3.5 mS via SME)
pH Range	5.5-6.1

TEMPERATURE

Day Temperature	55-65°F (13-18°C)
Night Temperature	45-55°F (7-13°C)

IRRIGATION

Irrigation Frequency	Level 2: Allow media to dry moderately between thorough waterings
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LIGHT

Photoperiodic requirements	Long day: 12+ hours daily
Supplemental?	Optional Daylength Extension
Benefits From Shade?	No

PINCHING

Finishing Pinch?	No
Transplant to pinch (days)	N/A

POTENTIAL DISEASES

Botrytis

POTENTIAL PESTS

aphids, thrips

PGR SUGGESTIONS

- 1-2 ppm Bonzi (0.4% Paclobutrazol) drench as needed
- 2500 ppm B-Nine (85% Daminozide) as needed



'Red Velvet'

TIPS

- Vernalization is most effective if completed in pots 4-6 weeks after plants have been transplanted into their finishing container.
- Apply PGRs just before flowering.
- If finishing under short days, supplemental lighting may be provided to expedite flowering.
- Saturated soil media should be avoided at all costs.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	No
Bloom Time	Summer to Autumn
Exposure	Full Sun
Hardiness Zone	4-9
Height	14-24 inches (36-60 cm)
Width	36 inches (90 cm)

DESCRIPTION

Excellent drought-tolerant garden choice. New breeding incorporates a compact habit and earlier flowering without the need for a cold treatment.

CONSUMER APPEAL

- The fragrant inflorescence of *Achillea* helps to attract multiple pollinators including butterflies and bees.
- Aromatic foliage (similar to that of a *Chrysanthemum*) is enjoyable to many consumers while adding to its rabbit and deer resistant properties.

GARDEN ATTRIBUTES

- Yarrow makes an excellent cut flower and an even better dried flower for enjoyment 365 days a year.
- An ideal component of any cottage garden, prairie garden, meadow garden, or a naturalized area. *Achillea* can be planted by mailboxes, driveways, and roadsides due to its salt tolerance.
- An easy-to-grow prairie-like perennial that tolerates a wide range of conditions but prefers well-drained soil and full sun conditions. Can be grown in clay if not overwatered.
- Plants can be sheared or mowed on a regular basis to promote branching and keep the plant compact and well-behaved.

NATIVITY

Achillea is native to the temperate regions of the Northern Hemisphere including Europe, Asia, and North America.

COMPANION PLANTS

Salvia, *Gaillardia*, *Perovskia*, *Lavandula*, *Oenothera*, *Nepeta*, *Penstemon*

COMMON NAME(S)

yarrow, old man's pepper, plumajillo



'Appleblossom'



'Terracotta'

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