



Bill Moore & Co., Inc.

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Discover all the colors of Kahori Dianthus

- Kahori series flowers all summer long with consistent performance from northern Canada to southern US!
- A complete series for year-round production
- Tough, durable and hardy to zone 4
- Exceptionally resistant to winter wind burn
- Suitable for drought-tolerant programs
- All colors are first-year flowering; no vernalization required



Proven success with the original Kahori

- A market mainstay since 2010
- Fragrant, bright blooms all summer long
- Plants create a mat of dense, blue-green foliage

Brand new colors complete your Kahori program



DIANTHUS
GISELE

DIANTHUS
KAHORI PINK

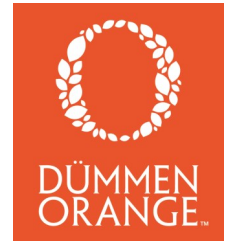
DIANTHUS
KAHORI SCARLET

PERENNIAL

PROPAGATION

Dianthus x hybrida

Kahori Series



TRAY & ROOTING

Form	Unrooted Cuttings
Rooting Hormone	Yes
Tray Size	105, 200
Plants Per Cell	1
Wks. From Stick To Transplant	4-5 weeks
Pinch?	Yes
Days To Pinch	21-24 days

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	50-75 ppm
EC Range	Moderate
pH Range	6.2-6.5

TEMPERATURE

Average Soil Temperature	Moderate
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IRRIGATION

Irrigation Frequency	Moderate
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LIGHT

Photoperiodic requirements	Daylength Neutral
Supplemental	No
Benefits From Shade?	No

POTENTIAL DISEASES

rust, Fusarium

POTENTIAL PESTS

spider mites, aphids

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (*Ethephon*)

CULTIVAR LIST

Kahori, Scarlet, White



'Kahori'

TIPS

- A propagation mix of 40% perlite and 60% peat moss (or coconut coir) with an EC starter charge of 0.75-1.0 mS/cm is appropriate for all Dümmen Orange Dianthus.
- Plants should be misted for the first 12-14 days, foliage should not be permitted to dry out for the first 14 days.
- A preventative fungicide should be applied to the roots to reduce disease pressure. Water early in the morning or during the day so the foliage does not remain wet into evening hours or overnight. This will drastically reduce the risk of disease. Dianthus

WE'RE HERE TO HELP YOU GROW

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PERENNIAL
FINISHING

Dianthus x hybrida

Kahori Series



VERNALIZATION

Vernalization Required? **No**

Vernalization Duration Minimum **N/A**

Vernalization Temperature **N/A**

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH
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4 in./qt (10-12 cm)	1	8-10 weeks
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6 in./Gal. (15-16 cm)	2-3	10-12 weeks
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FERTILITY

Fertilizer Rate **100-150 ppm N**

EC Range **Moderate**

pH Range **5.8-6.2**

TEMPERATURE

Day Temperature **65-75°F (18-24°C)**

Night Temperature **45-55°F (7-13°C)**

IRRIGATION

Irrigation Frequency **Moderate**

LIGHT

Photoperiodic requirements **Daylength Neutral**

Supplemental? **No**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Yes**

POTENTIAL DISEASES

rust, Fusarium

POTENTIAL PESTS

spider mites, aphids

PGR SUGGESTIONS

- None if grown under optimum conditions. 0.5-1ppm Bonzi (*Paclobutrazol*) as needed.



'Kahori Pink'

TIPS

- Cool temperatures and high light will improve plant quality.
- Dianthus may require additional shearing to fill pot properly.
- Plants can be grown as first year flowering perennials or as vernalized perennials.
- Transplanting into low or shallow pots can improve performance and result in a superior finished product. Dianthus are native to rocky ledges and shallow rocky soils; shallow pots are a natural accommodation.

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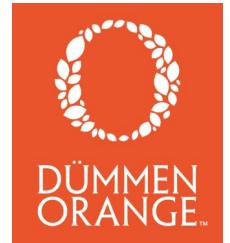
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PERENNIAL

FEATURES AND BENEFITS

Dianthus x hybrida

Kahori Series



KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Spring to Mid Summer
Exposure	Full Sun
Hardiness Zone	3-10
Height	4-6 inches (10-15 cm)
Garden Spacing	10-12 inches (25-30 cm)

DESCRIPTION

'Kahori' is arguably the best Dianthus on the market today with consistent performance from Canada to southern Florida. Its wide open blooms are perfect for attracting pollinators into the garden.

CONSUMER APPEAL

- Dianthus is low maintenance and recognizable to many gardeners. New novelties and old nostalgia help to create a powerful practical-emotional draw.
- Dianthus require very well drained soil and a slightly alkaline pH to reach their full potential. Heavy clay soils or those that are poorly drained should be avoided.

GARDEN ATTRIBUTES

- It comes as no surprise that these carnations sport fragrant blooms that make exquisite cut flowers.
- Due to their delightful aroma, our Dianthus are an excellent addition to fragrance gardens. They can also be planted in rock gardens, along dry borders or edgings, or within containers. If grown for long enough, Dianthus will spread into a wonderful mounding mat that acts as a ground cover.
- To promote continued blooming, deadhead spent blooms. Or, wait until the first wave of blooms are spent and shear the whole thing.
- In general, Dianthus are quite resistant to deer.

NATIVITY

Likely of Mediterranean origin. However, exact center of origin is difficult to determine due to its extensive cultivation and breeding over the past 2,000 years.

COMPANION PLANTS

Sedum, Lavandula, Penstemon, Euphorbia, Phlox, Scabiosa

COMMON NAME(S)

carnation, clove pink



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