



# 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

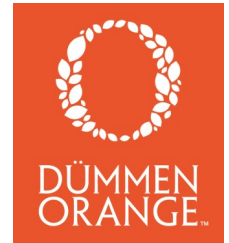
DIANTHUS  
KAHORI SCARLET

PERENNIAL

## PROPAGATION

# *Dianthus x hybrida*

Kahori Series



### TRAY & ROOTING

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

### FERTILITY

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

### TEMPERATURE

Average Soil Temperature	<b>Moderate</b>
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### IRRIGATION

Irrigation Frequency	<b>Moderate</b>
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### LIGHT

Photoperiodic requirements	<b>Daylength Neutral</b>
Supplemental	<b>No</b>
Benefits From Shade?	<b>No</b>

### 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 Dümme 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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<b>4 in./qt (10-12 cm)</b>	<b>1</b>	<b>8-10 weeks</b>
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<b>6 in./Gal. (15-16 cm)</b>	<b>2-3</b>	<b>10-12 weeks</b>
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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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PERENNIAL

## FEATURES AND BENEFITS

# *Dianthus x hybrida*

Kahori Series



### KEY INFORMATION

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

### 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 sheer the whole thing.
- In general, Dianthus are quite resistant to deer.

### NATIVITY

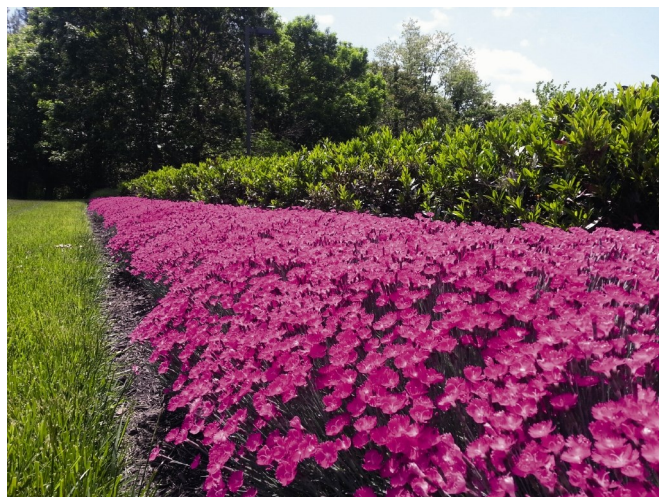
Likely of Mediterranean origin. However, exact center of origin is difficult to determine due to its extensive cultivation and breeding over the past 2,000 years.

### COMPANION PLANTS

*Sedum, Lavandula, Penstemon, Euphorbia, Phlox, Scabiosa*

### COMMON NAME(S)

carnation, clove pink



'Kahori'



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