Wagner Greenhouses operates out of Minneapolis, Minnesota. Our fifth generation family company supplies young plants to growers nationwide through the broker system. Known for quality and service, Wagner’s excels in producing spring bedding plugs, summer fall pansy plugs, cyclamen liners, cool crop liners, specialty florist liners, and prefinished cyclamen.

Wagner’s also operates three garden centers, which gives some unique perspectives to our young plant production. First, we finish our own products, so we truly understand the important qualities in a plug. Second, we can actually interact with the gardening public and closely observe their buying decisions. We integrate what we learn into the young plant programs, strengthening our products for you, the grower.
Variety Listing

Calceolaria

*Calceolaria Dainty Formula Mix*
- Use: 4" pots
- Available July 27-Feb 5
- Compact, uniform
- •72•

Cineraria

*Jester Mixed “Limited Availability”*
- Use: 4-6" pots
- Available July 27-Feb 5
- Versatile, mounded form
- •72•

*Satellite Mix*
- Use: 6" pots
- Available July 27-Feb 5
- Early, pure colors
- •72•

*Venezia Formula Mix “Limited Availability”*
- Use: 4-6" pots
- Available July 27-Feb 5
- Early, compact, uniform
- •72•

Primula acaulis

*Primula acaulis Danova*
- Use: 4" pots
- Available July 27-Feb 5
- Mid-early season
- •72• 288•
- Mixed Grower Select Mix

Hethor Giant Early Mix
- Use: 4" pots
- Available July 27-Feb 5
- Early season, huge flowers
- •72• 144• 288•

Hethor Giant Mid Mix
- Use: 4" pots
- Available July 27-Feb 5
- Mid season, huge flowers
- •72• 144• 288•

Hethor Giant Late Mix
- Use: 4" pots
- Available July 27-Feb 5
- Late season, huge flowers
- •72• 144• 288•

Optic Mixture
- Use: 4" pots
- Available July 27-Feb 5
- Mid season
- •72• 288•

Starflame Mix
- Use: 4" pots
- Available July 27-Feb 5
- Mid-early, eye-catching flamed flowers
- •72•

Sweet 16 Pink Shades
- Use: 4" pots
- Available July 27-Feb 5
- Early season, large flowers turn from white to pink to rose
- •72•
**Primula malacoides**

**Prima Mixed**
Use: 4-6” pots
Available July 27-Feb 5
Masses of dainty blooms

**Primula obconica**

**Touch Me Large**
Use: 4½-6½” pots
Available July 27-Feb 5
Primin-free, strong plant

**Touch Me Midi Mix**
Use: 4-5” pots
Available July 27-Feb 5
Primin-free, compact

**Primula polyanthus**

**SuperNova Mix**
Use: 4” pots
Available July 27-Feb 5
Flowers held above foliage

**Ranunculus**

**Bloomingdale II Mix**
Use: 4” pots
Available Nov 23-Feb 5
Uniform, compact habit

**Maché**
Use: 4” pots
Available Nov 23-Feb 5
Uniform with good vigor

**Schizanthus**

**Atlantis Mix**
Use: 4-6” pots
Available July 27-Feb 5
Small, orchid-like flowers

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**Magic**
Use: 4” pots
Available Nov 23-Feb 5
Naturally dwarf

**Sprinkles Mix**
Use: 4” pots
Available Nov 23-Feb 5
Compact, few PGRs needed

**Sprinkles Dwarf Mix**
Use: 4” pots
Available Nov 23-Feb 5
Naturally round & compact habit

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**Maché**
Use: 4” pots
Available Nov 23-Feb 5
Mixture
- Bicolor Mix
- Pastel Mix
- Fire

**Lemon Rose Bicolor - NEW**
- Orange
- Pink
- Purple
- Red
- Rose
- Vanilla Bicolor Medley
- Yellow

Every young plant that leaves Wagner Greenhouses carries with it the evidence of our dedication to producing top quality products to help your season get a great start. We start by working closely with your sales person to ensure accurate order entry. We test every seed lot that comes through our doors to avoid surprises during production. We sow to order, and grow the plants under carefully controlled conditions, with a staff skilled at managing fertilizer, moisture and temperature to achieve ideal plant growth. Our picture of an ideal plant includes short hypocotyls, well-developed roots and compact top growth, all with minimal chemical use. We then ship the young plants to arrive in good condition on the date you expect. After shipping, we continue to support our product with technical expertise. Your success is important to us, and we are dedicated to helping you achieve it.

Wagner Greenhouses
6024 Penn Avenue South • Minneapolis, MN 55419
612-922-1262 • Fax 612-927-7126
www.wagnergreenhouses.com • info@wagnergreenhouses.com

Please contact your favorite broker to place an order.

Tray Specifications

All trays are patched to 100% fill.

- **288 cell trays** sold as 275, octagonal cells (East Jordan, 21” x 11½”)
- **144 cell trays** sold as 140, octagonal cells (East Jordan, 20.82” x 10.54”)
- **72 cell trays** sold as 70, octagonal cells (Blackmore, 20.69” x 10.56”)

Certifications

Wagners is in compliance with the provisions of the Domestic Japanese Beetle Harmonization Plan, Shipment to Category 1 States. Inspections and/or other documentation from a certified agency are available.

Production Lead Times (in weeks)

<table>
<thead>
<tr>
<th></th>
<th>72</th>
<th>144</th>
<th>288</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calceolaria</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cineraria</td>
<td>8-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primula</td>
<td>11-15</td>
<td>11-12</td>
<td>8-9</td>
</tr>
<tr>
<td>Ranunculus</td>
<td>16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schizanthus</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Lead times are provided in weeks. This is the approximate number of weeks in advance an order for this item would need to be placed. Please note that lead times will vary based on season.

Packing

**Boxes**

Boxes are constructed with recyclable, moisture-resistant corrugation. Boxes are packed using one tube size per box with approximate tray packing as follows:

- 5 trays per box for 288 cell size
- 4 trays per box for 144 cell size
- 3-4 trays per box for 72 cell size

**Regular Packing:**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Standard Box</th>
<th>Courier Box*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>22”x12”x14”</td>
<td>22”x23”x14”</td>
</tr>
<tr>
<td>Weight</td>
<td>20 lbs.</td>
<td>40 lbs.</td>
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</tbody>
</table>

**Insulated Packing**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Standard Box</th>
<th>Courier Box*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>23”x13”x15”</td>
<td>23”x25”x15”</td>
</tr>
<tr>
<td>Weight</td>
<td>23 lbs.</td>
<td>46 lbs.</td>
</tr>
</tbody>
</table>

*Courier box is two standard boxes inserted into a larger overlap box

**Insulation utilized when necessary to prevent plant damage from frost

Customer Owned Carts

Customers may drop off their own carts prior to scheduled pickup date. Ownership labels must be on each cart and the carts must be clear of all plant debris.

Wagner Owned Carts

Sanitized carts may be used for deliveries to customers able to handle and unload at the time of delivery as temperatures permit. Our ability to drop carts for an extended period of time depends on the truck’s route.

Order Minimum

Order minimum is 6 trays per order across all Wagner’s young plant programs.

Order Cutoff

The deadline for order additions and order changes is Thursday at noon the week before ship or sow.
Shipping Options

All product is shipped F.O.B. Destination, Freight Prepaid and Added to the Invoice. Consignees hold responsibility for additional shipping charges, including delivery charges from an airport.

Courier To Door - Small to Medium Shipments

-FedEx Priority Overnight Service
-FedEx Second Day AM Service (not available during cold season)
-FedEx Express Package from HUB
   Grower truck drop to HUB with next day FedEx Package delivery.
-FedEx Ground from HUB (not available during high heat)
   Grower truck drop to HUB with next day FedEx Ground delivery by 5 P.M.
-Regional Courier: SpeeDee Delivery Service
   Service only available in upper Midwest including MN, ND, SD, WI, IA and IL.
   Not available during cold season.

Trucked To Door - Medium to Large Shipments

-Grower Truck LTL: Carted or boxed
   Available for orders that can be pooled within a region. Ship-to’s must accommodate a 53 ft. trailer.
-FedEx LTL From Hub
   Grower truck drop at Hub followed by next day FedEx LTL delivery before 5:00 P.M. Requires pooled orders totaling more than 2,500 pounds of freight.
-LTL from MSP: Shrink-wrapped pallets. Not available during cold season.
-Via Fed Ex Freight
   Not temperature controlled. Ship-to locations beyond 400 mile radius qualify for two day delivery. Ship-to locations within 400 mile radius qualify for next day delivery.
-Via Grower or Contracted Truck
   Temperature controlled. Requires pooled orders totaling more than 2,250 pounds of freight.

To Nearest Airport Delivery

Phone On Arrival delivery to nearest major airport. If a local trucking company is contracted to provide delivery from the airport at an additional charge paid by consignee, please provide the trucking company name and contact information to allow proper preparation of waybills.

Customer Pickup

Pickup times are available on Wednesdays and Thursdays. Please coordinate your preferred pickup time in advance with

Substitution List

<table>
<thead>
<tr>
<th>Item no longer listed:</th>
<th>Available Sub:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cineraria Jester Blue Bicolor</td>
<td>Cineraria Jester Mixed</td>
</tr>
</tbody>
</table>

Photo Credits:
A Sakata Seed
B Syngenta Flowers
C Ball Horticultural
D Benary
Ask your broker about other high quality young plants from Wagners