

five sizes of plug trays with 72, 128, 200, 288, and 406 holes are now available.

Besides these plug trays, there are also slit containers that are octagonal in shape (24-mm-diameter size). As plant roots have a tendency to grow toward the corners of containers, this shape utilizes this tendency to prevent root circling. A slit container is an effective method of controlling the growth of the root. By direct planting of the seedling into this container, there is no need to transplant again before shipping. The cultivation time is shortened thus keeping costs low. The container is designed to be handled by the upper part for convenience.

New Plant Varieties Bred by the Sakata Seed Corporation

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Osteospermum. Our new cultivars open their flowers when the sun is not shining and even at night. They are only 20 to 25 cm tall. They can be shortened with growth retardant and are therefore useful in pots or as bedding plants.

***Impatiens* — New Guinea Cultivars**. Our new cultivars also flower in summer and they grow into big plants faster than overseas cultivars. They are suitable for bedding plants or for use in pots and containers. Six colors are available: purple, scarlet, white, red, salmon, and bright pink.

***Dianthus* — Potted Carnations**. Our cultivars grow even at low temperatures. They can be used in many ways including small to large pots.

Pelargonium. We now offer a new series which have shiny and smart-colored flowers, with only a slight blotch at the center of the flower, or sometimes none at all. They are multiflorous, resistant to *Botrytis*, and easy to grow.

Clematis. Our seven new cultivars are good for use in pots because they do not need any supports. They are multiflorous, flower lower down the stem than existing cultivars, and are available in six colors: purple-blue, shell-pink, blue, white, rouge, and pink.

Mid-sized *Campanula* Cultivars. These new cultivars are F₁ dwarfs. They germinate uniformly, grow well, and require little chilling. After bolting, treatment with a growth retardant produces a compact plant. Usually they flower in May without heating but should they be required in March or April, artificial heat and extra lighting is needed. Three colors are available: pink, white, and blue.

Nemesia. Our new cultivars have bigger flowers and stronger stems. They can be grown at low temperatures, close to freezing point, and are sold only in the cell tray. Three colors, yellow, rosy-red, and white have been produced.