Consumer Purchases of Campanula carpatica Jacq. ‘Blue Clips’ in Selected Supermarket Floral Departments as an Indoor Flowering Potted Plant

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Abstract. Four-inch (10.2-cm) potted flowering Campanula carpatica Jacq. ‘Blue Clips’ (campanula) traditional herbaceous perennials, were sold in floral departments of three retail supermarket chain stores from 5 May through 20 May and 16 June through 1 July 2000. The intent was to determine whether repositioning campanula as a “new” indoor flowering potted plant would add to total floral department sales or detract from sales of more traditional flowering potted plants. Unit sales for all 4- and 4.5-inch (10.2- and 11.3-cm) flowering potted plants stocked in three supermarket floral departments were recorded weekly and compared with unit sales from three stores where campanula were not sold (control). Unit sales for campanula were similar to those of traditional indoor flowering potted plants frequently stocked in floral departments. Statistical analysis showed that mean unit sales of traditional potted flowering plants for stores that did and did not stock campanula were similar. Therefore, adding campanula to the flowering potted plant mix did not detract from or jeopardize sales of similar indoor flowering potted plants.

Herbaceous perennial plants add substantial color and texture to home and commercial landscapes. With the vast selection of flower form and color available, any gardener can find a herbaceous perennial to complement the garden. Many herbaceous perennials can be programmed to flower at a specified date (Niu et al., 2001; Runkle, et al. 1998) much like poinsettia (Euphorbia pulcherrima Willd. ex Klotzsch) or florist chrysanthemum (Dendranthema morifolium Ramat. Tzvelev). Moore (2000) showed that Campanula carpatica Jacq., ‘Blue Clips,’ Campanula portenschlagiana Roem. & Schult., Coreopsis grandiflora Hogg ex Sweet ‘Sunray,’ Echinacea purpurea L. ‘Magnus,’ Lavandula angustifolia Mill. ‘Hidcote Blue,’ and Leucanthemum superbum Bergmans ex J. Ingram ‘Showcap.’ GeneralindehimerEngelm & A. Gray ‘Whirling Butterflies,’ Geranium dalmaticum (G. Beck) Rech. f., Penstemon setaceum (Forssk.) Chiov ‘Rubrum,’ and Veronica spicata L. ‘Red Fox’ forced into bloom, stored for 0 or 10 d, and subsequently planted outdoors suffered no detrimental effects from forcing or storage. Some of those forced herbaceous perennials exhibited a compact habit [4 to 24 inches (10.2 to 60 cm) in height] and modest postharvest life (10 to 14 d), making them potential indoor potted plants that could be enjoyed outdoors in the home garden (Moore, 2000). In a subsequent perceptual mapping study, Moore et al. (2000, unpublished study) showed that Campanula carpatica ‘Blue Clips,’ and Oxalis croussipes Urb. mapped centrally, indicating that consumers had no strong desire to use these plants exclusively indoors or outdoors. Researchers concluded that Campanula and Oxalis had the greatest potential, of the previously mentioned species, for indoor and outdoor enjoyment, which may yield some enhanced profitability. Moreover, plants with blue flowers, such as campanula are popular as garden plants (Sell, 1999).

Flowering potted plants can be substituted for floral arrangements, which may be more expensive and have a shorter life span (Saxton, 1992). Retailers can position their various flowering potted plants to meet consumers’ needs during gift-giving holidays and special occasions. Flowering potted plants are most often purchased for Mother’s Day, Easter, and Secretary’s Day, when tokens of affection and appreciation are often exchanged (Crothers, 1996; Saxton, 1997; Stickel, 1996). Customers wanted colorful blooming plants, including chrysanthemum [Dendranthema morifolium (Ramat) Tzvelev], hydrangea (Hydrangea sp.), and tulip (Tulipa sp.), for these holidays (Saxton, 1992). Hyacinths (Hyacinthus sp. L.) and gardenias (Gardenia sp. Ellis.) (Crothers, 1996) in 4- and 6-inch (10.2 and 15.2-cm) pots were among the favorite selections (Saxton, 1992).

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test market, with a population demographic similar to the national population on average (Waldrup, 1992). The stores were selected from 72 stores owned by a Michigan-based company to reflect a similar floral department size and sales. Three of six stores were selected at random to sell campanula. The other three were used as comparison stores. Twenty-five plants were delivered to each floral department on 3, 5, 8, 12, and 19 May, and 18 plants were delivered on 15, 20, 23, and 27 June. White pot covers were used to cover the 4-inch (10.2-cm) pot and a self-sticking 2 × 3-inch (5.1 × 7.6-cm) label with the description of the scientific and common name and instructions for indoor and outdoor care was attached to the cover. Care tag information included one paragraph on care in the home and a paragraph with instructions for planting and care outdoors. A self-sticking 1 × 2.6 inch (2.5 × 6.6 cm) label with a price of $3.99, the average price of flowering potted plants sold in these stores, and an SKU number for recording sales was also attached.

Campanula were placed on shelves and end caps next to other species normally sold in the floral departments. Floral department staff members watered and cared for the plants and removed unappealing plants from display. A color 8.5 × 11 inch (21.6 × 27.9 cm) sign showed a photograph of the plant with the slogan “Good in the home, great in the garden” and repeated the care information on the tag.

Campanula unit sales were tracked during the experiment, from 30 Apr. through 1 July 2000, as were other 4- and 4.5-inch (10.2- and 11.3-cm) potted flowering plants (from 9 Apr. through 1 July 2000) frequently stocked in these stores each week. During the experimental periods, unit sales for these plants were compared with unit sales for identical items sold in three additional stores where campanula were not sold. Differences among varieties and sales dates were compared using the Mann-Whitney test (SPSS, Chicago) and Duncan’s mean separation test (SAS, Chicago).

Results and Discussion

Unit sales data for three retail chain stores that sold campanula as an indoor potted plant demonstrated that customers did purchase this species. Of all campanula delivered to the stores, sales ranged between 55% and 66% by store (Table 1). Sales during the first two weeks of the experiment ranged between 18 and 50 units out of 50 units delivered. Sales declined after the Mother’s Day holiday (14 May 2000), but rose again between 18 June and 1 July 2000, with between nine and 31 units sold each week.

Sales of campanula did not reduce unit sales for other 4- and 4.5-inch (10.2- and 11.3-cm) indoor potted plants or total department sales. Statistical analysis using the Mann-Whitney test showed that there were no differences between total unit sales of traditional indoor potted plants sold in stores that stocked campanula and those that did not stock campanula during the entire experiment (P = 0.697). Total unit sales were also analyzed with the inclusion of campanula sales unit data, and again there were no differences during the entire experiment for stores that either sold or did not sell campanula (P = 0.521). The addition of campanula to the product mix decreased sales for certain species slightly, but not significantly.

Differences between all 4- and 4.5-inch (10.2- and 11.3-cm) species were analyzed to assess consumer purchases of campanula compared with flowering potted plants traditionally sold in these floral departments. Sales of campanula and the other species were similar, with the exception of the 4-inch (10.2-cm) chrysanthemums (Table 2). At stores that sold campanula and at those that did not, unit sales for 4-inch (10.2-cm) chrysanthemum were three times higher than that for any of the other 4- and 4.5-inch (10.2- and 11.3-cm) potted flowering plants. Total unit sales were also analyzed, and again, total unit sales for 4-inch (10.2-cm) chrysanthemums were significantly higher than for other plant material sold. Total sales for campanula were also significantly higher than for hydrangea with campanula unit sales in three stores reaching 356, while unit sales for hydrangea reached only 131.

Unit sales for stores that sold campanula were analyzed by week ending date (15 Apr. through 1 July 2000) during the entire period that data were recorded. Unit sales for the weeks ending 22 Apr. 2000 and 13 May 2000 were higher than for other dates tested (Table 3). Both of these periods occurred during holidays, Easter (23 Apr. 2000) and Mother’s Day (14 May 2000), when unit sales volumes were expected to be higher than normal. Unit sales for the week ending 13 May 2000 were similar to unit sales for the week ending 29 Apr. 2000 (sales on Easter Sunday were included in this week) and 20 and 27 May 2000 (the week...
ending 20 May 2000 included Mother’s Day). Unit sales for these periods could have been the result of consumers purchasing plant material on the day of the holiday and for belated holiday presents.

Conclusion

According to results from this experiment, *Campanula carpatica ‘Blue Clips’* is an acceptable indoor flowering potted plant and herbaceous garden perennial in its traditional use. Consumers purchased these 4-inch (10.2-cm) plants at a notable rate. Unit sales trends were similar for stores that did not stock campanula and for total unit sales for all stores combined. These data show dates that should be targeted for maximum sales volume for indoor flowering potted plants in similar floral departments and support the claim that they are popular gift items purchased for these holidays (Crothers, 1996; Saxton, 1992; Stickel, 1995).

Unit sales for campanula were also similar to that of other items sold in 4- and 4.5-inch (10.2- and 11.3-cm) pots; therefore, it is a competitive product. Statistical analysis showed that unit sales of traditional garden plants were similar in stores that sold campanula and those that did not, additional evidence that campanula will not jeopardize or detract from sales of similar traditional indoor potted plants.

*Campanula ‘Blue Clips’* is just one species of herbaceous perennials that can be sold as an indoor potted plant. Marketers can position species such as *Campanula portenschlagiana*, *Saxifraga (arendsii) ‘Triumph’* Engl., and *Oenothera fruticosa* L. which are compact or perform well indoors as well as outdoors, as new products. Floral-department customers who are looking for a flowering potted plant other than traditional ones might be attracted to these species and their multiple uses. Commercial growers must continue to evaluate the postharvest performance of potential species and, in conjunction with marketers, evaluate consumer interest. This information will help ensure that only high quality plant material, acceptable to consumers, is sold and that the species will perform well when placed indoors and increase enjoyment outdoors for years to come.

Literature Cited

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