



Bulletin 5

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RESULTS FROM OUR CHRISTMAS POMS
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Rooted cuttings of eighteen varieties of pompons were benched August 15, 1949. These plants were lighted from 10:30 p.m. to 1:30 a.m., and the night temperature was held as close as possible to 60°F. The planting was designed so that lights could be discontinued October 2, October 7, and October 12.

The pinching dates were varied to the extent that from 10 to 40 days were allowed each variety from date of pinch to the time short days were started. Since all plants were benched the same time, the results are of doubtful value and will need checking.

The time of blooming as influenced by date short days were started is presented in Table 1.

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Table I

Variety	Lights Discontinued		
	October 2	October 7	October 12
Sunnyside	Dec. 16-28	Dec. 20-Jan. 2	Dec. 23-Jan. 2
Priscilla	Dec. 15-19	Dec. 15-28	Dec. 19-Jan. 2
Matchless	Dec. 12-15	Dec. 12-23	Dec. 20-Jan. 2
Seafoam	Dec. 12-28	Dec. 20-Jan. 2	Dec. 20-Jan. 2
Masterpiece	Dec. 3-28	Dec. 9-23	Dec. 12-23
White Usona	Dec. 20-Jan. 2	Dec. 20-Jan. 2	Dec. 23-Jan. 2
Yellow Fellow	Dec. 3-28	Dec. 12-Jan. 2	Dec. 12-23
Goldsmith	Dec. 9-19	Dec. 15-23	Dec. 19-Jan. 2
Princeton	Dec. 9-15	Dec. 15-20	Dec. 15-23
Queen of Pinks	Dec. 8-16	Dec. 16	Dec. 16-23
Red Princeton	Dec. 8-15	Dec. 15-19	Dec. 15-28
Yolanda	Dec. 16-28	Dec. 20-Jan. 2	Dec. 20-Jan. 2
Usona	Dec. 16	Dec. 16-Jan. 2	Dec. 23-Jan. 2
Br. Masterpiece	Dec. 8-20	Dec. 12-23	Dec. 12-28
Catherine	Dec. 15	Dec. 19	Dec. 19-23
Legal Tender	Dec. 16	Dec. 16-20	Dec. 20
Hasegawa Gold	Dec. 9-23	Dec. 12-16	Dec. 16-28

Some of the varieties used were not satisfactory, but those available at the late date of planting governed the selection.

The varieties not satisfactory for Christmas flowering in the Rocky Mountain Region either because of fading or open centers are Yellow Fellow, Princeton, Red Princeton, November Bronze and Bronze Masterpiece. Queen of Pinks is too short for a bench crop, but would be satisfactory for potted plants.

The results obtained with this crop suggest the following tentative schedule at 60° night temperature.

Variety	Benching Date	Pinch Date	Date to Start Short Days	Blooming Date
Matchless	Sept. 13	Sept. 27	Oct. 7	Dec. 12-23
Sunnyside	Sept. 8	Sept. 22	Oct. 2	Dec. 16-28
Seafoam	Sept. 8	Sept. 22	Oct. 2	Dec. 12-28
Masterpiece	Sept. 13	Sept. 27	Oct. 12	Dec. 12-23
Hasegawa Gold	Sept. 3	Sept. 17	Oct. 12	Dec. 16-28
Goldsmith	Aug. 30	Sept. 12	Oct. 7	Dec. 15-23
Catherine	Aug. 30	Sept. 12	Oct. 7	Dec. 19
Priscilla	Aug. 30	Sept. 12	Oct. 7	Dec. 15-28
Yolanda	Aug. 30	Sept. 12	Oct. 2	Dec. 16-28
White Usona	Aug. 19	Sept. 2	Oct. 7	Dec. 20-Jan. 2
Legal Tender	Aug. 19	Sept. 2	Oct. 7	Dec. 16-20
Usona	Aug. 19	Sept. 2	Oct. 7	Dec. 20-Jan. 2

To get 26-30 inches of stem on the varieties Usona, White Usona and Legal Tender for a Christmas crop will require 35-40 long days after pinching.

Catherine, Priscilla, Goldsmith and Hasegawa Gold require 25-30 long days.