

Variety Trials with Early and Late Chrysanthemums at Fort Collins--1952

by George Beach and A. E. Nutt

Thirty-five 7- and 8-week varieties of chrysanthemums were planted as rooted cuttings on June 20. Twenty-four plants of each variety were spaced 7 by 7 inches in unreplicated blocks. These varieties were pinched July 5 and resulting shoots were thinned to 3 or 4 stems per plant.

Fifty-five 13- and 14-week varieties were benched in the same manner on Aug. 6 and pinched Aug. 20. Growing temperatures were somewhat variable until late September. After that the night temperature was maintained at approximately 58 to 60° F.

Tables 1 and 2 give the performance of these varieties. Production is listed in ounces of good flowers plus trash from each variety-block (8.2 square feet). The average production from all varieties was 81 ounces, or approximately 10 ounces per square foot.

The cause of uneven flowering which occurred on some of the 13-week and quite a few of the 14-week varieties is not known. This same malady was noted on some of the same varieties at Denver and Colorado Springs. The varieties in question were almost a total loss and should be avoided until the phenomenon is better understood.

Table 1. Performance of 7- and 8-week varieties of Chrysanthemums at Fort Collins, fall, 1952

Variety	Cut off date	Production ounces	Remarks
Avalanche	10/7	84 / 3	White, reflex-yellow center, poor keeper.
Garland	10/7	72 / 13	Yellow daisy, poor keeper.
Goldrush	10/11	68 / 5	Yellow daisy--especially good keeping foliage also
Chas. Nye	10/11	64 / 7	Yellow--good foliage.
Early Wonder	10/11	105 / 4	White--heavy grower.
Horizon	10/11	82 / 8	Not good keeper--foliage did not last.
Lyric	10/11	72 / 4	White daisy--foliage did not keep as well as fls., short.
Mona	10/11	112 / 4	Bronze--good foliage
Marionette	10/11	34 / 12	Bronze pom--good foliage
White Wonder	10/11	119 / 1	White button
Spellbound	10/13	64 / 9	Pink--good keeper--good foliage
Caravan	10/13	53 / 4	Poor keeper.
Lemonade	10/13	68 / 2	lt yellow--good foliage--cactus type flower.
Treasure	10/13	87 / 4	Yellow--just fair foliage
Witchery	10/13	68 / 5	Bronze, quilled florets--foliage better than fls.
Bright Forecast	10/16	92 / 5	Yellow pom good fls., fair foliage.
Allegro	10/16	72 / 2	Pink, good fls. & foliage.
Carnival	10/16	84 / 4	Bronze, cactus-type, good fls, and foliage
Lassie	10/16	52 / 9	Leaves did not keep as well as fls.
Sweetheart	10/16	54 / 5	Pink daisy
Detroit	10/16	64 / 20	Red, good foliage, fair flowers.
Irene	10/16	66 / 3	White button, fls.& foliage good.
James Stewart	10/16	88 / 4	Yellow, fades slightly, good foliage very uniform.
Rajah	10/16	66 / 12	Large red daisy, good flowers & foliage.
Serenade	10/16	88 / 7	Dark pink daisy, foliage better than flowers.
Norona	10/16	96 / 12	White with green center, fair fls. & foliage.
Carmelita	10/18	88 / 4	Bronze, foliage better than flowers.
Classic	10/18	66 / 2	White, good foliage & fair flowers.
Maestro	10/18	60 / 8	White, good flowers & foliage, short.
Sweepstake	10/18	64 / 2	Small pom, gold color, good fls. & fair foliage.
Silverplate	10/18	84 / 2	Good foliage & flowers -- tall
Adagio	10/21	68 / 3	Pink, good foliage.
Carmen Queen	10/21	87 / 2	Red, good flowers & foliage--tall.
Masquerade	10/21	96 / 5	Pink, flowers kept better than foliage.
Renown	10/23	110 / 16	White daisy, good keeper.

Table 2. Performance of 13- and 14-week varieties at Fort Collins, fall, 1952

Variety	Cut off date	Production Ounces	Remarks
Goldtone	11/26	96 / 1	Yellow daisy--good fls. & fol.
Symmetry	"	72 / 0	Gold pom--did not take water well--short
Brandy Wine	"	96 / 5	Pumpkin yellow--reflex held up well.
Cinderella	"	92 / 4	Yellow daisy--excellentkeeper--tall.
Snowdrop	"	108 / 6	White, tinged pink.
December Gold	12/2	52 / 6	Yellow pom, short, stocky.
Minstrel	"	86 / 8	Pink pom
Corsair	"	102 / 8	Yellow pom--foliage did not keep well.
Debutante	"	88 / 6	Pink daisy, foliage kept better than fls.
Holiday	"	76 / 4	Rust daisy, foliage kept better than fls.
Christmas Greeting	12/9	88 / 24	Red reflex, non fading, very good keeper.
Claret	"	120 / 7	Red daisy, good keeper
Bronze Minstrel	"	82 / 4	Bronze Pom.
Coronet	"	54 / 2	Pink daisy, good foliage, poor keeper.
Harlequin	"	84 / 28	Red pom, quite a few blind shoots.
Jack Pot	"	140 / 8	Yellow, very large sprays.
Pagentry	"	101 / 4	Faded bronze color, poor keeper
Snow Queen	"	83 / 2	White pom.
Acclaim	"	83 / 16	White pom.
Cotillion	"	81 / 2	White pom.
Snowcap	12/12	64 / 19	White pom, pinkish tinge.
Sequin	"	72 / 8-	Yellow button.
Yellow Supreme	}		Not saleable due to diseased foliage and uneven flowering.
Ruffled Supreme			
Dark Supreme			
Red Supreme			
White Supreme			
Silversmith	12/16	136 / 8	Good spray formation.
Yellow Riviera	"	72 / 46	Poor spray.
Christmas Star	"	84 / 16	Rusty red daisy, small fl. good spray.
Merrymaker	"	68 / 16	Rust colored, large fl., poor spray.
Golden Harvest			Not saleable---uneven flowering.
Challenge	12/17	67 / 20	Yellow daisy, some blind shoots, short plant.
Rosalind	"	82 / 12	Lt. pink daisy.
Bronze Riviera	"	68 / 12	Bronze, poor spray.
Yellow Snowcrest	"	100 / 1	
Golden Anniversary	"	72 / 4	
Shamrock	"		Not saleable--uneven flowering.
Vibrant	"	91 / 1	Large yellow reflex.
Spangles	"	80 / 9	White pom
Topaz	"	92 / 28	Buff daisy, partly blink, fair keeper.
Poinsettia	"	52 / 0	Large red daisy, gold centers.
Swan	}		Not saleable due to lack of uniformity of flowering.
Yellow Swan			
Riviera			
Yuleflame			
Yukon			
Snowcrest			
Satellite			
Sunrise			
Medallion			
Defiance			
Heirloom			
Siren			
Revelry			

Your editor,

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