

3. **LEAF:** (Observe mature leaves attached near midpoint of stem before initiation of flower buds)

- Color of upper surface: 1 = Light Green (Mesabi) 2 = Medium Green 3 = Dark Green (Minnruby)
- Texture: 1 = Soft 2 = Leathery
- Margins of major basal sinuses:



1 = Divergent



2 = Parallel



3 = Convergent

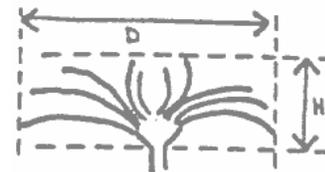
4. **FLOWER HEAD:** (Observe fresh fully open bloom)

Diameter:

mm.
 mm. Narrower Than _____
 mm. Same Diameter as _____
 mm. Wider Than _____

Height:

mm.
 mm. Shorter Than _____
 mm. Same height as _____
 mm. Higher Than _____



Receptacle Diameter: (include disk florets when present)

mm.

Type: (Number of ray floret rows given in parentheses)

1 = Single (1) 2 = semi-double (2 to 5) 3 = Double (> 5, disk florets present at center) 4 = Fully double (> 5, disk florets absent at center)

Bloom Classification: (According to National Chrysanthemum Society, 1978)

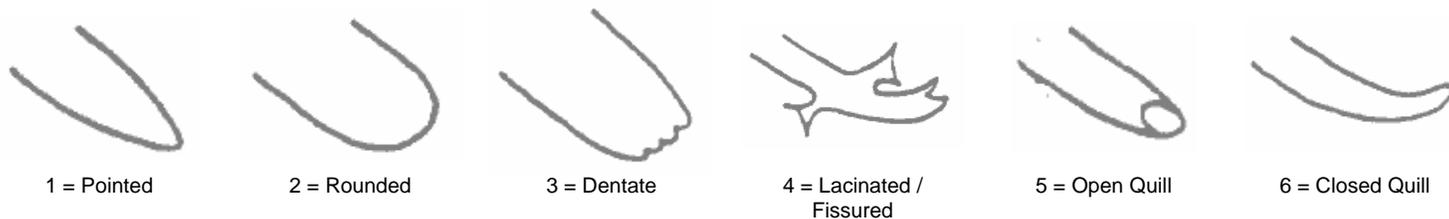
<input type="checkbox"/> 1 = Irregular incurve	2 = Reflex	3 = Regular Incurve
4 = Decorative	5 = Intermediate	6 = Pompon
7 = Single and Semi-double	8 = Anemone	9 = Spoon
10 = Quill	11 = Spider	12 = Brush and Thistle
13 = Unclassified		

Bloom Scent:

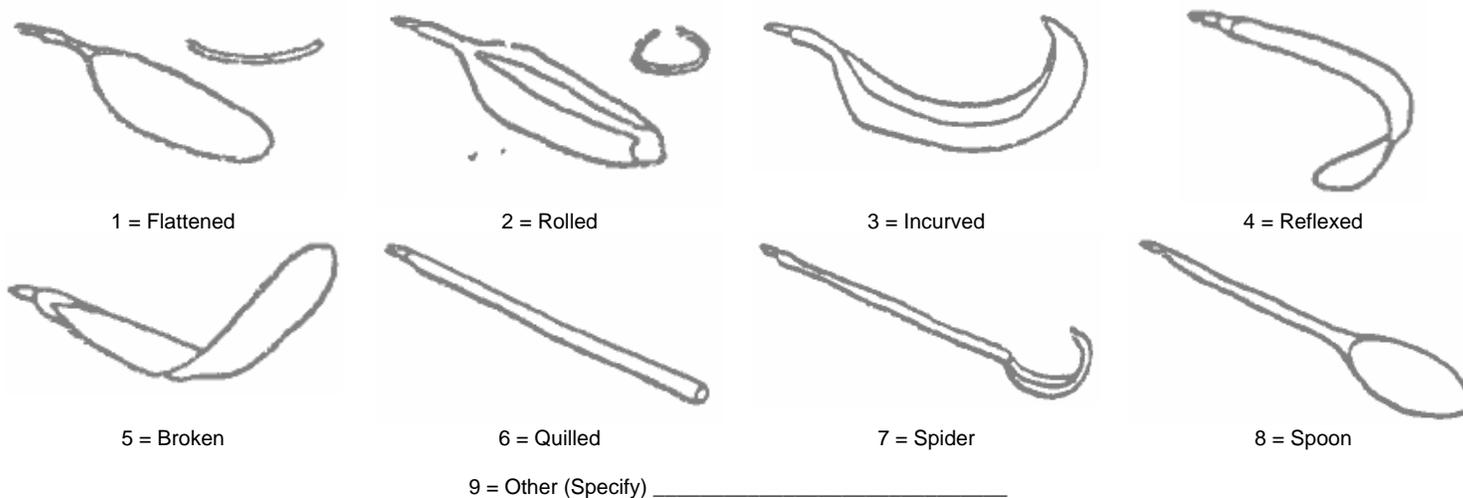
1 = Absent 2 = Present

5. RAY FLORETS: (Observe fresh fully open blooms)

Corolla Tips:



Corolla Shape:



Corolla Color – Place in each box the proper number from the color list below. Exact color reference may be indicated by placing color chart values in the blanks provided.

Outer Ray Florets:

Upper Side. Color chart value _____

Lower Side. Color chart value _____

- 1 = Light Pink 2 = Pink 3 = Light Yellow 4 = Yellow 5 = Light Bronze
6 = Bronze 7 = Red 8 = Purple 9 = White/Green 0 = Other (Specify) _____

Inner Ray Florets:

Upper Side. Color chart value _____

Upper Side. Color chart value _____

Color Pattern: 1 = Solid 2 = Other (Specify pattern and colors) _____

Pinking/Bronzing with cool temperature or bloom age: 1 = Present 2 = Absent

6. DISK FLORETS: (at anthesis)

Distribution: 1 = Center of head, conspicuous 2 = Center of head, inconspicuous 3 = Mostly scattered among ray florets 4 = Absent

Corolla Color: 1 = Yellow 2 = Brown 3 = Black 4 = Other (Specify) _____ Color chart value _____

Corolla Shape: 1 = Tubular 2 = Funnel 3 = Petaloid

7. DISEASE AND PEST RESISTANCE: (0 = Not Tested 1 = Susceptible 2 = Resistant)

- Powdery Mildew (*Erysiphe Cichoracearum*)
- Rust (*Puccinia chrysanthemi*)
- Leafspot (*Septoria chrysanthemi*)
- Wilt (*Verticillium spp.*)
- Gray Mold/Petal Rot (*Botrytis cinerea*)
- Ray Blight (*Mycosphaerella ligulicola*)
- Bacterial Blight (*Erwinia carotovora*)
- Crown Gall (*Agrobacterium tumeficiens*)
- Other (Specify) _____

8. Indicate a variety most closely resembling the variety submitted for the following characters:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant Habit		Flower Size	
Plant Size		Flower Shape	
Leaf Shape		Flower Color	

REFERENCES:

Cathey, H. M. 1954. Temperature classification of chrysanthemum. Bull. N. Y. State Flower Growers 104:1.

National Chrysanthemum Society. 1978 Handbook on chrysanthemum classification. National Chrysanthemum Society, Inc., U. S. A.

SUGGESTED COLOR CHARTS:

Munsell Color Co., Inc. 1966. Munsell book of color. Baltimore.

The Royal Horticultural Society. 1966. R.H.S. Color chart. London.

U. S. Department of Commerce, National Bureau of Standards. 1976. National Bureau of Standards standard reference material 2107 color kit. Washington, D. C.