



Application Variety Data	Comparison Variety Data
<p><b>2. FOLIAGE:</b> (continued)</p> <p>___ . ___ mm Leaf Width</p> <p>___ . ___ mm Leaf Length</p> <p>___ Leaf Color: 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Bronze 5 = Other (describe) _____</p> <p>Color Chart Name _____ Color Chart Reading _____</p> <p>___ Petiole Anthocyanin: 1 = Absent 2 = Mild 3 = Strong</p> <p>___ Glands: 1 = Absent 2 = Punctuate 3 = Large Dots</p> <p>___ Glands Location: 1 = Basal 2 = Apical 3 = Both</p> <p>___ Leaf Odor: 1 = None 2 = Mild Fragrance 3 = Strong Fragrance 4 = Mild "Marigold" 5 = Strong "Marigold"</p>	<p>___ . ___ mm Leaf Width</p> <p>___ . ___ mm Leaf Length</p> <p>___ Leaf Color</p> <p>Color Chart Reading _____</p> <p>___ Petiole Anthocyanin</p> <p>___ Glands</p> <p>___ Glands Location</p> <p>___ Leaf Odor</p>
<p><b>3. STEM:</b></p> <p>___ Profile: 1 = Straight 2 = Zig Zag</p> <p>___ Structure: 1 = Brittle 2 = Intermediate 3 = Flexible</p> <p>___ Stem Anthocyanin: 1 = Absent 2 = Along Veins Only 3 = Solid Coloration</p> <p>___ . ___ cm Stem Length from Base of Stem to Involucre of Terminal Flower</p> <p>___ . ___ cm Stem Length from Base of Stem to Axil of Top Branch</p> <p>___ . ___ cm Stem Length from Axil of Top Branch to Involucre of Terminal Flower</p> <p>___ Number of Internodes Below First Branch</p> <p>___ Number of First Order Branches (from Main Stem)</p>	<p>___ Profile</p> <p>___ Structure</p> <p>___ Stem Anthocyanin</p> <p>___ . ___ cm Stem Length (Total)</p> <p>___ . ___ cm Stem Length (Bottom Portion)</p> <p>___ . ___ cm Stem Length (Top Portion)</p> <p>___ Number of Internodes Below First Branch</p> <p>___ Number of First Order Branches (from main stem)</p>
<p><b>4. FLOWER HEAD:</b></p> <p>___ Type: 1 = Carnation 2 = Chrysanthemum 3 = Other _____</p> <p>___ Fullness: 1 = Single 2 = Semi-double 3 = Double</p> <p>___ Silhouette: 1 = Flattened 2 = Rosette 3 = Globular</p> <p>___ Number Flower Heads per Plant</p> <p>___ . ___ mm Flower Head Diameter</p> <p>___ Flower Odor: 1 = None 2 = Mild Fragrance 3 = Strong Fragrance 4 = Mild "Marigold" 5 = Strong "Marigold"</p> <p>___ Flower Head Colors: 1 = Single 2 = Bicolor 3 = Tricolor</p>	<p>___ Type</p> <p>___ Fullness</p> <p>___ Silhouette</p> <p>___ Number Flower Heads per Plant</p> <p>___ . ___ mm Flower Head Diameter</p> <p>___ Flower Odor</p> <p>___ Flower Head Colors</p>

**5. FLOWER COLORS:** (Note: Common Color Charts: RHS = Royal Horticultural Society Colour Chart; Munsell = Munsell Book of Color)

	Color Verbal Name	Color Chart Code	Color Chart Name		Color Name	Chart Code	Chart Name
EXAMPLE	Light blue	106C	RHS				
Primary Flower Color				Primary Flower Color			
Secondary Flower Color				Secondary Flower Color			
Disk Flower Color				Disk Flower Color			
Other Color (describe location or placement)				Other Flower Color (describe)			

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<p><b>6. RAY FLORET:</b></p> <p>___ . ___ mm Length (Use Outer Row of First Matured Flower)</p> <p>___ . ___ mm Width (Use Outer Row of First Matured Flower)</p> <p>___ Shape: 1 = Flattened 2 = Curled/Twisted ('Fantastic') 3 = Other _____</p> <p>___ Apices: 1 = Entire 2 = Lobed 3 = Notched</p> <p>___ Dorsal Surface: 1 = Glabrous 2 = Pubescent 3 = Pubescent on Apices Only</p> <p>___ Ventral Surface: 1 = Glabrous 2 = Pubescent 3 = Pubescent on Apices Only</p> <p>___ Dorsal Luster: 1 = Shiny 2 = Dull</p> <p>___ Ventral Luster: 1 = Shiny 2 = Dull</p> <p>___ Dorsal Color Pattern: 1 = Solid 2 = Spotted 3 = Striped 4 = Picotee 5 = Other _____</p> <p>___ Ventral Color Pattern: 1 = Solid 2 = Spotted 3 = Striped 4 = Picotee 5 = Other _____</p>	<p>___ . ___ mm Length</p> <p>___ . ___ mm Width</p> <p>___ Shape</p> <p>___ Apices</p> <p>___ Dorsal Surface</p> <p>___ Ventral Surface</p> <p>___ Dorsal Luster</p> <p>___ Ventral Luster</p> <p>___ Dorsal Color Pattern</p> <p>___ Ventral Color Pattern</p>
<p><b>7. DISC FLORETS:</b></p> <p>___ Disc Flowers: 1 = Absent 2 = Present but Covered 3 = Present and Uncovered</p> <p>___ Disc Flower Type: 1 = Not Quilled 2 = Quilled</p>	<p>___ Disc Flowers</p> <p>___ Disc Flower Type</p>
<p><b>8. SEEDS:</b> (Measure Mature (Dry) Seeds)</p> <p>___ Seed Set: 1 = None 2 = Poor 3 = Fair 4 = Good 5 = Excellent</p> <p>___ Seed Coat Color: 1 = White 2 = Tan 3 = Brown 4 = Black 5 = Other _____</p> <p>___ Pappus Color: 1 = White 2 = Tan 3 = Brown 4 = Other _____</p> <p>___ . ___ mg Weight per 1000 Seeds</p>	<p>___ Seed Set</p> <p>___ Seed Coat Color</p> <p>___ Pappus Color</p> <p>___ . ___ mg Seed Weight</p>

**9. RESISTANCE:** Test as many disease and insect reactions as possible before applying for protection. Tests for disease and insect reactions should include a resistant check and a susceptible check for each disease or insect being tested. When using disease resistance to describe distinctness, information on these checks should be included in the distinctness statement in support of the distinctness claim. Rate the application variety and the comparison variety on a scale of 1 (most susceptible) to 9 (most resistant) for each disease or insect reaction being reported. Give the scientific and common names of each disease/insect for completeness, and the race or strain, if known. **(Rate from 1 (most susceptible) to 9 (most resistant)):**

Rating	Disease/Insect Name (give race or strain, if known)	Rating	Disease/Insect Name
___	_____	___	_____
___	_____	___	_____
___	_____	___	_____
___	_____	___	_____

10. Attach ONE photographic print of the application variety and the comparison variety described above, indicating the identity of each variety. This photograph should show flower heads of each variety at a magnification sufficient to identify most of the verbal descriptors given above. (Additional photographs in support of this application may be supplied as part of the Exhibits B or D.)