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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE**

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Lobelia (*Lobelia* spp.)**

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)		FOR OFFICIAL USE ONLY
		PVPO NUMBER

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

In the spaces on the left, enter the appropriate numbers that describe the characteristics of the application variety. On the right, enter the appropriate numbers that describe the characteristics of the most similar comparison variety. Right justify whole numbers by adding leading zeros if necessary. The variety that you choose for comparison should be the most similar one in terms of overall morphology, background and maturity. The comparison variety should be grown in field trials with the application variety for 2-3 location/years (environments) in the region and season of best adaptability. In general, measurements of quantitative traits should be taken from one trial on 15-25 randomly selected plants or plant parts to obtain averages and statistics that describe a typical field of the variety.

Application Variety Data	Comparison Variety Data
<p>1. OVERALL PLANT HABIT: (at flowering stage)</p> <p>Data Collection Site _____</p> <p>___ Species: 1 = Erinus 2 = Cardinalis 3 = Siphilitica 4 = Other _____</p> <p>___ Subspecies/Forma: 1 = Compacta 2 = Pendula 3 = Other _____</p> <p>___ Ploidy: 1 = Haploid 2 = Diploid 3 = Triploid 4 = Tetraploid</p> <p>___ Life Cycle: 1 = Annual 2 = Biennial 3 = Perennial</p> <p>___ Type: 1 = Hanging Basket Type 2 = Bedding Type 3 = Other _____</p> <p>___ Growth Form: 1 = Upright 2 = Semi prostrate 3 = Prostrate</p> <p>___ Flowering Season: 1 = Very Early 2 = Early 3 = Mid Season 4 = Late 5 = Continuous</p> <p>___ Days from Planting to First Flowering</p> <p>___ Length of Flowering Season in Days</p> <p>___ • ___ cm Plant Height at Maturity</p> <p>___ • ___ cm Plant Width at Maturity</p> <p>___ Plant Height Class: 1 = Extra Dwarf 2 = Dwarf 3 = Semi-dwarf 4 = Tall</p> <p>___ Plant Width Class: 1 = Compact 2 = Semi-compact 3 = Spreading</p>	<p>Comparison Variety Name _____</p> <p>___ Species</p> <p>___ Subspecies/Forma</p> <p>___ Ploidy</p> <p>___ Life Cycle</p> <p>___ Type</p> <p>___ Growth Form</p> <p>___ Flowering Season</p> <p>___ Days from Planting to First Flowering</p> <p>___ Days – Flowering Season Length</p> <p>___ • ___ cm Plant Height</p> <p>___ • ___ cm Plant Width</p> <p>___ Plant Height Class</p> <p>___ Plant Width Class</p>
Application Variety Data	Comparison Variety Data

<p>Application Variety Data</p> <p>2. FOLIAGE:</p> <p>___ Main Stalk Anthocyanin: 1 = Absent 2 = Mild 3 = Strong</p> <p>___ Leaf Margin: 1 = Entire 2 = Serrate 3 = Other _____</p> <p>___ Leaf Shape: 1 = Lanceolate 2 = Elliptic 3 = Obovate 4 = Ovate</p> <p>___ • ___ mm Leaf Width</p> <p>___ • ___ mm Leaf Length</p> <p>___ Color: 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Bronze 5 = Red 6 = Other (describe) _____</p> <p>___ Pubescence: 1 = Absent 2 = Light 3 = Heavy</p> <p>___ Glandular Stickiness: 1 = Absent 2 = Present</p> <p>___ Luster: 1 = Dull 2 = Shiny</p>	<p>Comparison Variety Data</p> <p>___ Main Stalk Anthocyanin</p> <p>___ Leaf Margin</p> <p>___ Leaf Shape</p> <p>___ • ___ mm Leaf Width</p> <p>___ • ___ mm Leaf Length</p> <p>___ Leaf Color</p> <p>___ Pubescence:</p> <p>___ Glandular Stickiness</p> <p>___ Luster</p>
<p>3. FLOWER CYME/SPIKE:</p> <p>___ Shape: 1 = Flat 2 = Dome 3 = Pyramid 4 = Spike</p> <p>___ Number Cymes/Spikes per Plant</p> <p>___ Number Florets per Cyme/Spike</p> <p>___ Pedicel Anthocyanin: 1 = Absent 2 = Mild 3 = Strong</p>	<p>___ Shape</p> <p>___ Number Cymes per Plant</p> <p>___ Number Florets per Cyme</p> <p>___ Pedicel Anthocyanin</p>
<p>4. FLORET:</p> <p>___ • ___ mm Floret Diameter</p> <p>___ • ___ mm Eye Diameter</p> <p>___ • ___ mm Petal Length</p> <p>___ • ___ mm Petal Width</p> <p>___ Floret Spacing on Spike: 1 = Loose 2 = Moderate 3 = Compact (overlapping)</p> <p>___ Floret Doubleness: 1 = Single 2 = Semi-double 3 = Double</p> <p>___ Floret Shape: 1 = Round 2 = Star 3 = Irregular 4 = Other _____</p> <p>___ Color Pattern: 1 = Without Eye 2 = With Eye</p> <p>___ Petal Colors: 1 = Single 2 = Bicolor 3 = Tricolor</p>	<p>___ • ___ mm Floret Diameter</p> <p>___ • ___ mm Eye Diameter</p> <p>___ • ___ mm Petal Length</p> <p>___ • ___ mm Petal Width</p> <p>___ Floret Spacing on Spike</p> <p>___ Floret Doubleness</p> <p>___ Floret Shape</p> <p>___ Color Pattern</p> <p>___ Petal Colors</p>

	Color Verbal Name	Color Chart Code	Color Chart Name		Color Name	Chart Code
EXAMPLE	Light Blue	106C	RHS			
Main Petal Color				Main Petal Color		
Secondary Petal Color				Secondary Petal		
Eye Color				Eye Color		
Other Color (describe location or placement)						

Application Variety Data	Comparison Variety Data
<p>5. SEEDS: (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>___ . ___ mg Weight per 1000 Seeds</p>	<p>___ Seed Set</p> <p>___ Seed Coat Color</p> <p>___ . ___ mg Seed Weight</p>

6. 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 novelty, information on these checks should be included in the novelty statement in support of the novelty 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)):**

Application Variety Data	Comparison Variety Data																				
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Rating</th> <th style="width:90%;">Disease/Insect Name (Give race or strain, if known)</th> </tr> </thead> <tbody> <tr><td>___</td><td>_____</td></tr> <tr><td>___</td><td>_____</td></tr> <tr><td>___</td><td>_____</td></tr> <tr><td>___</td><td>_____</td></tr> </tbody> </table>	Rating	Disease/Insect Name (Give race or strain, if known)	___	_____	___	_____	___	_____	___	_____	<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Rating</th> <th style="width:90%;">Disease/Insect Name</th> </tr> </thead> <tbody> <tr><td>___</td><td>_____</td></tr> <tr><td>___</td><td>_____</td></tr> <tr><td>___</td><td>_____</td></tr> <tr><td>___</td><td>_____</td></tr> </tbody> </table>	Rating	Disease/Insect Name	___	_____	___	_____	___	_____	___	_____
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7. 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 information and photographs in support of this application may be supplied as part of the Exhibits B or D.)