

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 2.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

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

**Exhibit C**

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

NAME OF APPLICANT (S)

TEMPORARY OR EXPERIMENTAL DESIGNATION

VARIETY NAME

ADDRESS (Street and No. or RD No., City, State, 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	Comparison Variety Data
<p><b>1. GENERAL:</b></p> <p>___ Species: 1 = Drummondii 2 = Carolina 3 = Paniculata 4 = Stolonifera 5 = Other (Specify) _____</p> <p>___ Type: 1 = Stellaris 2 = Nana compacta 3 = Grandiflora 4 = Gigantea 5 = Other (Specify) _____</p> <p>___ Type of Variety 1 = Inbred 2 = Open Pollinated 3 = F1 Hybrid 4 = Other _____</p> <p>___ Life Cycle: 1 = Annual 2 = Biennial 3 = Perennial</p> <p>___ Ploidy Level: 1 = Haploid 2 = Diploid 3 = Triploid 4 = Tetraploid</p>	<p>Comparison Variety Name _____</p> <p>___ Species</p> <p>___ Type</p> <p>___ Type of Variety</p> <p>___ Life Cycle</p> <p>___ Ploidy</p>
<p><b>2. MATURITY:</b></p> <p>___ Days from Seeding to First Flower</p> <p>___ Days from Transplanting to First Flower</p> <p>___ Days in Flowering Season</p>	<p>___ Days from Seeding</p> <p>___ Days from Transplanting</p> <p>___ Days in Flowering Season</p>
<p><b>3. PLANT TOP (At Mid-Flowering Stage):</b></p> <p>___ Use: 1 = Bedding 2 = Cut Flowers 3 = Ground Cover 4 = Other _____</p> <p>___ Moisture Preference: 1 = Dry 2 = Moist 3 = Wet</p> <p>___ Light Preference: 1 = Full Shade 2 = Partial Shade 3 = Full Sun</p> <p>___ Habit: 1 = Compact 2 = Intermediate 3 = Spreading 4 = Trailing</p> <p>___ cm Plant Height</p> <p>___ cm Plant Width</p>	<p>___ Use</p> <p>___ Moisture Preference</p> <p>___ Light Preference</p> <p>___ Habit</p> <p>___ cm Plant Height</p> <p>___ cm Plant Width</p>

Application Variety	Comparison Variety Data
<p><b>4. LEAF:</b> (At Mid-flowering Stage)</p> <p>___ ● ___ mm Leaf Length</p> <p>___ ● ___ mm Leaf Width</p> <p>___ Color (verbal): 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Bronze 5 = Other (specify) _____</p> <p>Color (Color Chart – Example RHS 143B): _____</p> <p>___ Pubescence: 1 = Absent 2 = Sparce 3 = Moderate 4 = Thick</p> <p>___ Glandular Stickiness: 1 = Absent 2 = Light 3 = Moderate 4 = Heavy</p>	<p>___ ● ___ mm Leaf Length</p> <p>___ ● ___ mm Leaf Width</p> <p>___ Color (verbal)</p> <p>Leaf Color (Chart) _____</p> <p>___ Pubescence</p> <p>___ Glandular Stickiness</p>

<p><b>5. FLOWER CYME:</b> (At Mid-flowering Stage)</p> <p>___ Number Florets/Cyme</p> <p>___ Number Cymes/Plant</p> <p>___ Shape: 1 = Flat 2 = Dome 3 = Pyramid</p> <p>___ cm Total Cyme Height (Above Foliage to Top of Cyme)</p> <p>___ cm Flowering Cyme Height (From First Flower to Top of Cyme)</p> <p>___ cm Cyme Width (Flower Head Diameter)</p>	<p>___ Number Florets</p> <p>___ Number Cymes</p> <p>___ Shape</p> <p>___ cm Total Cyme Height</p> <p>___ cm Flowering Cyme Height</p> <p>___ cm Cyme Width</p>
---	---

<p><b>6. FLORET:</b></p> <p>___ ● ___ mm Floret Diameter</p> <p>___ Shape: 1 = Round 2 = Star 3 = Other (specify) _____</p> <p>___ Doubleness: 1 = Single 2 = Semi-double 3 = Double</p> <p>___ Coloration: 1 = Monocolor 2 = Bicolor 3 = Tricolor</p> <p>___ Color Pattern: 1 = Without "eye" 2 = With "eye"</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">FLOWER COLORS:</th> <th style="width:15%;">Verbal (Choose from Colors Below):</th> <th style="width:65%;">Color Chart Reading (Example: RHS 143B)</th> </tr> </thead> <tbody> <tr> <td>Background (Main Color)</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Eye</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Apex Half of Petal</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Base Half of Petal</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Blotches</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Spots</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Streaks</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Other Area (Specify Area)</td> <td>___</td> <td>_____</td> </tr> </tbody> </table>	FLOWER COLORS:	Verbal (Choose from Colors Below):	Color Chart Reading (Example: RHS 143B)	Background (Main Color)	___	_____	Eye	___	_____	Apex Half of Petal	___	_____	Base Half of Petal	___	_____	Blotches	___	_____	Spots	___	_____	Streaks	___	_____	Other Area (Specify Area)	___	_____	<p>___ ● ___ mm Floret Diameter</p> <p>___ Shape</p> <p>___ Doubleness</p> <p>___ Coloration</p> <p>___ Color Pattern</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;"></th> <th style="width:15%;">Verbal (Choose from Colors Below):</th> <th style="width:65%;">Color Chart Reading (Example: RHS 143B)</th> </tr> </thead> <tbody> <tr> <td>Main Color</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Eye</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Apex Half</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Base Half</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Blotches</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Spots</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Streaks</td> <td>___</td> <td>_____</td> </tr> <tr> <td>Other Area</td> <td>___</td> <td>_____</td> </tr> </tbody> </table>		Verbal (Choose from Colors Below):	Color Chart Reading (Example: RHS 143B)	Main Color	___	_____	Eye	___	_____	Apex Half	___	_____	Base Half	___	_____	Blotches	___	_____	Spots	___	_____	Streaks	___	_____	Other Area	___	_____
FLOWER COLORS:	Verbal (Choose from Colors Below):	Color Chart Reading (Example: RHS 143B)																																																					
Background (Main Color)	___	_____																																																					
Eye	___	_____																																																					
Apex Half of Petal	___	_____																																																					
Base Half of Petal	___	_____																																																					
Blotches	___	_____																																																					
Spots	___	_____																																																					
Streaks	___	_____																																																					
Other Area (Specify Area)	___	_____																																																					
	Verbal (Choose from Colors Below):	Color Chart Reading (Example: RHS 143B)																																																					
Main Color	___	_____																																																					
Eye	___	_____																																																					
Apex Half	___	_____																																																					
Base Half	___	_____																																																					
Blotches	___	_____																																																					
Spots	___	_____																																																					
Streaks	___	_____																																																					
Other Area	___	_____																																																					

Verbal Flower Color Choices: 01 = White 02 = Cream 03 = Yellow 04 = Orange 05 = Salmon 06 = Pink 07 = Rose 08 = Red 09 = Purple  
10 = Lavender 11 = Buff 12 = Green 13 = Other (Specify) \_\_\_\_\_

<p><b>7. DISEASE AND INSECT REACTIONS</b> (1 = Most Susceptible; 5 = Intermediate; 9 = Most Resistant):</p> <p>___ Powdery Mildew</p> <p>___ Septoria Leaf Spot</p> <p>___ Other Disease (Specify) _____</p> <p>___ Red Spider Mite</p> <p>___ Other Insect (Specify) _____</p>	<p>___ Powdery Mildew</p> <p>___ Septoria Leaf Spot</p> <p>___ Other Disease (Specify) _____</p> <p>___ Red Spider Mite</p> <p>___ Other Insect (Specify) _____</p>
---	---

**8.** 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.)