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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Celery (*Apium graveolens* L. var. *dulce* (Miller) Pers.)**

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:

Place numbers in the boxes to designate the expressions which are characteristic of the application variety. Data for quantitative plant characters should be based on a minimum of 50 plants. Include leading zeros when necessary (e.g., 0 8 9) for quantitative data. Comparative data should be determined from varieties entered in the same trial with the same planting or transplant date. Plant colors may be precisely designated by using any recognized color chart, e.g., The National Bureau of Standards Color Kit 2107.

COMPARISON VARIETIES
(For Use Below)

- 1 = Tall Utah 52-70R Improved 2 = Florida 683 3 = Summer Pascal 4 = Tall Golden Self Blanching

1. TYPE:

<input style="width: 20px; height: 20px;" type="checkbox"/>	1 = Crystal Jumbo (Tall Utah 52-70R Improved) 2 = Ordinary Utah (Tall Utah 10-B) 3 = Pascal (Summer Pascal) 4 = Green Intermediates (Slow Bolting Green No. 96) 5 = Yellow (Tall Golden Self Blanching) 6 = Other (Specify) _____
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2. MATURITY:

Number of days from transplanting to harvest date (during principal production period of growing location):

<input style="width: 20px; height: 20px;" type="text"/>	Days in Western U.S. (Specify growing location and transplant date): _____
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<input style="width: 20px; height: 20px;" type="text"/>	Days Earlier Than	<input style="width: 20px; height: 20px;" type="text"/>	}	Comparison Varieties
<input style="width: 20px; height: 20px;" type="text"/>	Same As	<input style="width: 20px; height: 20px;" type="text"/>		
<input style="width: 20px; height: 20px;" type="text"/>	Days Later Than	<input style="width: 20px; height: 20px;" type="text"/>		

<input style="width: 20px; height: 20px;" type="text"/>	Days in Eastern U.S. (Specify growing location and transplant date): _____
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<input style="width: 20px; height: 20px;" type="text"/>	Days Earlier Than	<input style="width: 20px; height: 20px;" type="text"/>	}	Comparison Varieties
<input style="width: 20px; height: 20px;" type="text"/>	Same As	<input style="width: 20px; height: 20px;" type="text"/>		
<input style="width: 20px; height: 20px;" type="text"/>	Days Later Than	<input style="width: 20px; height: 20px;" type="text"/>		

2. MATURITY: (continued)

Class (as determined by number of days from transplanting to harvest maturity):

<input type="checkbox"/>	In Western U.S.	}	1 = Very Early (≤ 70 Days)	2 = Early (71 – 85 Days)	3 = Midseason (86 – 100 Days)	4 = Late (101 – 115 Days)	5 = Very Late (≥ 116 Days)
<input type="checkbox"/>	In Eastern U.S.						

3. PLANT: (At Harvest Maturity)

Height (from crown to top of leaves):

Mean:	<input type="text"/> <input type="text"/>	cm	Most Common Range:	<input type="text"/> <input type="text"/>	to	<input type="text"/> <input type="text"/>	cm
	<input type="text"/> <input type="text"/>	cm Taller Than	}	Comparison Varieties	LSD .05 =	<input type="text"/> <input type="text"/>	• <input type="text"/>
	<input type="text"/> <input type="text"/>	Same As					
	<input type="text"/> <input type="text"/>	cm Shorter Than					

Height Class (as determined by mean plant height):

<input type="checkbox"/>	1 = Short (< 48 cm)	2 = Medium (48-61cm)	3 = Tall (> 61 cm)
<input type="text"/> <input type="text"/> • <input type="text"/> <input type="text"/>	Number of Outer Petioles (40cm or longer) per Plant		

<input type="text"/> <input type="text"/> • <input type="text"/> <input type="text"/>	More Than	}	Comparison Varieties	LSD .05 =	<input type="text"/> <input type="text"/>	• <input type="text"/> <input type="text"/>
<input type="text"/> <input type="text"/>	Same As					
<input type="text"/> <input type="text"/> • <input type="text"/> <input type="text"/>	Less Than					

Number of Inner Petioles (Less Than 40cm) per Plant

<input type="text"/> <input type="text"/> • <input type="text"/> <input type="text"/>	More Than	}	Comparison Varieties	LSD .05 =	<input type="text"/> <input type="text"/>	• <input type="text"/> <input type="text"/>
<input type="text"/> <input type="text"/>	Same As					
<input type="text"/> <input type="text"/> • <input type="text"/> <input type="text"/>	Less Than					

Stalk Shape ("Stalk" refers to a market trimmed plant):

<input type="checkbox"/>	1 = Cylindrical (Tall Utah 52-70R Improved)	2 = Flaring (Summer Pascal)	3 = Spindle (Tall Utah 10-B)
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Stalk Conformation:

<input type="checkbox"/>	1 = Compact (Tall Utah 52-70R Improved)	2 = Slightly Open (June Belle)	3 = Loose (Summer Pascal)
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Heart Formation:

<input type="checkbox"/>	1 = Sparce (Summer Pascal)	2 = Medium	3 = Full (Tall Utah 52-70R Improved)
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4. PETIOLE: (Outer marketable petioles of stalk; use same petioles and number of petioles for length, width, and thickness measurements)

Length (from butt to first joint)

Mean:	<input type="text"/> <input type="text"/> <input type="text"/>	mm	Most Common Range:	<input type="text"/> <input type="text"/> <input type="text"/>	to	<input type="text"/> <input type="text"/> <input type="text"/>	mm
	<input type="text"/> <input type="text"/> <input type="text"/>	mm Longer Than	}	Comparison Varieties	LSD .05 =	<input type="text"/> <input type="text"/> <input type="text"/>	• <input type="text"/> <input type="text"/> <input type="text"/>
	<input type="text"/> <input type="text"/> <input type="text"/>	Same As					
	<input type="text"/> <input type="text"/> <input type="text"/>	mm Shorter Than					

4. PETIOLE: (continued)

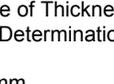
Length Class (as determined by mean petiole length):

- 1 = Short (< 20cm) 2 = Medium (20-30cm) 3 = Tall (> 30cm)

Width (at midpoint between wing and first joint):

- mm
 mm Wider Than
 Same As
 mm Narrower Than
- Comparison Varieties
- LSD .05 = • mm
- Cross Section at Midpoint
- 

Thickness (at midpoint between wing and first joint):

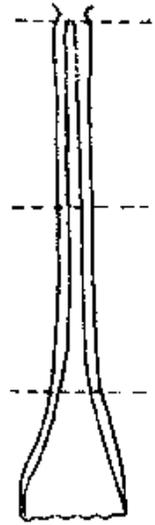
- Mm
 mm Thicker Than
 Same As
 mm Thinner Than
- Comparison Varieties
- LSD .05 = • mm
- Site of Thickness Determination
- 

First Joint

Midpoint

Wing

Butt



Cross-sectional Shape (At midpoint between wing and first joint):

- 1 = Deeply Cupped 2 = Moderately Cupped 3 = Slightly Cupped 4 = Nearly Flat
- 

Color (Unblanched at harvest):

- 1 = Yellow (Tall Green Self Blanching) 2 = Light Green (Earlibelle)
 3 = Medium Green (June-Belle) 4 = Dark Green (Tall Utah 52-70R Improved)
 5 = Very Dark Green (Tall Utah 52-75)

Color Chart Value (Specify chart used: _____)

Application Variety _____

Comparison Variety _____

Anthocyanin:

- 1 = Absent 2 = Present

Stringiness:

- 1 = Very Slight (June-Belle) 2 = Moderate (Florida 683) 3 = Normal (Tall Utah 52-70R Improved)

Ribbing:

- 1 = Inconspicuous (Summer Pascal) 2 = Moderate (Tall Utah 52-70R Improved) 3 = Normal (Tall Golden Self Blanching)
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Glossiness:

- 1 = Dull (Summer Pascal) 2 = Moderately Glossy (Tall Utah 52-70R Improved) 3 = Glossy (Golden Detroit)

5. LEAF BLADE: (Of outmost petioles of trimmed plant):

Color of Upper Surface:

- 1 = Yellowish Green (Tall Golden Self Blanching) 2 = Dark Green (Tall Utah 52-70R Improved) 3 = Outer (Specify) _____

Color Chart Value (Specify chart used: _____)

Application Variety _____

Comparison Variety _____

