

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 1.75 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, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (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 to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (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
Beet or Chard (*Beta vulgaris* L., *B. v. ssp. cicla* L. (W.Koch))

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

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character typical of this variety in the spaces below.

Place a zero in the first box (e.g. or) when number is either 99 or less or 9 or less.

1. KIND:

1 = Garden Beet 2 = Sugar Beet 3 = Mangel 4 = Chard 5 = Other (Specify) _____

2. TYPE (SUGAR):

1 = High Tonnage Yield 2 = High Sugar Yield 3 = Combination Yield

3. CHROMOSOME POIDY:

1 = Diploid 2 = Tetraploid 3 = Other (Specify) _____

No. of Days Earlier Than

1 = Ruby Queen
3 = US H 9B
5 = Giant Lucullus

2 = US H-20
4 = Jumbo Long Red

No. of Days Later Than

7. LEAF:

<input type="text"/>	Number: 1 = Sparce (10 – 15) 2 = Numerous (15 and over)	<input type="text"/>	Carriage: 1 = Spreading 2 = Semierect 3 = Erect
<input type="text"/>	Dimension 1 = Longer than Broad 2 = Broader than Long 3 = Equal	<input type="text"/>	Apex: 1 = Pointed 2 = Rounded
<input type="text"/>	Surface: 1 = Smooth 2 = Blistered	<input type="text"/>	Surface: 1 = Dull 2 = Glossy

7. LEAF: (continued)

<input type="checkbox"/>	Margin:	1 = Wavy 2 = Curled 3 = Other (Specify) _____	<input type="checkbox"/>	Margin:	1 = Entire 2 = Incised	
<input type="checkbox"/>	Color:	1 = Light Green 2 = Green 3 = Purplish Green 4 = Crimson 5 = Other (Specify) _____				
<input type="checkbox"/>	Color Change (Spring Planting):	1 = Reddens Early 2 = Redeens Midseason 3 = Reddens Late 4 = Does not Redden				
<input type="checkbox"/>	Veins:	1 = White 2 = Yellow 3 = Green 4 = Orange 5 = Red 6 = Other (Specify) _____				
Average Measurement of Largest Leaf on Each of 10 Plants (without Petiole)			<input type="text"/> <input type="text"/>	cm Long	<input type="text"/> <input type="text"/>	cm Wide

8. PETIOLE:

<input type="checkbox"/>	Color:	1 = White 2 = Yellow 3 = Green 4 = Orange 5 = Red 6 = Crimson	<input type="checkbox"/>	1 = Not Twisted 2 = Twisted
<input type="text"/> <input type="text"/>	cm Long	<input type="text"/> <input type="text"/>	cm Wide	

9. ROOT (Spring planted):

<input type="checkbox"/>	1 = Not Fleshy 2 = Fleshy	<input type="text"/> <input type="text"/>	mm Crown Diameter
<input type="checkbox"/>	Shoulder Shape:	1 = Square 2 = Sloping 3 = Rounded	
<input type="checkbox"/>	Shape:	1 = Flattened 2 = Oblong 3 = Spherical 4 = Conical 5 = Cylindrical	
<input type="checkbox"/>	Surface Color – Above ground:	1 = White 2 = Yellow 3 = Orange 4 = Red 5 = Purple 6 = Brownish Red	
<input type="checkbox"/>	Surface Color – Below ground		
<input type="checkbox"/>	Surface Texture:	1 = Smooth 2 = Roughened 3 = Wrinkled	
<input type="checkbox"/>	Flesh Color:	1 = White 2 = Yellow 3 = Orange 4 = Vermillion 5 = Light Red 6 = Dark Red	
<input type="checkbox"/>	Cross Section Zones:	1 = Indistinct 2 = Distinct	
<input type="text"/> <input type="text"/> <input type="text"/>	mm Length of Root	<input type="text"/> <input type="text"/> <input type="text"/>	mm Largest Diameter
<input type="text"/> <input type="text"/> <input type="text"/>	mm Length of Root	<input type="text"/> <input type="text"/> <input type="text"/>	mm Largest Diameter
<input type="checkbox"/>	Exposure Above Ground	1 = None 2 = 25% 3 = 50% 4 = 75%	
<input type="text"/> <input type="text"/> <input type="text"/>	Tap Root	1 = Fine 2 = Medium 3 = Coarse	

10. FLOWER COLOR:

<input type="checkbox"/>	Stamens:	1 = Whitish Green 2 = Pink 3 = Red	<input type="checkbox"/>	Stigma:	1 = Whitish Green 2 = Pink 3 = Red
--------------------------	----------	--	--------------------------	---------	--

11. SEED STALK (At Maturity):

<input type="text"/> <input type="text"/>	cm High	<input type="text"/> <input type="text"/>	cm Above Foliage
---	---------	---	------------------

12. BOLTING:

<input type="checkbox"/>	More Resistant Than.....	<input type="checkbox"/>	1 = US H 9 B 2 = US H 20
<input type="checkbox"/>	Less Resistant Than.....	<input type="checkbox"/>	3 = Ruby Queen 4 = Jumbo Long Red 5 = Giant Lucullus

13. STORAGE LIFE:

<input type="checkbox"/>	1 = Longer than US H 20 2 = Shorter than US H 20
--------------------------	--

14. DISEASE RESISTANCE (0 = Untested; 1 = Susceptible; 2 = Resistant):

<input type="checkbox"/>	Cercospora Leaf Spot	<input type="checkbox"/>	Clubroot	<input type="checkbox"/>	Crown Rot (<i>Rhizoclonia</i>)
<input type="checkbox"/>	Curly Top	<input type="checkbox"/>	Cyst Nematode	<input type="checkbox"/>	Downy Mildew
<input type="checkbox"/>	Root Rot (Black root – <i>Aphanomyces</i>)	<input type="checkbox"/>	Yellows (Specify)	<input type="checkbox"/>	Other (Specify) _____

15. INSECT RESISTANCE:

☐ Root Maggot

☐ Other (Specify) _____

16. INDICATE VARIETIES WHICH MOST CLOSELY RESEMBLE THAT SUBMITTED:

CHARACTER	NAME OF VARIETY
Foliage Type	
Size of Leaves	
Number of Leaves	
Root Type	
Root Size	
Root Color (Surface)	
Flesh Color	
Juice Purity	
Percent Sucrose	

COMMENTS: