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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
Lentil (*Lens culinaris* Medik.)**

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:

PLEASE READ ALL INSTRUCTIONS CAREFULLY. Place the appropriate number that describes the varietal character in the boxes below. Place a zero in the first box (e.g., or) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 25 plants. Comparative data should be determined from varieties entered on the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: _____

Please answer all questions for your variety; lack of response may delay progress of your application.

1: MARKET CLASS

1 = Large Green 2 = Medium Green 3 = Small Green 4 = Large Red 5 = Medium Red 6 = Small Red

2. MATURITY:

Relative Maturity: 1 = Early 2 = Medium 3 = Late

Days from Planting to Harvest

Days from Planting To Harvest of the Check Variety. Name of Check Variety: _____

3. PLANT HABIT:

Type: 1 = Determinate 2 = Intermediate 3 = Indeterminate

Plant Height in Centimeters

Plant Height of the Check Variety. Name the Check Variety: _____

Pod Position: 1 = Low (Lower Pods Touching the Soil Surface)
2 = High (Lower Pods Not Touching the Soil Surface)
3 = Scattered (Not Concentrated High or Low)

Adaptability to Machine Harvest: 1 = Adapted 2 = Not Adapted

Lodging Resistance: 1 = Good 2 = Fair 3 = Poor

4. LEAFLET MORPHOLOGY:

<input type="checkbox"/>	Leaflet Texture:	1 = Smooth	2 = Wrinkled		
<input type="checkbox"/>	Leaflet Surface:	1 = Dull	2 = Glossy	3 = Semiglossy	4 = Variable

4. LEAFLET MORPHOLOGY:

<input type="checkbox"/>	Relative Size:	1 = Small	2 = Medium	3 = Large		
<input type="checkbox"/>	Leaflet Shape:	1 = Ovate	2 = Lanceolate	3 = Deltoid	4 = Cordate	5 = Rhomboid
<input type="checkbox"/>	Apex of Leaflet:	1 = Acute	2 = Acuminate	3 = Cuspidate	4 = Obtuse	
<input type="checkbox"/>	Base of Leaflet:	1 = Obtuse	2 = Oblique	3 = Cordate	4 = Cuneate	5 = Attenuate

5. FLOWER:

<input type="checkbox"/>	Color of Standard:	1 = White	2 = Cream	3 = Pink	4 = Blue	5 = Purple	6 = White/Blue
		7 = Other (Specify) _____					
<input type="checkbox"/>	Color of Wings:	1 = White	2 = Cream	3 = Pink	4 = Blue	5 = Purple	6 = White/Blue
		7 = Other (Specify) _____					
<input type="checkbox"/>	Color of Keel:	1 = White	2 = Cream	3 = Pink	4 = Blue	5 = Purple	6 = White/Blue
		7 = Other (Specify) _____					
<input type="checkbox"/>	Number of Days to 50% Bloom	<input type="text"/>	<input type="text"/>				

6. POD MORPHOLOGY:

Green Mature

<input type="checkbox"/>	<input type="checkbox"/>	Color Pattern:	1 = Solid	2 = Striped	3 = Blotched	4 = Mottled	5 = Other (Specify) _____		
<input type="checkbox"/>	<input type="checkbox"/>	Primary Color:	1 = Purple	2 = Red	3 = Green	4 = Yellow	5 = Tan	6 = Brown	7 = Other _____
<input type="checkbox"/>	<input type="checkbox"/>	Color Modifier:	1 = Light	2 = Light Medium	3 = Medium	4 = Medium Dark	5 = Dark		
<input type="checkbox"/>	<input type="checkbox"/>	Secondary Color:	1 = Purple	2 = Red	3 = Green	4 = Yellow	5 = Tan	6 = Brown	7 = Other _____
<input type="checkbox"/>	<input type="checkbox"/>	Cross Section Shape:	1 = Flat	2 = Pear	3 = Round	4 = Figure 8			
<input type="checkbox"/>	<input type="checkbox"/>	Pod Curvature:	1 = Straight	2 = Slightly Curved	3 = Curved	4 = Recurved			
<input type="checkbox"/>	<input type="checkbox"/>	Pod Beak Orientation:	1 = Straight	2 = Curved Upward	3 = Curved Downward	4 = Variable			
<input type="checkbox"/>	<input type="checkbox"/>	Pod Constrictions:	1 = None	2 = Slight	3 = Deep				
<input type="checkbox"/>	<input type="checkbox"/>	Average Beak Length in Millimeters	<input type="text"/>	<input type="text"/>					
<input type="checkbox"/>	<input type="checkbox"/>	Average Number of Seeds per Pod	<input type="text"/>	<input type="text"/>					

7. SEED COLOR:

<input type="checkbox"/>	Seed Luster:	1 = Shiny	2 = Dull	3 = Semishiny	4 = Variable				
<input type="checkbox"/>		1 = Monochrome	2 = Polychrome						
<input type="checkbox"/>	Primary Color:	1 = White	2 = Yellow	3 = Beige	4 = Tan	5 = Brown	6 = Pink	7 = Red	8 = Purple
		9 = Blue	10 = Black	11 = Green	12 = Other _____				
<input type="checkbox"/>	Secondary Color:	1 = White	2 = Yellow	3 = Beige	4 = Tan	5 = Brown	6 = Pink	7 = Red	8 = Purple
		9 = Blue	10 = Black	11 = Green	12 = Other _____				
<input type="checkbox"/>	Seed Fleck Color:	1 = White	2 = Yellow	3 = Beige	4 = Tan	5 = Brown	6 = Pink	7 = Red	8 = Purple
		9 = Blue	10 = Black	11 = Green	12 = Other _____				

7. SEED COLOR

Seedcoat Color Pattern: 1 = Solid 2 = Splashed 3 = Mottled 4 = Striped 5 = Flecked 6 = Dotted

Hilum Color: 1 = White 2 = Yellow 3 = Beige 4 = Tan 5 = Brown 6 = Pink 7 = Red 8 = Purple
9 = Blue 10 = Black 11 = Green 12 = Other _____

Cotyledon Color: 1 = Yellow 2 = Orange 3 = Red 4 = Yellow/Orange 5 = Red/Orange

8. SEED SHAPE AND WEIGHT:

Shape: 1 = Round 2 = Oval 3 = Cuboid 4 = Kidney 5 = Truncate/Fastigate

Dry Seed Weight in Grams per 100 Seeds (Adjusted to 12% Moisture)

9. ANTHOCYANIN PIGMENTATION: 1 = Absent 2 = Present

Flowers Stems Pods Seeds
 Leaves Petioles Peduncles Nodes

10. DISEASE or PEST REACTION: 1 = Susceptible 2 = Resistant 3 = Tolerant 4 = Avoidance 0 = Not Tested

Give the Common Name (CN) Scientific Name (SN), and Race/Biotype/Panthotype (R), Where Applicable

- Anthracnose (*Colletotrichum* spp.)
- Ascochyta (*Ascochyta pisi*)
- Fusarium (*Fusarium solani*)
- Pythium (*Pythium ultimum*)
- Pea Enation Mosaic Virus
- White Mold (*Sclerotinia sclerotiorum*)
- CN _____ SN _____ R _____
- Weevils
- CN _____ SN _____ R _____
- CN _____ SN _____ R _____

11. PSYCHOLOGICAL STRESS REACTION: 1 = Susceptible 2 = Resistant 3 = Tolerant 4 = Avoidance 0 = Not Tested

Heat Cold Drought Air Pollution

12. COMMENTS: