

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 1.33 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  
Fennel (*Foeniculum vulgare*)**

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 that 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., 09 or 096) 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.

**1. PLANT:**

- \_\_\_\_\_ Stem Type: 1 = Hollow 2 = Pithy
- \_\_\_\_\_ Habit: 1 = Bulbed 2 = Leaf only 3 = Seed
- \_\_\_\_\_ Plant Height in cm.

**2. BULBS:**

	Class 18	Class 24	Class 30	Class 36
% of Bulbs	_____	_____	_____	_____
Average weight	_____	_____	_____	_____
Average height	_____	_____	_____	_____
Average length	_____	_____	_____	_____
Average width	_____	_____	_____	_____
___ Shape of bulb longitudinal section parallel to leaf sheaths	1 = Elliptic 2 = Circular 3 = Elliptic Transverse 4 = Broad Rectangular			
___ Shape of bulb longitudinal section transverse to leaf sheaths	2 = Elliptic 2 = Circular 3 = Flat			
___ Shape of bulb cross section	1 = Elliptic 2 = Circular 3 = Narrow Elliptic			
___ Bulb Color	1 = White 2 = Green			

**3. LEAF:**

- \_\_\_ Color 1 = Green 2 = Other
- \_\_\_ Leaf Attitude 1 = Erect 2 = Semi-erect
- \_\_\_ Leaf Appearance 1 = Dense 2 = Loose

**3. LEAF:** (continued) Total Leaf Length in cm Total Leaf Width in mm Sheath Length 1 = Short 2 = Medium 3 = Long Sheath Width 1 = Narrow 2 = Medium 3 = Broad**4. CHEMICAL CONTENT:** % Palmitic Acid % Oleic Acid % Linoleic Acid % Fenchone % Estrgole % Anethole**5. FLOWER:** Average Number of Umbels Average Number of Umblets/Umbel # of Seeds/Umblet gm/100 Seeds Width of Umbel in cm Color of Buds Shape of Buds Color of Pistil Color of Stamen Color of Petals Bolting 1 = Early 2 = Medium 3 = Late**6. MATURITY:** Days to First Umbel Days to Last Umbel Days to 50% Flower Days to White Hairs on Bud Days to First Noticable Increase in Bud Size Days to Fully Developed Bud, (Ovaries and Stamen Developed) Days to Fully Opened Flower**7. DISEASE/PESTS:** *Penicillium oxalicum* *Aspergillus flavus* *Aspergillus niger* *Aspergillus fumigatus*

**7. DISEASE/PESTS:** (continued)

- \_\_\_ *Aspergillus tamarii*
- \_\_\_ *Aspergillus glaucus*
- \_\_\_ *Alternaria* spp.
- \_\_\_ *Candida* spp.
- \_\_\_ *Cladosporium* spp.
- \_\_\_ *Curvularia* spp.
- \_\_\_ *Helminthosporium* spp.
- \_\_\_ *Memnoniella* spp.
- \_\_\_ *Monilia* spp.
- \_\_\_ *Mucor* spp.
- \_\_\_ *Thrips flavus* Schrank