

OBJECTIVE DESCRIPTION OF VARIETY

PEA (*PISUM SATIVUM*)

NAME OF APPLICANT(S) CEBECO ZADEN B.V.		VARIETY NAME OR TEMPORARY DESIGNATION DELTA (CEBECO 1431)
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) POB 10000 5250 GA Vlijmen - Holland		FOR OFFICIAL USE ONLY PVPO NUMBER

Place the appropriate number that describes the varietal character in the boxes below.  
Place a zero in first box (e.g.  or ) when number is either 99 or less or 9 or less.

1. TYPE:

1 = GARDEN      2 = FIELD      3 = EDIBLE-POODED

2. MATURITY:

Node number of first bloom:       No. of days to processing       Heat Units

No. of days Earlier than       1 = ALASKA WR      2 = THOMAS LAXTON WR      3 = LITTLE MARVEL

No. of days Later than       4 = WANDO      5 = ALDERMAN WR      6 = AUSTRIAN WINTER

3. PLANT HEIGHT:

CM. HIGH

Cm. Shorter than       } 1 = ALASKA WR      2 = THOMAS LAXTON WR      3 = LITTLE MARVEL

Cm. Taller than       } 4 = WANDO      5 = ALDERMAN WR      6 = AUSTRIAN WINTER      7 = Carrier

4. VINE:

Habit: 1 = DETERMINATE      2 = INDETERMINATE       Stockiness: 1 = SLIM (Alaska)      3 = HEAVY (Alderman)  
2 = MEDIUM (Thomas Laxton WR)

Branching: 1 = NONE (Alaska)      2 = 1-2 BRANCHES (Little Marvel)      3 = MORE THAN 2 BRANCHES (Dwarf Gray Sugar)

Internodes: 1 = STRAIGHT      2 = ZIG ZAG       NUMBER OF NODES

5. LEAFLETS: NOT PRESENT

Color: 1 = LIGHT GREEN (Alaska WR)      2 = MED. GREEN (Thomas Laxton WR)      3 = DARK GREEN (Alderman)  
4 = OTHER (Specify)

Wax: 1 = NONE      2 = LIGHT      3 = MEDIUM      4 = HEAVY       1 = NOT MARBLED      2 = MARBLED (Alaska)

Number of leaflet pairs: 1 = NOT PAIRED      2 = ONE      3 = TWO      4 = THREE OR MORE

6. STIPULES:

1 = LACKING      2 = PRESENT       1 = NOT CLASPING      2 = CLASPING

1 = NOT MARBLED      2 = MARBLED       Size (Compared with leaflets): 1 = SMALLER      2 = SAME  
3 = LARGER

Color (Compared with leaflets): 1 = LIGHTER      2 = SAME      3 = DARKER      LEAFLETS NOT PRESENT

7. FLOWER COLOR:

VENATION       STANDARD       WING       KEEL } 1 = WHITE      2 = GREENISH      3 = LAVENDER  
4 = PURPLE      5 = RED  
6 = OTHER (Specify) greenish-pink-yellow  
(creamy)

8. PODS:

2 Shape: 1 = STRAIGHT 2 = SLIGHTLY CURVED  2 End: 1 = POINTED (Alderman) 2 = BLUNT (Alaska)  
 3 = CURVED  
 2 Color: 1 = LIGHT GREEN (Alaska WR) 2 = MEDIUM GREEN 3 = DARK GREEN (Alderman)  
 4 = OTHER (Specify) \_\_\_\_\_  
 1 Surface: 1 = SMOOTH 2 = ROUGH  2 Surface: 1 = SHINY 2 = DULL  
 2 Borne: 1 = SINGLE 2 = DOUBLE 3 = SINGLE AND DOUBLE 4 = SINGLE, DOUBLE, & TRIPEE  
 5 = DOUBLE & TRIPLE 6 = TRIPLE 7 = OTHER (Specify) \_\_\_\_\_  
 6  3 CM. LENGTH  1  4 MM. WIDTH (Between sutures)  0  8 NO. SEEDS PER POD

9. SEEDS (95-100 Tenderometer):

2 Color: 1 = LIGHT GREEN 2 = GREEN 3 = DARK GREEN 4 = OTHER (Specify) \_\_\_\_\_  
 Seive: %  1  2  3  4  5  6  7  8  AVERAGE

SEEDS (Dry, Mature):

4 Shape: 1 = FLATTENED 2 = ANGULAR 3 = OVAL 4 = ROUNDED  
 1 Surface: 1 = SMOOTH 2 = DIMPLED  2 Surface: 1 = SHINY 2 = DULL  
 3 = WRINKLED  
 1 Color Pattern: 1 = MONOCOLOR 2 = MOTTLED 3 = STRIPED 4 = DOTTED  
 4 Primary Color: { 1 = CREAMY-WHITE 2 = CREAM & GREEN 3 = LIGHT GREEN 4 = MEDIUM GREEN  
 5 = DARK GREEN 6 = BLUE-GREEN 7 = YELLOW 8 = BROWN 9 = RED  
 Secondary Color: { 10 = GRAY 11 = BLACK  
 1 Hilum Floor Color: 1 = WHITE 2 = TAN  2 Cotyledon Color: 1 = GREEN 2 = YELLOW 3 = ORANGE  
 3 = BLACK

2  6 GRAMS PER 100 SEEDS

10. DISEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

2 FUSARIUM WILT race 1  0 NEAR-WILT  1 DOWNY MILDEW  
 2 ASCOCHYTA BLIGHT race 6  1 POWDERY MILDEW  0 BACTERIAL BLIGHT  
 1 MOSAIC  0 PEA ENATION MOSAIC  0 YELLOW BEAN MOSAIC  
 OTHER (Specify) \_\_\_\_\_

11. INSECT: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

APHIDS  OTHER (Specify) \_\_\_\_\_

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leafiness		Fresh Seed Color	
Leaf Color		Mature Seed Color	
Pod Color		Seed Shape	
Pod Shape		Plant Habit	

COMMENTS: Resembles to Carrera but differs on the first day of flowering, Carrera is 4 days earlier.