

## **BRASSICA DESCRIPTORS**

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### **1. Plant height [cm]**

Measure extremity of plant (See Fig. 1.)

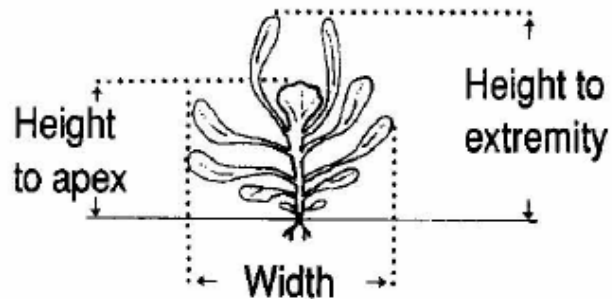


Fig. 1. Plant height

### **2. Leaf length [cm]**

Measure largest leaf including petiole (See Fig. 2.)

### **3. Leaf blade width [cm]**

Measure widest point of largest leaf (See Fig. 2.)

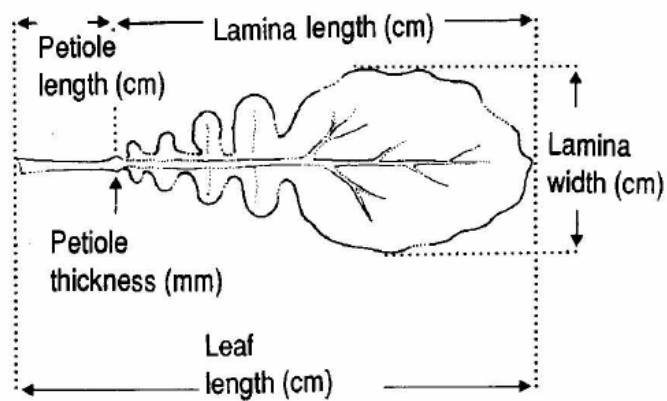


Fig. 2. Leaf length and width

### **4. Leaf lobes**

0 Absent  
+ Present

### **5. Number of lobes**

3 Low (< 5)  
5 Medium (5-8)  
7 High (>8)

## 6. Leaf blade shape in outline, including lobes

See Fig. 3.

- 1 Orbicular
- 2 Elliptic
- 3 Obovate
- 4 Spathulate
- 5 Ovate
- 6 Lanceolate
- 7 Oblong
- 8 Other

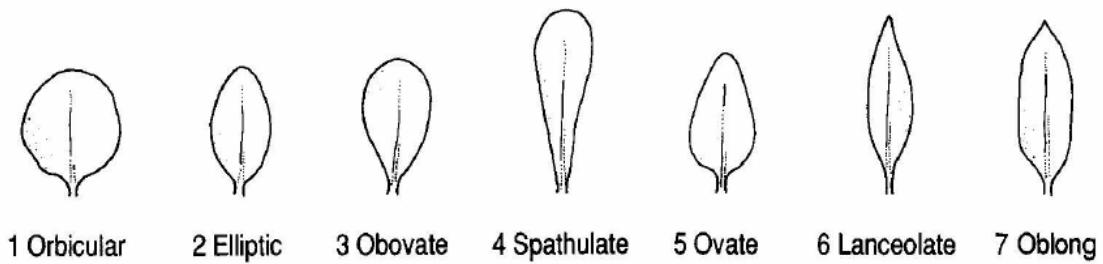


Fig. 3. Leaf blade shape in outline

## 7. Leaf division (margin)

See Fig. 4.

- 0 Entire
- 1 Crenate
- 2 Dentate
- 3 Serrate
- 4 Undulate
- 5 Doubly dentate
- 6 Other

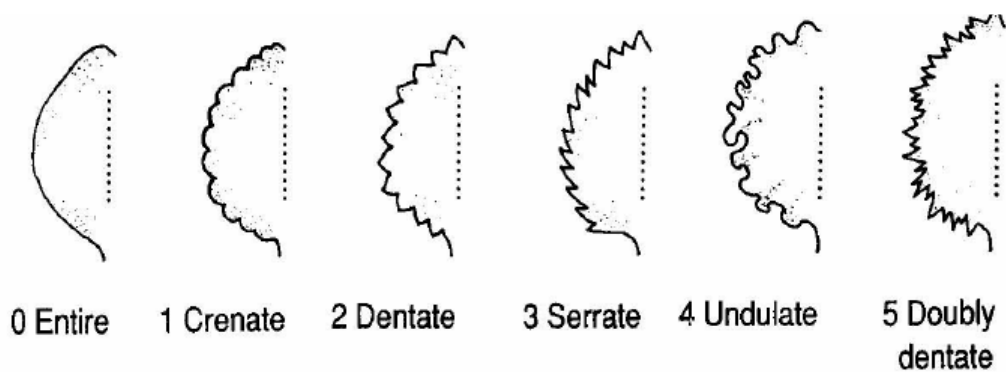


Fig. 4. Leaf division, margin

## 8. Leaf division (incision)

See Fig. 5.

- 1 Entire
- 2 Sinuate
- 3 Lyrate
- 4 Lacerate
- 5 Other

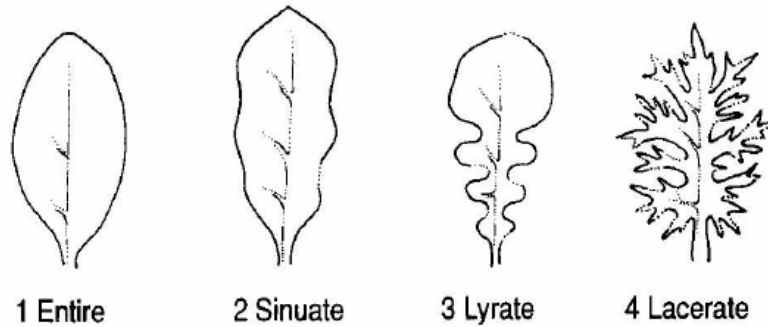


Fig. 5. Leaf division, margin

## 9. Leaf apex shape

See Fig. 6.

- 2 Acute
- 4 Intermediate
- 6 Rounded
- 8 Broadly rounded

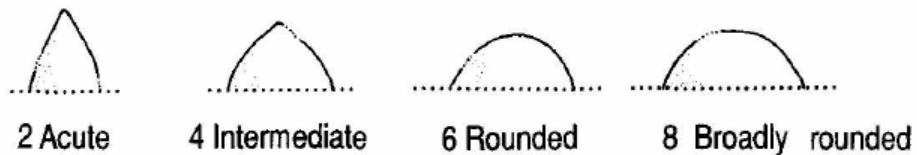


Fig. 6. Leaf apex shape

## 10. Leaf blade blistering

See Fig. 7.

- 0 None
- 3 Low
- 5 Intermediate
- 7 High

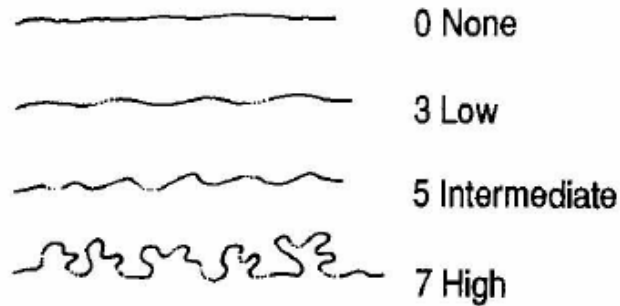


Fig. 7. Leaf blade blistering, in transverse section

### 11. Leaf colour

- 1 Yellow green
- 2 Light green
- 3 Green
- 4 Dark green
- 5 Purple green
- 6 Purple
- 7 Other

### 12. Leaf hairiness

- 0 Absent
- 3 Sparse
- 5 Intermediate
- 7 Abundant

### 13. Petiole and/or midvein colour

- 1 White
- 2 Light green
- 3 Green
- 4 Purple
- 5 Red
- 6 Other

### 14. Days to flowering

Number of days from sowing to when 50% of plants first flower

### 15. Petal colour

- 1 White
- 2 Pale yellow
- 3 Yellow
- 4 Orange yellow
- 5 Pink
- 6 Red
- 7 Purple
- 8 Other

### 16. Length of petals (cm)

- 3 Short (<1.2 )
- 5 Medium (1.2-1.5 )
- 7 Long (>1.5 )

### 17. Width of petals(cm)

- 3 Narrow (<0.6)
- 5 Medium (0.6-0.7 )
- 7 Broad (>0.7 )

### 18. Siliqua colour before drying

- 1 Yellow green
- 2 Green
- 3 Red green
- 4 Purple green
- 5 Purple
- 6 Other (specify in the NOTES descriptor)

### 19. Days to maturity

Number of days from sowing to when 90% of the plants are ready for harvest (yellowing of Siliqua)

### 20. Siliqua length [cm]

See Fig. 8.

- 3 Short ( < 4.5 )
- 5 Medium (4.5-5.5 )
- 7 Long (> 5.5 )

### 21. Beak length [cm]

See Fig. 8.

- 3 Short (<0.8 )
- 5 Medium (0.8 – <1.2 )
- 7 Long (> 1.2 )

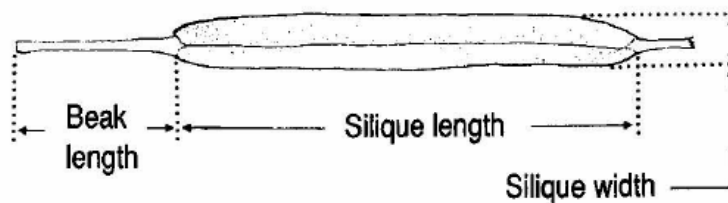


Fig. 8. Siliqua length/width

## 22. Silique attitude

See Fig. 9.

- 1 Erect
- 2 Hanging
- 3 Pointing down

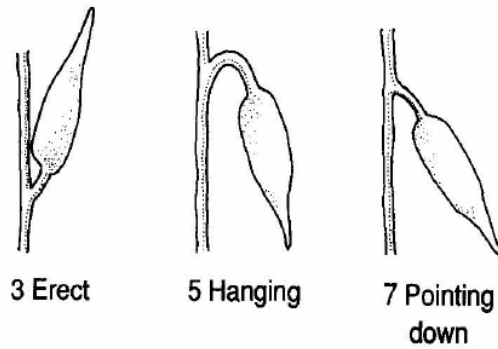


Fig. 9. Silique attitude

## 23. Silique surface outline

See Fig. 10.

- 3 Smooth
- 5 Undulating
- 7 Constricted between seeds

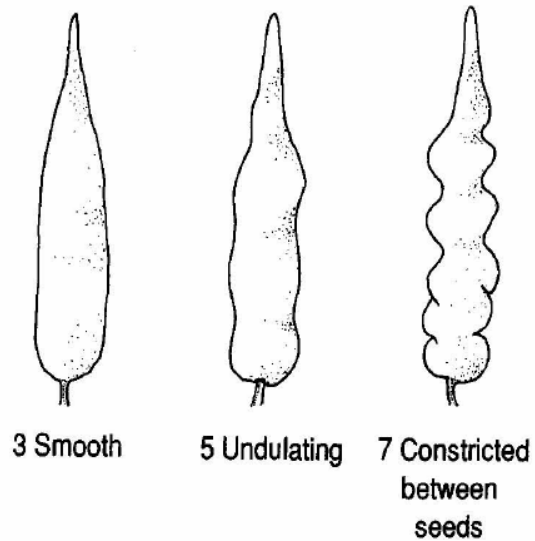


Fig.10. Silique surface

## 24. Silique hairiness

- 0 Absent
- 3 Few hairs
- 5 Intermediate
- 7 Hairy

**25. Number on main shoot**

- 3 Very few (<40)
- 5 Few (41 - <50)
- 7 Medium (51 - <60)
- 9 Many (> 60)

**26. Density on main shoot**

- 3 Low (<0.7)
- 5 Medium (0.7 - 0.8)
- 7 High (>0.8)

**27. Primary seed coat colour**

After drying

- 1 Yellow
- 2 Yellow brown
- 3 Light brown
- 4 Brown
- 5 Dark brown
- 6 Red brown
- 7 Red
- 8 Blue-black
- 9 Gray-black
- 10 Other (specify in the NOTES descriptor)

**28. 1000 seed weight [g]**

According to ISTA rules 5 to 6% moisture content

**29. Number of seeds per Siliqua**

- 3 Few (10 or less)
- 5 Intermediate (11-20)
- 7 Many (21 or more)

**30. Notes**