

## Sesame Descriptors

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### Plant characters

#### 1. Plant growth type

Indeterminate  
Determinate

1  
2



Fig. 1. Plant growth type

#### 2. Plant growth habit

Prostrate  
Semi-erect  
Erect

1  
2  
3

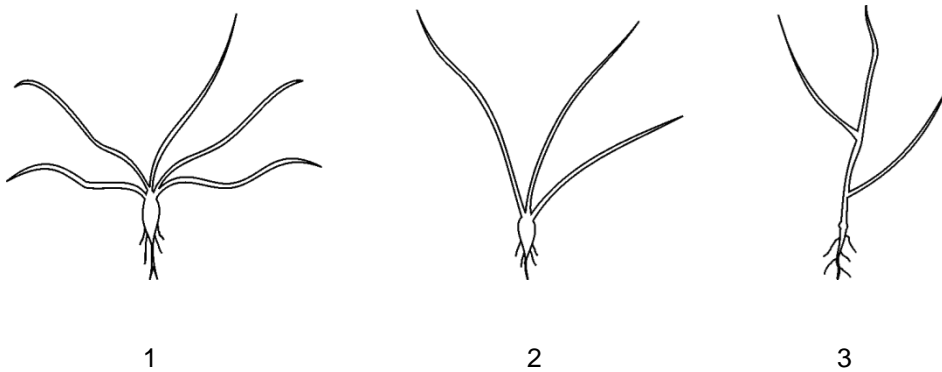


Fig. 2. Plant growth habit

### Stem characters

#### 3. Plant height [cm]

Measured at flower initiation on the main stem from the ground level up to the apex

4. Main stem colour

Presence of pigments recorded on mature plants, colour should be determined on the older, lower, part of the stem

Green	1
Yellow	2
Purplish green	3
Purple	4
Other (specify in descriptor Remarks)	99

5. Stem hairiness

Absent	1
Sparse	3
Dense	5

6. Branching

Absent	1
Few (1-2)	3
Medium (3-4)	5
Profuse (>4)	7

7. Branching pattern

Non branching	0
Basal branching	1
Top branching	2
Other (specify in descriptor Remarks)	3

**Leaf characters**

8. Leaf hairiness

Recorded on ventral surface of bottom leaves

Glabrous (hair absent)	0
Weak or sparse	3
Medium	5
Strong or profuse	7

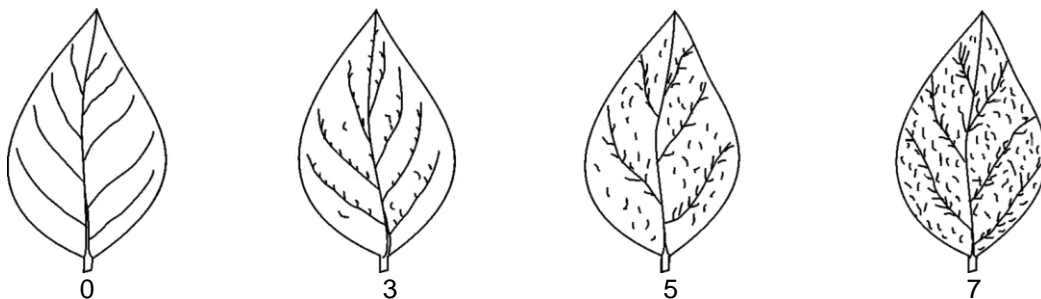


Fig. 5. Leaf hairiness

9. Leaf shape

Record middle and top leaves separately.

Linear	1
Lanceolate	2
Elliptic	3
Ovate	4
Narrowly cordate	5
Other (specify in descriptor Remarks)	99

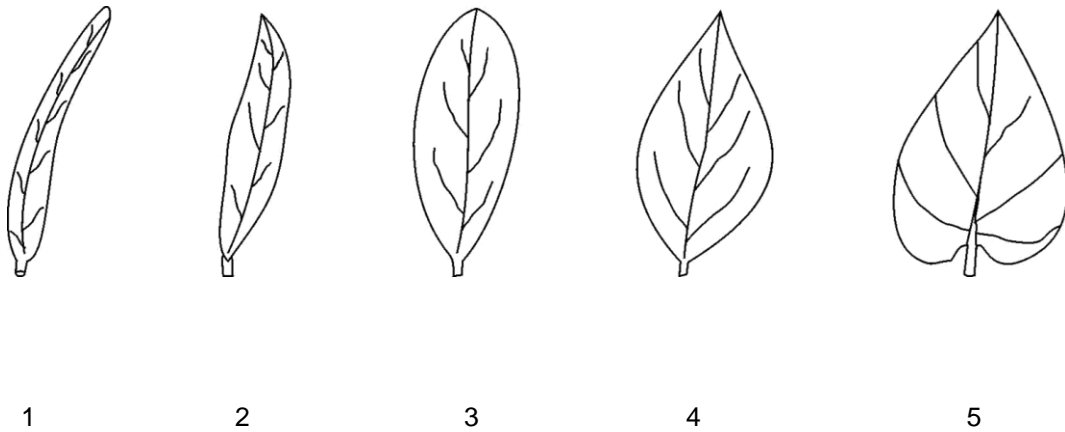


Fig. 7. Leaf shape

10. Basal leaf margin

Entire	1
Serrate	2
Dentate	3

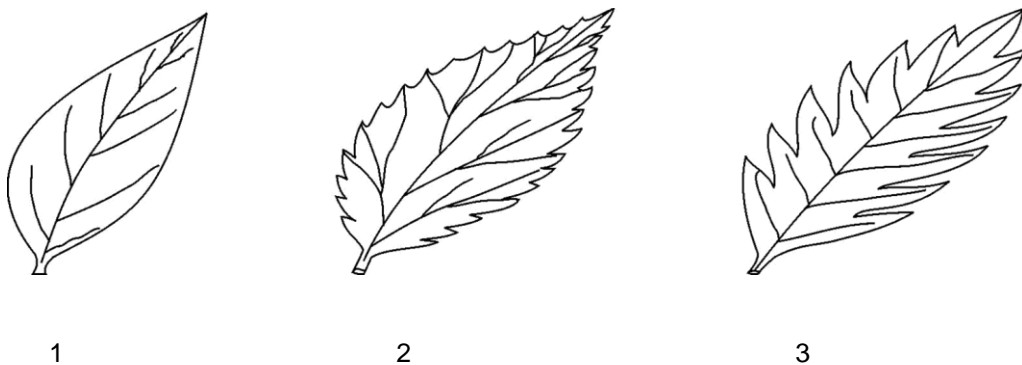


Fig. 8. Basal leaf margin

11. Lobe incision of basal leaf

Recorded on the lower half of the main stem at beginning of flowering based on the most common state.

Absent (leaf entire)	0
Weak	3
Medium	5
Strong (three or more lobes)	7

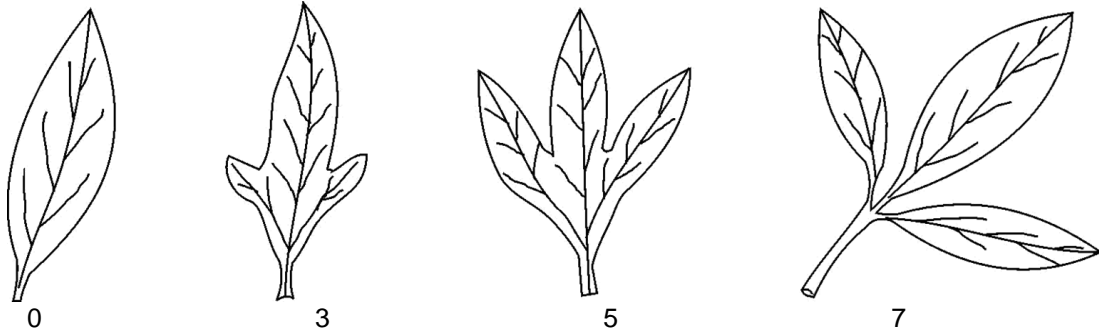


Fig. 9. Lobe incision of basal leaf

12. Petiole colour

Observed on fully-formed, mature, leaves

Green	1
Greenish purple	2
Purple	3
Pink	4
Other (specify in descriptor Remarks)	99

**Inflorescence characters**

13. Days to flower initiation [d]

Number of days from sowing or first irrigation to first flower initiation

14. Days to 50% flowering [d]

Number of days from sowing or first irrigation until 50% of the plants in a row initiate flowering

15. Number of flowers per leaf axil

One	1
More than one	2

16. Corolla hairiness

Absent	1
Sparse	3
Dense	5

17. Exterior corolla colour

White	1
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White with pink shading	2
White with deep pink shading	3
Pink	4
Light violet	5
Dark violet	6
Purple	7
Red	8
Maroon	9
Other (specify in descriptor Remarks)	99

18. Interior corolla colour

White	1
White with pink shading	2
White with deep pink shading	3
Pink	4
Light violet	5
Dark violet	6
Purple	7
Red	8
Light maroon	9
Other (specify in descriptor Remarks)	99

**Capsule characters**

19. Number of capsules per plant

Mean of five randomly selected plants

20. Number of locules per capsule

Observed on capsules from the middle of main stem

Four	1
Six	2
Eight	3
Mixed	4

21. Bicarpellate capsule shape

Capsule from the middle of main stem.

Tapered at apex	1
Narrow oblong	2
Broad oblong	3
Square	4

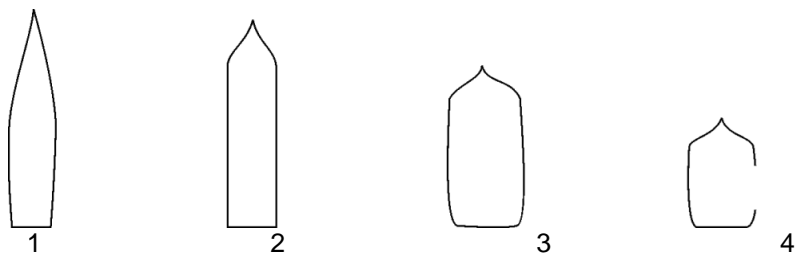


Fig. 13. Bicarpellate capsule shape

22. Capsule arrangement

Monocapsular	1
Multicapsular	2
(Record the number of capsules per node in descriptor Remarks)	

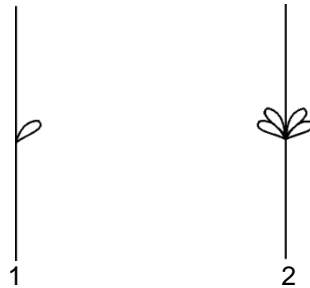


Fig. 14. Capsule arrangement

23. Capsule hairiness

Glabrous (hair absent)	0
Weak or sparse	3
Medium	5
Strong or profuse	7

24. Mean capsule length [mm]

Measured on five randomly selected capsules from the middle of main stem, each from a different plant at physiological maturity

25. Colour of dry capsules

(Sun dried)

Green	1
Straw/yellow	2
Brown/tan	3
Purple	4

26. Type of capsule beak

Short	1
Long	2
Curved	3
Cleft	4
Other (specify in descriptor Remarks)	99

27. Days to Maturity

Number of days from sowing or first irrigation until 50% of the plants in a row attain physiological maturity

## Seed characters

### 28. Seed coat colour

(If the accessions show more than one colour, each colour should be named separately as per the intensity of colour in descending order)

White	1
Cream	2
Beige	3
Light brown	4
Medium brown	5
Dark brown	6
Brick red	7
Tan	8
Olive	9
Grey	10
Dull black	11
Bright black	12
Other (specify in descriptor Remarks)	99

### 29. 1000-seed weight [g]

Weight in grams of 1000 random seeds taken from the bulk harvest

### 30. Remarks