

| Company Name   |                                   |                    |      |                         |        |      |
|--|-----------------------------------|--------------------|------|-------------------------|--------|------|
| Crop Name  |                                   | Mothbean           |      |                         |        |      |
| Variety Name   |                                   |                    |      |                         |        |      |
| Types Of Variety<br>:(Hybrid/Composite/Synthetic/Improved/Single Cross/Double Cross) |                                   |                    |      |                         |        |      |
| Sl.No.   | Characteristics                   | States             | Note | Hybrid/Research Variety | Female | Male |
| 1  | 2                                 | 3                  | 4    | 5                       | 6      | 7    |
| 1  | Plant type                        | Semi erect         | 3    |                         |        |      |
|  |                                   | Spreading          | 5    |                         |        |      |
| 2  | Plant habit                       | Determinate        | 3    |                         |        |      |
|  |                                   | Indeterminate      | 5    |                         |        |      |
| 3  | No. of primary branches per plant | Low                | 3    |                         |        |      |
|  |                                   | Moderate           | 5    |                         |        |      |
|  |                                   | High               | 7    |                         |        |      |
| 4  | Lobing of the terminal leaflet    | Very shallow       | 1    |                         |        |      |
|  |                                   | Shallow            | 3    |                         |        |      |
|  |                                   | Deep               | 5    |                         |        |      |
|  |                                   | Very deep          | 7    |                         |        |      |
| 5  | Leaf colour                       | Light green        | 3    |                         |        |      |
|  |                                   | Medium green       | 5    |                         |        |      |
|  |                                   | Dark green         | 7    |                         |        |      |
| 6  | Petiole pubescence                | Puberulent         | 3    |                         |        |      |
|  |                                   | Pubescent          | 5    |                         |        |      |
| 7  | Peduncle pubescence               | Puberulent         | 3    |                         |        |      |
|  |                                   | Pubescent          | 5    |                         |        |      |
| 8  | Peduncle length                   | Short              | 3    |                         |        |      |
|  |                                   | Medium (>5.01-10)  | 5    |                         |        |      |
|  |                                   | Long               | 7    |                         |        |      |
| 9  | Pod length                        | Short              | 3    |                         |        |      |
|  |                                   | Medium             | 5    |                         |        |      |
| 10   | Number of clusters per plant      | Low                | 3    |                         |        |      |
|  |                                   | Moderate (20- 25)  | 5    |                         |        |      |
|  |                                   | High               | 7    |                         |        |      |
| 11   | Number of pods per plant          | Low                | 3    |                         |        |      |
|  |                                   | Moderate (40-70)   | 5    |                         |        |      |
|  |                                   | High               | 7    |                         |        |      |
| 12   | Colour of mature pod              | Light yellow brown | 3    |                         |        |      |
|  |                                   | Light brown        | 5    |                         |        |      |
|  |                                   | Grey brown         | 7    |                         |        |      |

| Sl.No. | Characteristics             | States         | Note | Hybrid/Research Variety | Female | Male |
|--------|-----------------------------|----------------|------|-------------------------|--------|------|
| 1      | 2                           | 3              | 4    | 5                       | 6      | 7    |
| 13     | Seed colour                 | Yellow brown   | 3    |                         |        |      |
|        |                             | Green grey     | 5    |                         |        |      |
|        |                             | Medium brown   | 7    |                         |        |      |
| 14     | Seed lustre                 | Shiny          | 3    |                         |        |      |
|        |                             | Dull           | 5    |                         |        |      |
| 15     | Seed shape                  | Oval           | 3    |                         |        |      |
|        |                             | Drum           | 5    |                         |        |      |
| 16     | Seed size: 100 seeds weight | Small          | 3    |                         |        |      |
|        |                             | Medium (2.5-3) | 5    |                         |        |      |
|        |                             | Large          | 7    |                         |        |      |
| 17     | Grain protein content       | Low            | 3    |                         |        |      |
|        |                             | Moderate       | 5    |                         |        |      |