| Company   |   |  |       |                     |              |      |  |  |
|-----------|---|--|-------|---------------------|--------------|------|--|--|
| Crop Name |   | Point Guard                                |       |                     |              |      |  |  |
| Variety N |   |  |       |                     |              |      |  |  |
| Types Of  |   |  |       |                     |              |      |  |  |
|           | Composite/Synthetic/Improved/Single                         |  |       |                     |              |      |  |  |
| Cross/Do  | uble Cross)   |  |       |                     |              |      |  |  |
| G N       | Characteristics   | States                                     | Notes | Hybrid/             | Female       | Male |  |  |
| S. No.    |   |  |       | Research<br>variety |              |      |  |  |
| 1         | 2   | 3  | 4     | 5                   | 6            | 7    |  |  |
| 1         | Stame Chang   | Round                                      | 3     |                     |              |      |  |  |
| 1         | Stem: Shape   | Angular                                    | 5     |                     |              |      |  |  |
| 2         | Leaf: Shape   | Auriculate                                 | 3     |                     |              |      |  |  |
|           |   | Cordate                                    | 5     |                     |              |      |  |  |
|           | Leaf: Margin  | Entire                                     | 3     |                     |              |      |  |  |
| 3         |   | Undulate                                   | 5     |                     |              |      |  |  |
|           |   | Lobed                                      | 7     |                     |              |      |  |  |
|           | Stem: Number of secondary branches up to $20^{\rm th}$ node | Few(<5)                                    | 3     |                     |              |      |  |  |
| 4         |   | Medium (5-9)                               | 5     |                     | _            |      |  |  |
|           |   | Many(>9)                                   | 7     |                     |              |      |  |  |
|           | G. N. I.                | Early maturity (<12 <sup>th</sup> node)    | 3     |                     |              |      |  |  |
| 5         | Stem: Node number at which 1 <sup>st</sup> female flower    | Medium maturity (13-15 <sup>th</sup> node) | 5     |                     | 7            |      |  |  |
|           | appears on the main vine (indicates earliness)              | Late maturity (>15 <sup>th</sup> node)     | 7     |                     | ┥            |      |  |  |
|           |   | Sparse                                     | 3     |                     |              |      |  |  |
| 6         | Stem: Intensity of Pubescence                               | Dense                                      | 7     |                     | -            |      |  |  |
|           |   | Small (< 7)                                | 3     |                     |              |      |  |  |
| 7         | Leaf blade: Length (cm)                                     | Medium (7–10)                              | 5     |                     | <del> </del> |      |  |  |
| ĺ '       |   | Long (> 10)                                | 7     |                     | +            |      |  |  |
|           | Leaf blade: Width (cm)                                      | Narrow (< 6)                               | 3     |                     |              |      |  |  |
| 8         |   | Medium (6–9)                               | 5     |                     | 7            |      |  |  |
|           |   | Broad (> 9)                                | 7     |                     | 7            |      |  |  |
|           | Leaf blade size: Length/width ratio (cm)                    | Small (< 1.0)                              | 3     |                     |              |      |  |  |
| 9         |   | Medium (1.0–1.4)                           | 5     |                     | 1            |      |  |  |
|           |   | Large (> 1.4)                              | 7     |                     | 7            |      |  |  |
| 10        | Leaf lobes  | Absent                                     | 1     |                     |              |      |  |  |
| 10        |   | Present                                    | 9     |                     | 7            |      |  |  |
|           | Leaf blade: Depth of lobing                                 | Shallow                                    | 3     |                     |              |      |  |  |
| 11        |   | Medium                                     | 5     |                     |              |      |  |  |
|           |   | Deep                                       | 7     |                     |              |      |  |  |
|           | Petiole: length (cm) Flower: Sex type                       | Short (< 2)                                | 3     |                     |              |      |  |  |
| 12        |   | Medium (2-4)                               | 5     |                     | _            |      |  |  |
|           |   | Long (> 4)                                 | 7     |                     |              |      |  |  |
| 13        |   | Dioecious                                  | 1     |                     | <u> </u>     |      |  |  |
| 1.0       |   | Gynomonoecious                             | 3     |                     |              |      |  |  |
| 14        | Fruit: Peduncle attachment                                  | Soft                                       | 3     |                     | _            |      |  |  |
| - '       |   | Hard                                       | 5     |                     |              |      |  |  |
|           | Fruit: Shape  | Club shaped                                | 1     |                     | <b>⊣</b> ∣   |      |  |  |
| 15        |   | Cylindrical                                | 2     |                     | <b>⊣</b> ∣   |      |  |  |
|           |   | Oval                                       | 3     |                     | 4            |      |  |  |
|           |   | Spindle                                    | 4     |                     | 4            |      |  |  |
|           |   | Elongated Spindle                          | 5     |                     | 4            |      |  |  |
|           |   | Ovate                                      | 6     |                     | 4            |      |  |  |
|           |   | Spheroid                                   | 7     |                     | 4            |      |  |  |
|           |   | Spindle tapering                           | 8     |                     |              |      |  |  |
| 16        | Fruit: Skin primary colour                                  | Light Green (138 C)                        | 1     |                     | <b>-</b>     |      |  |  |
|           |   | Green (138 A)                              | 3     |                     | -            |      |  |  |
| L         |   | Dark green (N 137 A)                       | 1 5   |                     |              |      |  |  |

Seal and Signature Plant Breeder

Seal and Signature Company

| S. No. | Characteristics  | States           | Notes | Hybrid/<br>Research<br>variety | Female | Male |
|--------|--|------------------|-------|--------------------------------|--------|------|
| 1      | 2  | 3                | 4     | 5                              | 6      | 7    |
|        | Fruit: Surface colour pattern                            | Uniform          | 1     |                                |        |      |
| 17     |  | Mottled          | 2     |                                |        |      |
|        |  | Striped          | 3     |                                |        |      |
| 18     | Fruit: Glossiness  | Non Glossy       | 1     |                                |        |      |
| 10     |  | Glossy           | 9     |                                |        |      |
|        | Fruit : Length (cm)                                      | Small (< 5)      | 3     |                                |        |      |
| 19     |  | Medium $(5-10)$  | 5     |                                |        |      |
|        |  | Long (> 10)      | 7     |                                | ┐      |      |
| 20     | Fruit: Diameter (cm) (at the widest portion)             | Small (< 4)      | 3     |                                |        |      |
|        |  | Large (> 4)      | 7     |                                | 7      |      |
|        | Fruit size: Length/width ratio (cm)                      | Small (< 1.5)    | 3     |                                |        |      |
| 21     |  | Medium (1.5–2.5) | 5     |                                |        |      |
|        |  | Large (> 2.5)    | 7     |                                | 7      |      |
| 22     | Fruit: Shape of apex at blossom end                      | Depressed        | 1     |                                |        |      |
|        |  | Flattened        | 3     |                                |        |      |
|        |  | Rounded          | 5     |                                |        |      |
|        |  | Pointed          | 7     |                                |        |      |
| 23     | Plant: Vine length (to be observed at full maturity) (m) | Short (<3)       | 3     |                                |        |      |
|        |  | Medium (3-5)     | 5     |                                |        |      |
|        |  | Long (> 5)       | 7     |                                |        |      |
| 24     | Seediness  | Absent           | 1     |                                |        |      |
|        |  | Present          | 9     |                                | 1      |      |
| 25     | Number of seeds/fruit                                    | Very less (<5)   | 3     |                                |        |      |
|        |  | Less (5-10)      | 5     |                                | 7      |      |
|        |  | Medium (10-15)   | 7     |                                |        |      |
|        |  | Many (>15)       | 9     |                                | 7      |      |

Seal and Signature Plant Breeder Seal and Signature Company