EXERCISE ON METHOD OF OBSERVATION

Please, indicate:

**1 - which method(s) of observation are not appropriate (-) and**

**2 – which method(s) of observation are probably most appropriate (+/++)**

MG: single measurement of a group of plants or parts of plants

MS: measurement of a number of individual plants or parts of plants

VG: visual assessment by a single observation of a group of plants or parts of plants

VS: visual assessment by observation of individual plants or parts of plants

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Exercise 1** | | | | | | | | |
| Background information | | | | | | | | |
| Crop: cross pollinated grass | | | | | | | | |
| Number of Growing Cycles:The minimum duration of tests should normally be two independent growing cycles. | | | | | | | | |
| Test Design: Each test should be designed to result in a total of at least 60 spaced plants which should be divided between at least 2 replicates. | | | | | | | | |
| Characteristic: **Plant: natural height at inflorescence emergence** | | | | | | | | |
|  | | | | | | | | |
| MG |  | MS |  | VG |  | VS |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Exercise 2** | | | | | | | | |
| Background information | | | | | | | | |
| Crop: vegetatively propagated ornamental variety | | | | | | | | |
| Number of Growing Cycles: The minimum duration of tests should normally be a single growing cycle. | | | | | | | | |
| Test Design: each test should be designed to result in a total of at least 10 plants. | | | | | | | | |
| Characteristic:  **Plant: height** | | | | | | | | |
|  | | | | | | | | |
| MG |  | MS |  | VG |  | VS |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Exercise 3** | | | | | | | | |
| Background information | | | | | | | | |
| Crop: vegetatively propagated ornamental variety | | | | | | | | |
| Number of Growing Cycles:The minimum duration of tests should normally be a single growing cycle. | | | | | | | | |
| Test Design: Each test should be designed to result in a total of at least 10 plants. . | | | | | | | | |
| Characteristic:  **Plant: type with states deciduous (1) – evergreen (2)** | | | | | | | | |
|  | | | | | | | | |
| MG |  | MS |  | VG |  | VS |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Exercise 4** | | | | | | | | |
| Background information | | | | | | | | |
| Crop: cross-pollinated varieties | | | | | | | | |
| Number of Growing Cycles: The minimum duration of tests should normally be two independent growing cycles | | | | | | | | |
| Test Design: Each test should be designed to result in a total of at least 60 plants, which should be divided between two or more replicates. | | | | | | | | |
| Characteristic: **Time of beginning of flowering** | | | | | | | | |
|  | | | | | | | | |
| MG |  | MS |  | VG |  | VS |  |  |