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 20 plants.
Characteristic: **Flower: perianth**: with states absent (1) – present (9)

MG ☐ MS ☐ VG ☐ VS ☐

Exercise 4

Background information
Crop: seed propagated agricultural crop (self-pollinated)
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 240 plants, which should be divided between two or more replicates.
Characteristic: **Panicle: length of main rachis**

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