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

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**

MG ☐   MS ☐   VG ☐   VS ☐