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

<u>Crop:</u> cross pollinated grass

<u>Number of Growing Cycles:</u> The minimum duration of tests should normally be two independent growing cycles.

<u>Test Design</u>: 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

MS

MS

N/I(-i	

VG		
vu		

VS

Exercise 2

Background information

Crop: vegetatively propagated ornamental variety

<u>Number of Growing Cycles:</u> 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	

VG	
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VS	

Exercise 3

Background information

Crop: vegetatively propagated ornamental variety

<u>Number of Growing Cycles:</u> The minimum duration of tests should normally be a single growing cycle.

	Each test should be designed to result in a total of at least 10 plants Plant: type with states deciduous (1) – evergreen (2)		
MG	MS	VG	VS

Exercise 4

Background information

Crop: cross-pollinated varieties

<u>Number of Growing Cycles:</u> The minimum duration of tests should normally be two independent growing cycles

<u>Test Design</u>: 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
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