TEST REPORT ON TESTING A SAMPLE OF SEEDS No.

Sample sender: ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sender identification of the sample: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wrapper/Package: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The sample of weight \_\_\_\_\_\_\_\_\_\_ g was delivered on (date): \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in intact/undamaged wrapper with an intact seal: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Woody species: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
|  |  |  |
| g | g | 100% |
| g | g | % |
| g | g | % |
| g | g | % |

Weight of working sample\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pure seeds (purity)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seeds of other forest woody species\_\_\_\_\_\_\_\_\_\_\_

Admixture\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| g | g | g | g | g | g | g | g |

Weight of 100 seeds

The seeds were swelling in the cold environment, in the moist sand from \_\_\_\_\_\_\_\_\_\_to\_\_\_\_\_\_\_\_\_\_.

Start of the germination test on (date): \_\_\_\_\_\_\_\_\_\_\_\_\_ End of the test on (date): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Weight of 1000 seeds calculation

|  |  |  |
| --- | --- | --- |
| Repetition number | x | x2 |
| 1 |   |   |
| 2 |   |   |
| 3 |   |   |
| 4 |   |   |
| 5 |   |   |
| 6 |   |   |
| 7 |   |   |
| 8 |   |   |
| n=8 | Σx =  | Σx2 =  |
|  | (Σx)2 = |  |

Average $x̄=\frac{Σx}{n}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Variance v$=\frac{n . \left(Σx^{2}\right)-(Σx)²}{n . (n-1)}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Standard deviation s$ = \sqrt{variance}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Variation coefficient (Vk) $=\frac{Standard deviation}{Average}$ . 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is the variation coefficient within the acceptable range, max. 4 %? YES/NO

Average weight of 100 seeds $\frac{(Σx)}{8}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ g

Weight of 1000 seeds = average weight of 100 seeds x 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ g

(rounded to one decimal place)