Ref no. 9098 (B)		
Seedkind: Eragrostis curvula (enhanced)		
Replicates	Mass	
1	0.0626	
2	0.0664	
3	0.656	
4	0.0653	
5	0.0635	
6	0.0652	
7	0.0637	
8	0.0654	
Calculate the following:	0.5177/8 = 0.0647	
Variance = $\underline{n(\hat{O}x^2) - (\hat{O}x)^2}$		
n(n-1)	0.000017	
x = weight of each replicate in gramsn = number of replicatesÓ = sum of		
Standard deviation (s) = variance	0.013	
Coefficient of variation = $\frac{s \times 100}{X}$	2.01	
X = mean weight of 100 seeds		

If the coefficient of variation does not exceed 6,0 for chaffy seeds, or 4,0 for other seeds the results of the determination can be calculated.

If the coefficient of variation exceeds whichever of these limits is appropriate, count and weigh a further eight (8) replicates.

Calculate the standard deviation for the sixteen replicates.

Discard any replicates which diverge from the mean by more than twice than standard deviation so calculated.

Final calculation:

	100 seeds =	0.0647 grams
Therefore:	2500 seeds =	1.6175 grams

Ref no. 9072E		
Seedkind: Chloris gayana (enhanced)		
Replicates	Mass	
1	0.1264	
2	0.1454	
3	0.1256	
4	0.1302	
5	0.1373	
6	0.1282	
7	0.1332	
8	0.1377	
Calculate the following:	1.064/8 = 0.1330	
Variance = $\underline{n(\hat{O}x^2) - (\hat{O}x)^2}$		
n(n-1)	0.00046	
x = weight of each replicate in grams n = number of replicates Ó= sum of		
Standard deviation (s) = variance	0.068	
Coefficient of variation = $\frac{s \times 100}{X}$	5.11	
X = mean weight of 100 seeds	and Cofee shaff conde on 4 Of an other	

If the coefficient of variation does not exceed 6,0 for chaffy seeds, or 4,0 for other seeds the results of the determination can be calculated.

If the coefficient of variation exceeds whichever of these limits is appropriate, count and weigh a further eight (8) replicates.

Calculate the standard deviation for the sixteen replicates.

Discard any replicates which diverge from the mean by more than twice than standard deviation so calculated.

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	100 seeds =	0.1330 grams	
Therefore:	2500 seeds =	grams	

Ref no. 8949 E		
Seedkind: Cynodon dactylon (enhanced)		
Replicates	Mass	
1	0.0661	
2	0.0625	
3	0.0614	
4	0.064	
5	0.0646	
6	0.0626	
7	0.0624	
8	0.0625	
Calculate the following:	0.5061/8 = 0.0632	
Variance = $\underline{n(\hat{O}x^2) - (\hat{O}x)^2}$		
n(n-1)	0.000023	
x = weight of each replicate in gramsn = number of replicatesÓ = sum of		
Standard deviation (s) = variance	0.0015	
Coefficient of variation = $\frac{s \times 100}{X}$	2.37	
X = mean weight of 100 seeds	and Cofee shaff conde on 4 Of an other	

If the coefficient of variation does not exceed 6,0 for chaffy seeds, or 4,0 for other seeds the results of the determination can be calculated.

If the coefficient of variation exceeds whichever of these limits is appropriate, count and weigh a further eight (8) replicates.

Calculate the standard deviation for the sixteen replicates.

Discard any replicates which diverge from the mean by more than twice than standard deviation so calculated.

Final calculation:

	100 seeds =	0.032 grams
Therefore:	2500 seeds =	1.5800 grams

Ref no. 9038 E		
Seedkind: Digitaria eriantha (enhanced)		
Replicates	Mass	
1	0.1076	
2	0.178	
3	0.1051	
4	0.1052	
5	0.1052	
6	0.1054	
7	0.1070	
8	0.1052	
Calculate the following:	0.8485/8 = 0.1061	
Variance = $\underline{n(\hat{O}x^2) - (\hat{O}x)^2}$		
n(n-1)	0.000014	
x = weight of each replicate in grams		
n = number of replicates Ó= sum of		
Standard deviation (s) = variance	0.0012	
Coefficient of variation = $\frac{s \times 100}{X}$	1.13	
X = mean weight of 100 seeds		

If the coefficient of variation does not exceed 6,0 for chaffy seeds, or 4,0 for other seeds the results of the determination can be calculated.

If the coefficient of variation exceeds whichever of these limits is appropriate, count and weigh a further eight (8) replicates.

Calculate the standard deviation for the sixteen replicates.

Discard any replicates which diverge from the mean by more than twice than standard deviation so calculated.

Final calculation:

	100 seeds =	0.1061 grams
Therefore:	2500 seeds =	2.6525 grams