

RST Quiz 21

Seventh Quarter

Name _____

Define the following:

1) Sclerotia

2) AASCO

3) Haploid

4) Integuments

5) Polar nuclei

6) Registered seed

7) Certified seed

8) Stratification

9) Prechill

10) Viviporous

11) Auxins

12) Coleoptile

13) Elite seed

w/jcf/rst21

4. Work the following problem: [AOSA Newsletter 34(3): 28. 1960]
Record weights of the components separated by the purity analyst.

Crested Wheatgrass

Single Florets:	2.820 grams
Multiple Units:	.590
Inert:	1.665
Crop:	.170
Weed:	.030
Total:	5.275

5. Give the procedure for determining the percentage of yellow blossom sweet clover in a sample of white blossom sweet clover (USDA Handbook 30, pages 75, 76, 77)
6. Describe the use of the fluorescence test on ryegrass (AOSA Rules and Newsletter Article).
7. Are there any perennial varieties which fluoresce over 20%? Are these exempt from fluorescence tests as to kind?
8. With the following figures, calculate the percentages of annual and perennial ryegrass. How should this be reported?

Labeled	Perennial Ryegrass	Perennial Ryegrass	Annual Ryegrass
% Pure Seed	99.19%	99.24%	99.44%
% Germination	96.50%	93.75%	97.75%
No. fluorescent seedlings	13	37	383
No. non-fluorescent seedlings	373	338	8