

- (4) By-Laws XIII -- Referee Regions - Region 1: Add the State of Alaska to this Region.

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AOSA Advisory Committee to NSTSL

L. E. Everson, Chairman

I received a letter from Barbara Schlei dated February 17 concerning reorganization. You knew from my September 19, 1977 letter that reorganization was anticipated. Barbara Schlei's letter of February 17 confirmed that the reorganization had been completed. She states as follows,

"The seed standardization program is now a separate branch with its own budget in the Livestock, Poultry, Grain, and Seed Division. John C. Pierce is serving as Director and Thomas H. Porter as Deputy Director of this Division. The various branches and groups within the Division with their respective branch chiefs are as follows:

- Grain Market News Branch - Russell B. Knister
- Livestock Market New Branch - Paul M. Fuller
- Livestock Standardization Branch - W. E. Tyler
- Marketing Programs Group - Ralph L. Tapp
- Plant Variety Protection Branch - Bernard M. Leese
- Poultry Market New Branch - Raymond S. Wruk
- Seed Standardization Branch - Dwight Lambert
- Seed Regulatory Branch - Clyde R. Edwards".

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Rules Committee

L. E. Wiesner

Proposals For Rules Changes

Additions to Tables 1 and 3. Please refer all questions or comments concerning these proposals to Loren Wiesner, Chairman.

1. Flat pea (Lathyrus sylvestris)

A. Proposed germination method - Table 3:

Kind of seed	Substrata	Temp C	First count days	Final count days	Additional directions
Lathyrus sylvestris Flatpea	T	15-25	14	28 ^a	Slow to germinate

B. Justification: The Germination Methodology Sub-committee has studied flatpea germination for two years. The first year 20C was found to be best for germination of flatpea compared with other constant temperatures. The second year 20C was compared with an alternating 15-25C. For this study five seed lots were germinated in rolled towels by four laboratories. The percentage germination at 15-25C was significantly greater than 20C. The percentage hard seed was less for 15-25C than at 20C.

2. Bluejoint (Calamagrostis canadensis)

A. Proposed purity amounts information - Table 1.

- 1) Minimum weight for purity analysis: 1/2 gram
- 2) Minimum weight for noxious weed examination: 5 gram
- 3) Number of seeds per gram 8461
- 4) Number of seeds per ounce 239,842

B. Proposed germination method - Table 3:

Kind of seed	Substrata	Temp C	First count days	Final count days	Additional	Directions
					specific requirements	Fresh and dormant seed
Calamagrostis canadensis Bluejoint	Tb,P	15-25	10	21	Light, KNO ₃ optional	Prechill at 5C for 5 days

C. Justification: The amount of seed necessary for purity testing was determined by counting out four replications of 2000 seed from four seed lots and weighed each replication. The range in 2000 seed weight was .2075 to .2749 grams, with an average of .2396 grams. Three separate studies were conducted to evaluate germination temperatures. Two trials were conducted on a thermogradient plate. The third study was conducted in a two-chamber germinator.

Four seed lots were evaluated, and based on the results of these three studies, an alternating 15-25C with light and prechill was selected as the optimum temperature for Bluejoint seed germination.

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*          DEADLINE - JULY 2, 1978          *
*          FOR RECEIVING MATERIAL FOR       *
*          AUGUST NEWSLETTER                *
*          MARK THIS DATE ON YOUR CALENDAR  *
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