

WEST VIRGINIA ADMINISTRATIVE REGULATIONS
STATE DEPARTMENT OF AGRICULTURE

Chapter 19-2
Series VIIIId
1965

Subject: FRUITS AND VEGETABLES
Standards for Multiplication Plot.- Seed Potatoes

Section 1 -GENERAL

1.01 Scope. These regulations establish general operating rules and procedures in the Fruits and Vegetables Division.

1.02 Authority. These regulations are issued under authority of Chapter 19, Code of West Virginia.

1.03 Effective Date. These regulations are promulgated April 22, 1946 and become effective May 10, 1946.

1.04 Filing Date. These regulations were filed in the Office of the Secretary of State on

1.05 Certification. These regulations are certified authentic by the Secretary of State by certification number

Section 2 -DEFINITIONS.

2.01 A Multiplication Plot is a field of potatoes planted in tuber units for the purpose of increasing a particularly desirable strain of potatoes or to produce seed suitable to be used as foundation stock for a field to be certified.

2.02 Application for inspection must be made as for certified seed.

2.03 Procedure. The requirements for certified seed must be met with the following additions:

(a) The field must be planted in tuber units or be planted from the progeny of a single tuber grown in a tuber unit in previous years and qualified as foundation stock each year. Tuber units consist of cutting each tuber into four or more pieces and planting them consecutively in a row, each unit of four or more pieces being separated by twice the distance separating each piece in the unit. Any tuber showing internal discoloration as a browning or blackening at the stem end, just under the skin or in the flesh of the potato, must be discarded.

(b) The field must be at least 400 feet from other potato fields showing more than 5% virus diseases.

(c) Ordinary certified seed may be used as stock the first year the applicant has requested inspection but thereafter must be planted with foundation stock, tuber indexed stock, or potatoes selected from a field certified or planted in tuber units the previous year. The grower should use the very best seed available for the multiplication unit.

(d) The percent of visible diseases should not exceed, at any inspection, the following specifications:

	1st %	2nd %	3rd %	Bin %
Leaf roll	1.00	0.50		
Mosaic	1.00	0.50		
Spindle tuber	1.00	0.50		
Total all virus diseases	2.00	1.00	0.20	0.50
Fusarium wilt*	1.00	0.50	0.50	0.50
Total all diseases	3.00	1.50	1.00	1.00
Giant hill	none			
Weak hills	1.00	none		
Varietal mixture	0.25	none		none
Purple top	0.50	0.50	0.50	
Ring rot	none			none
Stem end discoloration				2.00

*Fusarium solani var eumartii

(e) Whenever a plant is detected as being diseased all the companion plants of that unit must also be removed.

(f) The plot must be rogued five times:

- (1) Just prior to the first inspection
- (2) Immediately after the first inspection
- (3) One week after the first inspection
- (4) After the second inspection
- (5) After the third inspection

(g) Potatoes produced in multiplication plots may be sold as certified seed but, when so sold, all fees incidental to the production of certified seed must be paid.