



Standard Procedures:

Certified Seed Potato Pt. I



Subject Matter	Requirements												
<p>An application is submitted to begin production of potato seed for each planting.</p> <p>Certified Seed Potato Application Due: May 15th</p>	<p>Each application must:</p> <ul style="list-style-type: none"> -Be on a form obtained by the NDA <ul style="list-style-type: none"> -List all sources of the seed stock planted -Include documentation that verifies the eligibility of the seed stock planted -Include a map that shows field locations -Be received before May 15 of the year the seed stock is planted, with certification fees -To be eligible to produce certified seed potatoes, all plantings on a farm on which seed potatoes are planted must be entered into and maintained in the certification program 												
<p>An approved seed stock must be planted that is approved by the NDA.</p>	<p>All seed stock that is planted must abide by the following:</p> <ul style="list-style-type: none"> -Identification by a certification tag or documentation showing the generation of the seed stock -Be planted at least 20 feet from a non-certified source. -If certified by another agency, must follow protocol exhibited by the NDA 												
<p>The NDA will not certify seed that is produced from a generation 5 seed stock.</p>	<p style="text-align: center;">Classification of Generations:</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Seed Planted</th> <th>Class Produced</th> </tr> </thead> <tbody> <tr> <td>Nuclear</td> <td>Generation 1</td> </tr> <tr> <td>Generation 1</td> <td>Generation 2</td> </tr> <tr> <td>Generation 2</td> <td>Generation 3</td> </tr> <tr> <td>Generation 3</td> <td>Generation 4</td> </tr> <tr> <td>Generation 4</td> <td>Generation 5</td> </tr> </tbody> </table>	Seed Planted	Class Produced	Nuclear	Generation 1	Generation 1	Generation 2	Generation 2	Generation 3	Generation 3	Generation 4	Generation 4	Generation 5
Seed Planted	Class Produced												
Nuclear	Generation 1												
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<p>Pesticide applications must be declared and after each application the NDA must be notified.</p>	<p>Notifications must include the following information:</p> <ul style="list-style-type: none"> -Name of chemical used -Date of application 												



Standard Procedures:

Certified Seed Potato Pt. II



Subject Matter	Requirements
Planting Inspections	<ul style="list-style-type: none">-The NDA may inspect a planting at any time, making a point to inspect at least 2 times during the growing stage-Disqualification can occur if the following symptoms are present:<ul style="list-style-type: none">-Excessive weed growth-Disease-Unsatisfactory Weather conditions-Chemical damage-Another environmental condition-The NDA will abide by specific guidelines when addressing disease tolerances.<ul style="list-style-type: none">-These tolerances are listed out in NAC 587.428
Inspection of Seed Lot	<ul style="list-style-type: none">-After both field inspections, the NDA will inspect all seed lots that remain eligible for certification-To be eligible for certification, all seed lots must:<ul style="list-style-type: none">-Be stored in a facility that is available for inspection at any time-Be harvested, transported, graded and stored in a manner that will prevent inter-mixing of seed-Be identified throughout the period of storage-Be in a facility that is properly sanitized-Not be stored in a facility where uncertified field potatoes are stored-Not stored in a facility where disease-infested potatoes have been stored-Not be washed
Potato Seed Certification Fees	<ul style="list-style-type: none">-For each planting, the Department will charge and collect a certification fee of \$25.00/acres with a minimum charge of \$40.00/application<ul style="list-style-type: none">-If the seed stock is planted after May 15, payment should be received 5 days after planting has occurred



Standard Procedures:

Certified Seed Potato Pt. III



Subject Matter	Requirements														
<p>Postharvest Testing of Seed Lots</p>	<p>-The testing facility must conduct a postharvest test on each seed lot that passed field inspections</p> <p>-For each lot, the grower must submit samples to the facility</p> <p>-These samples must:</p> <ul style="list-style-type: none"> -Contain only single drop tubers of not more than 2 ounces -Be randomly selected so as to adequately represent the entire lot -Be submitted in bags weighing not more than 50 pounds each -For each lot, the grower must submit the following number of samples: <table border="1" data-bbox="885 945 1502 1228"> <thead> <tr> <th>Acres</th> <th>Number of Tubers</th> </tr> </thead> <tbody> <tr> <td>1 – 5</td> <td>220</td> </tr> <tr> <td>6 – 10</td> <td>440</td> </tr> <tr> <td>11 – 20</td> <td>660</td> </tr> <tr> <td>21 – 40</td> <td>880</td> </tr> <tr> <td>41 – 80</td> <td>1100</td> </tr> <tr> <td>81 or more</td> <td>Additional 330 tubers for each 30 acres in excess of 80 acres</td> </tr> </tbody> </table> <p><i>To be eligible for certification/recertification, a seed lot must not exceed the disease tolerances listed in NAC 587.438</i></p>	Acres	Number of Tubers	1 – 5	220	6 – 10	440	11 – 20	660	21 – 40	880	41 – 80	1100	81 or more	Additional 330 tubers for each 30 acres in excess of 80 acres
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<p>Seed Lot Certification Standards</p>	<p>-To be eligible for certification, each lot must satisfy:</p> <ul style="list-style-type: none"> -Current requirements for U.S. No. 1 seed potatoes, established by the USDA*; or -Contract grade requirements, including: <ul style="list-style-type: none"> -All grade conditions/requirements established via agreement between buyer/seller; -Not more than 1% each of late blight, soft rot, or wet breakdown; -Not more than 1% each of dirt and debris; and -No bacterial ring rot or root knot nematode, based on visible or external symptoms 														



Standard Procedures:

Certified Seed Potato Pt. IV



Subject Matter	Requirements
Certification Tags	<ul style="list-style-type: none"> -For each container of seed potato that meet all certification requirements, the NDA will issue one of the following tags: <ul style="list-style-type: none"> -A blue tag for certified seed potatoes which meet the requirements for the UDSA No. 1 grade -A yellow tag for certified seed potatoes which meet the requirements for contract grade seed -The NDA will attach a tag to each vehicle transporting bulk shipments of certified seed potato <ul style="list-style-type: none"> -This tag will contain an official seal and will be attached in a manner that the unloading mechanism cannot be operated without breaking the seal -New sacks must be used for all certified seed potato that is sacked

*US No. 1 consists of the following: Title 7 CFR §51.1541

-Similar varietal characteristics, except when designated as a mixed or specialty pack;

-Firm; fairly clean; 2 fairly well shaped; free from:

-Freezing; Blackheart; Late blight, southern bacterial wilt and ring rot; and, soft rot and wet breakdown.

-Free from damage by any other cause. See §§51.1564 and 51.1565. Size. Not less than 17/8 inches in diameter, unless otherwise specified in connection with the grade.

²Potatoes in containers bearing official State Seed Certification Tags and Seals are not required to be fairly clean but shall be free from damage by dirt.

Coordination with the Nevada Department of Agriculture must take place when certified potato seed is produced within the state of Nevada.

Contact the Nevada Department of Agriculture, Seed Program via the following:

NDA Seed Program
Russell Wilhelm
405 S. 21st St.
Sparks, NV 89431

rwilhelm@agri.nv.gov
(775) 353-3711

Thanks,

