

LIMITED GENERATION CERTIFIED SEED POTATOES

Field Planting Comparison Table¹

Adapted from table prepared by Potato Association of America
<http://www.umaine.edu/paa/Certification/ltdgencht2006.htm>

| YEAR IN THE FIELD | | | | | | | | |
|--------------------------|------------------|------|------|------|------|-------|-------|-------|
| Agency | 1 ² | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Alaska | G1 ³ | G2 | G3 | G4 | G5 | G6 | G7 | G8 |
| California | N | G1 | G2 | G3 | G4 | G5 | ..... | ..... |
| Colorado * | G1 | G2 | G3 | G4 | G5 | G6 | ..... | ..... |
| Idaho | N | G1 | G2 | G3 | G4 | G5 | G6 | ..... |
| Maine* | N1 | N2 | N3 | N4 | G1 | G2 | G3 | ..... |
| Michigan * | FY1 ⁶ | FY2 | FY3 | FY4 | FY5 | FY6 | ..... | ..... |
| Minnesota | N | G1 | G2 | G3 | G4 | G5 | C | ..... |
| Montana | N | G1 | G2 | G3 | G4 | ..... | ..... | ..... |
| Nebraska / Wy | N | G1 | G2 | G3 | G4 | G5 | ..... | ..... |
| Nevada | N | G1 | G2 | G3 | G4 | G5 | ..... | ..... |
| New York ⁴ * | N1 | N2 | G1 | G2 | G3 | G4 | G5 | G6 |
| North Dakota | N | G1 | G2 | G3 | G4 | G5 | C | ..... |
| Oregon | N | G1 | G2 | G3 | G4 | G5 | ..... | ..... |
| Utah | N(G1) | G2 | G3 | G4 | G5 | G6 | ..... | ..... |
| Washington | N | G1 | G2 | G3 | G4 | G5 | | |
| Wisconsin ⁵ * | E1 | E2 | G1 | G2 | G3 | G4 | C | |
| Canada | PE | E1 | E2 | E3 | E4 | F | C | |
| | (G1) | (G2) | (G3) | (G4) | (G5) | (G6) | (G7) | |

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* - Term used denotes year in field only, not class of seed, see [state regulations](#) for class terminology (summarized on next page). For states without a "*" seed can be downgraded if it does not meet tolerances, thus term noted indicates maximum number of years in the field only (may be less).

¹The purpose of this table is to express terms used by various certification agencies for seed potatoes harvested from a series of successive field plantings. This terminology does not necessarily indicate the class of the seed (i.e. disease tolerances and other requirements related to quality of the seed). States indicated by a "*" use a separate set of terms to denote class. For specific criteria relating to disease tolerances and other requirements, the reader is referred to the certification regulations of the agency in question.

²The first field planting utilizes laboratory-tested stocks, which may be tissue-cultured plantlets, greenhouse-produced minitubers, stem cuttings, or line selections. Contact agencies for details as to types of stocks planted in their programs.

³Term used by agency for seed potatoes for a particular year in the field: C=certified, E=elite, F=foundation, G=generation, N=nuclear, PE=pre-elite.

⁴If lots originate at Cornell-Uihlein Farm, the first three generations (G1-G3) are also designated by an AU@ to denote source.

⁵Lots NOT originating at the UW Lelah Starks Elite Foundation Seed Potato Farm are designated G_n where n = years in the field.

⁶FY = Field Year

Background Information of Class Systems Used by Different States

| State | Class System |
|--------------------------|--|
| Alaska | Class G1...G8 (yearly progression, tolerances vary with class) |
| California | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Colorado * | Class A, B, C, D (tolerances vary by item, i.e., mosaic limits are 0, 0.1, 0.6, 2.0% respectively) |
| Idaho | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Maine* | Foundation & Certified (max 0.55%, & 5% virus, respectively) |
| Michigan * | ?? (Directory notes FY1...FY5 as 'class' but tolerances not noted) |
| Minnesota | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Montana | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Nebraska / WY | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Nevada | ?? (= Idaho) |
| New York ⁴ * | Foundation & Certified (max 0.55% & 5% virus, respectively) |
| North Dakota * | Foundation/Certified however limits for disease in Foundation class vary with generation (i.e., mosaic tol 0.0, 0.1, 0.2, 0.3 for N, G1, G2, G3 resp.) Certified class same tol. for all generations. |
| Oregon | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Utah | Class G1...G6 (yearly progression, tolerances vary with class) |
| Washington | Class N, G1...G5 (yearly progression, tolerances vary with class) |
| Wisconsin ⁵ * | Foundation & Certified (max 0.25%, 1.0% mosaic, respectively, other disease & defects differing tolerances for F & C) |
| | |
| Canada | Class PE, E1...E5 (yearly progression, tolerances vary with class) |

* - States that use a separate terminology to denote seed class and generation.