



CERTIFICATION STANDARDS
SUGAR BEET
(Beta vulgaris)
 Revised February 10, 1993

Certification Standards: The general standards for seed certification found in the Oregon Seed Certification Service Handbook (OSCS) are basic to all crops, and together with the following specific regulations constitute the certified Sugar Beet standards.

Varieties Certified: Varieties and classes eligible for planting may be found in the OSCS Handbook.

Seed Planted: Seed planted must be Breeder or Foundation seed. There is no Registered class. Certified class of seed will be tagged but cannot be planted for further certification.

Field History: Land must not have grown or been seeded with any *Beta vulgaris L.* during the previous 60 months (from harvest to new planting) to be eligible to produce any class of certified seed. Sugar beets must be planted in distinct rows. Exceptions must be approved by the Seed Certification Office prior to planting.

Field Inspection: Field inspection will include a seedling inspection and a seed crop inspection. The seedling application must be submitted within 60 days of planting and a seed crop application must be submitted by April 15 the year seed is produced. The field shall be in such a condition that genetic purity can be determined.

Field Standards:

| | Stock Seed | Certified |
|--|------------|-----------|
| Maximum other types or varieties permitted | 0.0% | 0.5% |

Isolation¹:

| Varieties using the same pollinator | Distance suitable for separate harvest | |
|---|--|---------|
| | 5000 ft | 3200 ft |
| From sugar beet pollen source of different or unknown ploidy | 5000 ft | 3200 ft |
| From sugar beet pollen source of similar ploidy or between fields where male sterility is not used | 3200 ft | 2600 ft |
| From other pollinator or genus Beta that is not a sugar beet (including fodder beet, red beet, swiss chard) | 10200 ft | 8000 ft |
| Where pollinator source is monogerm, 5000 ft are required from other multigerm pollinator sources | | |

Seed Standards: (Minimum Sample Size – 1 Pound)

| Factor | Stock Seed ² | Certified |
|----------------------------------|-------------------------|-----------|
| Pure seed, minimum | 97.00% | 99.00% |
| Other crops, maximum | 0.00% | 0.10% |
| Inert matter, maximum | 1.00% | 1.00% |
| Weed seed ³ , maximum | 0.10% | 0.10% |
| Germination, minimum | 40% | 85% |

¹ Isolation distances less than listed must be approved through an appeal review process including seed certification and industry involvement.

² Where seed quality standards for seed stock fall below published standards, seed lots can be tagged sub-standard upon request of maintainer, if genetic standards are met and seed lot is free of noxious weed seeds.

³ Weed seed: None of the prohibited weeds listed in Section V, General Standards in the OSCS Handbook, nor any Bedstraw or St. Johnswort.