



Minimum Quality Specifications:
SOPHIA SEEDLESS® grapes
c.v. Sugraeighteen

- SCOPE** These specifications apply to fresh Sugraeighteen variety table grapes marketed by Sun World International, LLC, and its licensees under the SOPHIA SEEDLESS® brand. The purpose of these specifications is to define the *minimum* requirements and tolerances for this cultivar. Sun World may amend these specifications to meet governmental and/or market requirements.
- GENERAL DESCRIPTION** Sugraeighteen grapes are large, round, firm and sweet with a pronounced muscat aroma. Their green berries ripen mid-season and feature a crisp texture with relatively thin skin.
- LABEL** The label must clearly identify the variety with the Sugraeighteen name and include the SOPHIA SEEDLESS® brand. See below for a sample label.
- APPLICATION** These minimum specifications apply to packed table grapes at shipping point.
- QUALITY STANDARDS** Sugraeighteen grapes shall meet or exceed European Union (“EU”) Class 1, United States Department of Agriculture (“USDA”) No. 1 Table, standards or the highest standards established for fresh table grapes in the market where the grapes are to be sold to consumers.
EU Table Grape Standards can be found at: [EU Table Grape Standards](#)
USDA Table Grape Standards can be found at: [USDA Table Grape Standards](#)
However, since it is Sun World's intent for all SOPHIA SEEDLESS production to achieve a higher quality standard than governmental standards, these Sun World Quality Specifications shall apply:
- BUNCHES** Medium symmetrical and well-filled bunches with a minimum size of 250 grams (0.5 lbs).
- BERRIES** Large size, round berries; 75% of the berries in each bunch must be a minimum 20.5 millimeters (13/16 inch) in diameter.
- COLOR** Berries are green with some slight amber late in season.
- TEXTURE** Berries have a medium-thick skin, with a crisp firm texture.
- FLAVOR** Crisp and sweet with a pronounced Muscat aroma and flavor.
- MATURITY** Minimum soluble solids of 16% or a minimum sugar-acid ratio of 20:1. Sugar level requirements for some markets may vary but optimal flavor is achieved with sugar levels of at least 18%.

CARTONS

Sugraeighteen grapes must be packed in standard industry cartons. Table grapes must not be packed in cartons which are damaged or which have illegible, indistinct or incorrect graphics or inaccurate labeling. All cartons must be well-sealed and correctly labeled with the following information:

**“SOPHIA SEEDLESS® (cv. Sugraeighteen) brand table grapes
Grown, distributed and sold under license from
Sun World International, LLC”**

**SOPHIA SEEDLESS® is a trademark of Sun World
International, LLC and unauthorized use is an infringement of
the trademark rights. SOPHIA SEEDLESS® brand cv.
Sugraeighteen grapevines are the exclusive personal property
and trade secrets of Sun World International, LLC in all
countries. Plant Patent/Plant Variety Protection exists in
certain countries. Asexual reproduction is strictly prohibited.**