



## Minimum Quality Specifications:

### **BLACK DIAMOND®** plums

### **cv: Suplumeleven**

#### **SCOPE**

These specifications apply to fresh Suplumeleven cultivar plums marketed by Sun World International, LLC and its licensees under the BLACK DIAMOND® 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.

#### **DESCRIPTION**

BLACK DIAMOND plums are large and firm with black skin and pink-to-red flesh and have been developed to have juiciness and mildly-sweet flavor that is superior to other plums of the season.

#### **LABEL**

The label must clearly identify the variety with the Suplumeleven name and include the BLACK DIAMOND® brand. See below for a sample label.

#### **APPLICATION**

These minimum specifications apply to packed plums at shipping point.

#### **STANDARDS**

BLACK DIAMOND plums shall meet or exceed European Union ("EU") Class 1, United States Department of Agriculture ("USDA") No. 1 standards, or the highest standards established for fresh plums in the market where the plums are to be sold to consumers. EU Marketing Standards for Plums can be found at: [EU Plum Standards](#). USDA Marketing Standards for Plums can be found at: [USDA Plum Standards](#).

However, since it is Sun World's intent for all BLACK DIAMOND production to achieve a higher quality standard than governmental standards, the following Sun World harvest, packaging and post harvest protocols shall apply:

#### **MATURITY**

##### **PRESSURE:**

BLACK DIAMOND plums shall be firm but shall have spring enough to yield to gentle pressure. BLACK DIAMOND plums shall not be picked at more than 7 Kg of pressure (using an 11mm penetrometer) or more than 8 lbs of pressure (using a 8mm penetrometer). BLACK DIAMOND plums should not be picked at less than 6.5 Kg of pressure (using an 11mm penetrometer) or less than 6 lbs of pressure (using a 8mm penetrometer). Higher pressures are recommended if fruit is to be in transit for over 15 days.

##### **COLOR:**

###### **For fruit destined to markets within 7 days of harvest:**

At harvest, the interior and exterior color of BLACK DIAMOND plums should be equal to or darker than the photos designated as 'acceptable' or 'ideal' in the accompanying BLACK DIAMOND maturity chart.

###### **For fruit designated for markets more than 7 days after harvest:**

Flesh color should show at least a trace of red in the internal flesh, and the external skin color should be light red.

- SUGAR:** Sugar requirements for some markets may vary but optimal flavor is achieved with sugar levels of 16<sup>0</sup> brix and higher. Minimum brix shall be 12<sup>0</sup>.
- SIZE** For fruit sent to the E.U., the minimum size for BLACK DIAMOND plums is E.U. size "B" (45-50mm diameter when measured from the center of the plum, perpendicular to the suture).
- For fruit sent to the U.S., the minimum size is size "60" as determined by the California Plum Marketing Board (2004) or not less than 55mm in diameter (equivalent to E.U. size AA). California size "60" signifies that a maximum of 60 pieces of fruit would constitute a 10-pound sample. For further information on plum sizes, see page 18 of the California Plum Marketing Board 2004 Bulletin at the attached link: [California Plum Sizes](#).
- SHAPE** BLACK DIAMOND plums shall be uniformly round with smooth skin.
- CARTONS** BLACK DIAMOND plums must be packed in standard industry cartons. Plums 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 marked as to size.



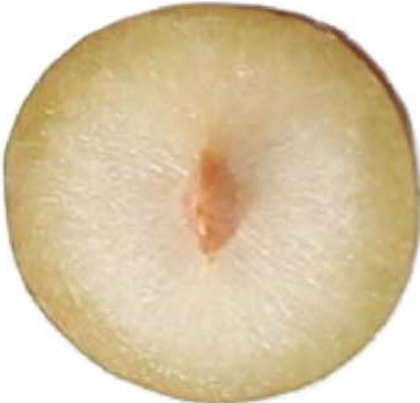






**SAMPLE BLACK DIAMOND LABEL FOR SUPLUMELEVEN PLUMS**

**"BLACK DIAMOND<sup>®</sup> (cv. Suplumeleven) brand plums,  
grown, distributed, and sold under license from  
Sun World International, LLC"**

**BLACK DIAMOND<sup>®</sup> is a trademark of Sun World International, LLC and  
unauthorized use is an infringement of the trademark rights.**

**BLACK DIAMOND<sup>®</sup> brand plums (cv. Suplumeleven) plants 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 of the protected plant without license is  
prohibited.**

# BLACK DIAMOND<sup>®</sup> Maturity Chart

	Immature 	
	Acceptable 	
	Ideal 	

Notice: Sun World proprietary variety. Propagation materials are only available under license to qualified organizations.  
Variety performance will vary depending on region and cultural practices

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