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**U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE AND TECHNOLOGY  
PLANT VARIETY PROTECTION OFFICE**

**Exhibit C**

**OBJECTIVE DESCRIPTION OF VARIETY  
Peach (Prunus spp.)**

<b>NAME OF APPLICANT (S)</b>	<b>TEMPORARY OR EXPERIMENTAL DESIGNATION</b>	<b>VARIETY NAME</b>
<b>ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)</b>		<b>FOR OFFICIAL USE ONLY</b>
		<b>PVPO NUMBER</b>

Please describe the variety per se. If the variety is a rootstock, allow the plant to produce leaves, flowers, and fruits in order to collect the descriptive information. If the variety is a scion, graft it and the most similar comparison variety onto the same rootstock or allow both varieties to self root. Explain codes of "other" or "variable" in the Comments section. In the spaces on the left, enter the appropriate numbers that describe the characteristics of the application variety. On the right, enter the appropriate numbers that describe the characteristics of the most similar comparison variety. Right justify whole numbers by adding leading zeros if necessary. The variety that you choose for comparison should be the most similar one in terms of overall morphology, background and maturity. The comparison variety should be grown in field trials with the application variety for 2-3 location/years (environments) in the region and season of best adaptability. In general, measurements of quantitative traits should be taken from one trial on 15-25 randomly selected plants or plant parts to obtain averages and statistics that describe a typical field of the variety.

<p><b>GENERAL VARIETY INFORMATION</b></p> <p>— <b>(IBPGR) End Use, general :</b>          1=Fruit use      2=Plant use      3=Both</p> <p>— <b>(IBPGR) Fruit Use :</b>          1=Scion cultivar - dessert          2=Scion cultivar - processing including distilling          3=Dual or multipurpose consumption          4=Other (specify in NOTES section or Exhibit D)</p> <p>— <b>(IBPGR) Plant Use :</b>          1=Clonal rootstock                      2=Clonal interstock          3=Seedling rootstock                    4=Ornamental/pollinator          5=Dual or multipurpose use                6=Botanical (wild) species          7=Other (specify in NOTES section or Exhibit D)</p>	<p>Name of Comparison Variety _____</p> <p>___ End Use, general</p> <p>___ Fruit Use</p> <p>___ Plant Use</p>																					
<p><b>PLANT MATURITY</b></p> <table style="width:100%;"> <tr> <td style="width:15%;"><b>Days</b></td> <td style="width:15%;"><b>Heat Units</b></td> <td style="width:70%;"></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><b>From Planting to First Flowering</b></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><b>From January 1<sup>st</sup> to Leaf Bud Burst</b></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><b>From Leaf Bud Burst to First Flowering</b></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><b>From First Flower to Last Flower</b></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><b>From Flowering to Immature Fruit</b></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><b>From Immature Fruit to Ripe Fruit</b></td> </tr> </table> <p>— <b>Season of Leaf Bud Burst :</b>          1=Extremely early    2=Very early      3=Early          4=Early/intermediate    5=Intermediate    6=Intermediate/late          7=Late                    8=Very late      9=Extremely late</p> <p>— <b>(IBPGR) Season of Flowering, date of beginning of flowering :</b>          1=Extremely early    2=Very early      3=Early          4=Early/intermediate    5=Intermediate    6=Intermediate/late          7=Late                    8=Very late      9=Extremely late</p> <p>— <b>(IBPGR) Harvest Maturity, season of maturity for picking :</b>          1=Extremely early    2=Very early      3=Early          4=Early/intermediate    5=Intermediate    6=Intermediate/late          7=Late                    8=Very late      9=Extremely late</p>	<b>Days</b>	<b>Heat Units</b>		_____	_____	<b>From Planting to First Flowering</b>	_____	_____	<b>From January 1<sup>st</sup> to Leaf Bud Burst</b>	_____	_____	<b>From Leaf Bud Burst to First Flowering</b>	_____	_____	<b>From First Flower to Last Flower</b>	_____	_____	<b>From Flowering to Immature Fruit</b>	_____	_____	<b>From Immature Fruit to Ripe Fruit</b>	<p>Days      Heat Units</p> <p>_____      _____ From Planting to First Flowering</p> <p>_____      _____ From January 1<sup>st</sup> to Leaf Bud Burst</p> <p>_____      _____ From Leaf Bud Burst to First Flowering</p> <p>_____      _____ From First Flower to Last Flower</p> <p>_____      _____ From Flowering to Immature Fruit</p> <p>_____      _____ From Immature Fruit to Ripe Fruit</p> <p>___ Season of Leaf Bud Burst</p> <p>___ Season of Flowering</p> <p>___ Harvest Maturity</p>
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<b>Application Variety Data</b>	<b>Most Similar Comparison Variety Data</b>																					

Application Variety Data	Most Similar Comparison Variety Data
<p><b>VEGETATIVE DESCRIPTORS</b></p> <p>_____ cm <b>Plant Height</b>, 10 years after field planting</p> <p>_____ cm <b>Plant Width</b>, 10 years after field planting</p> <p>_____ cm<sup>2</sup> <b>Trunk Cross Sectional Area</b>, 10 years after field planting</p> <p>_____ <b>Number of Lenticels</b> per cm<sup>2</sup> on main trunk</p> <p>___ <b>(IBPGR) Tree habit of branches</b>, natural habit of an untrained, non-juvenile tree :            1=Extremely upright    2=Very upright    3=Upright            4=Upright-spreading    5=Spreading    6=Spreading-drooping            7=Drooping    8=Very Drooping    9=Weeping</p> <p>___ <b>(IBPGR) Tree Vigor</b>, based on height and spread measurements of adult trees on their own roots, or relative to reference cultivars on the same rootstock (use reference cultivars or species on a common rootstock for each site) :            1=Very Poor    2=Poor-weak    3=Weak            4=Weak-intermediate    5=Intermediate    6=Intermediate-strong            7=Strong    8=Very strong    9=Extremely strong</p> <p>___ <b>(IBPGR) Tree chilling requirement</b>; additional information concerning the method used to measure this character must be recorded in the NOTES section or in Exhibit D :            1=Extremely low    2=Very low    3=Low            4=Low-medium    5=Medium    6=Medium-high            7=High    8=Very high    9=Extremely high</p> <p>Number of hours of chilling required _____</p> <p>Chilling temperature required _____ Celsius</p> <p><b>Tree Bark Color :</b></p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p> <p><b>One year old Wood Color</b>, shade side :</p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p> <p><b>One year old Wood Color</b>, sun side :</p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p> <p><b>Lenticel Color :</b></p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p>	<p>_____ cm Plant Height</p> <p>_____ cm Plant Width</p> <p>_____ cm<sup>2</sup> Trunk Cross Sectional Area</p> <p>_____ Number of Lenticels per cm<sup>2</sup> on main trunk</p> <p>___ Tree habit of branches</p> <p>___ Tree Vigor</p> <p>___ Tree chilling requirement</p> <p>Number of hours of chilling required _____</p> <p>Chilling temperature required _____ Celsius</p> <p>Tree Bark Color</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p> <p>One year old Wood Color, shade side</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p> <p>One year old Wood Color, sun side</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p> <p>Lenticel Color</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p>
<p><b>ROOTSTOCK DESCRIPTORS</b> - Complete this section if the variety will be used as rootstock.</p> <p>___ <b>(IBPGR) Dwarfing</b>, direct growth controlling effect of the rootstock on cultivars :            1=Extremely invigorating    2=Very invigorating    3=Invigorating            4=Fairly invigorating    5=Intermediate    6=Semi-dwarfing            7=Dwarfing    8=Very Dwarfing    9=Extremely Dwarfing</p> <p>___ <b>(IBPGR) Yield Efficiency</b>, a high yield efficiency is defined as the induction in the scion of a high yield of fruit relative to the cross sectional area of the trunk :            1=Extremely Poor    2=Very Poor    3=Poor            4=Poor-Intermediate    5=Intermediate    6=Intermediate-Good            7=Good    8=Very Good    9=Extremely Good</p>	<p>___ Dwarfing</p> <p>___ Yield Efficiency</p>
Application Variety Data	Most Similar Comparison Variety Data

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<p><b>FLOWERING SHOOT</b></p> <p>_____ cm    <b>Yearly Growth of Shoots</b> on 10-year old tree</p> <p>_____ mm    <b>Stem Diameter</b>, current season shoots 2.5 cm from the base on 10 year old tree, at the end of the season</p> <p>_____ cm    <b>Stem Internode Length</b> from first branch node to second branch node</p> <p>___    <b>Length of Stipule</b>, young shoot, fully expanded leaf :            1=Extremely Short    2=Very Short    3=Short            4=Short-Medium    5=Medium    6=Medium-Long            7=Long    8=Very Long    9=Extremely Long</p> <p>___    <b>Stem Anthocyanin Coloration</b>, side away from sun :            0=Absent 1=Extremely Weak    2=Very Weak    3=Weak            4=Weak-Medium    5=Medium    6=Medium-Strong            7=Strong    8=Very Strong    9=Extremely Strong</p>	<p>_____ cm    Yearly Growth of Shoots</p> <p>_____ mm    Stem Circumference</p> <p>_____ cm    Stem Length</p> <p>___    Length of Stipule</p> <p>___    Stem Anthocyanin Coloration</p>
<p><b>LEAF (mature leaf at first flowering)</b></p> <p>_____ mm    <b>Vegetative Bud Length</b></p> <p>_____ mm    <b>Leaf Length</b></p> <p>_____ mm    <b>Leaf Width</b></p> <p>_____ mm    <b>Leaf Blade Thickness</b></p> <p>_____ mm    <b>Petiole Length</b></p> <p>_____ mm    <b>Petiole Thickness</b></p> <p>___    <b>Number of Glands per Leaf Blade</b></p> <p>_____ mm    <b>Gland Length on Leaf Blade</b></p> <p>_____ mm    <b>Gland Width on Leaf Blade</b></p> <p>___    <b>Predominant Number of Nectaries (Glands) on the Petiole</b></p> <p>_____ mm    <b>Gland Length on Petiole</b></p> <p>_____ mm    <b>Gland Width on Petiole</b></p> <p>___    <b>Leaf Overall Shape :</b>            1=Elliptical    2=Lanceolate    3=Oblanceolate 4=Oblong            5=Obovate    6=Oval    7=Ovate</p> <p>___    <b>Leaf Blade Shape</b>, in cross section :            1=Concave    2=Flat    3=Convex</p> <p>___    <b>Leaf Margin :</b>            1=Crenate    2=Dentate    3=Entire    4=Serrate 5=Serrulate</p> <p>___    <b>Leaf Apex Shape :</b>            1=Rounded    2=Obtuse    3=Emarginate    4=Acute            5=Acuminate</p> <p>___    <b>Leaf Blade Angle (Recurvature) at Apex :</b>            0=Absent    1=Extremely Small    2=Very Small    3=Small            4=Small-Medium    5=Medium    6=Medium-Large            7=Large    8=Very Large    9=Extremely Large</p> <p>___    <b>Leaf Base Shape :</b>            1=Cordate    2=Cuneate    3=Rounded    4=Sagittate    5=Truncate</p> <p>___    <b>Leaf Blade Angle at Base :</b> 1=Acute    2=About Right Angle 3=Obtuse</p>	<p>_____ mm    Vegetative Bud Length</p> <p>_____ mm    Leaf Length</p> <p>_____ mm    Leaf Width</p> <p>_____ mm    Leaf Blade Thickness</p> <p>_____ mm    Petiole Length</p> <p>_____ mm    Petiole Thickness</p> <p>___    Number of Glands per Leaf</p> <p>_____ mm    Gland Length on Leaf Blade</p> <p>_____ mm    Gland Width on Leaf Blade</p> <p>___    Predominant Number of Nectaries (Glands) on the Petiole</p> <p>_____ mm    Gland Length on Petiole</p> <p>_____ mm    Gland Width on Petiole</p> <p>___    Leaf Overall Shape</p> <p>___    Leaf Blade Shape</p> <p>___    Leaf Margin</p> <p>___    Leaf Apex Shape</p> <p>___    Leaf Blade Angle (Recurvature) at Apex</p> <p>___    Leaf Base Shape</p> <p>___    Leaf Blade Angle at Base</p>
Application Variety Data	Most Similar Comparison Variety Data

Application Variety Data	Most Similar Comparison Variety Data
<p>Leaf (continued)</p> <p><b>(IBPGR) Leaf Color</b>, adaxial (upper) surface :</p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p> <p><b>(IBPGR) Leaf Color</b>, abaxial (lower) surface :</p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p> <p>___ <b>(IBPGR) Petiole Gland Shape (Nectaries) :</b>            1=Absent            2=Globose (Round)   3=Reniform</p>	<p>(IBPGR) Leaf Color, Adaxial</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p> <p>(IBPGR) Leaf Color, Abaxial</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p> <p>___ (IBPGR) Petiole Gland Shape (Nectaries)</p>
<p><b>FEMALE FLOWERS</b> (at peak flower maturity)</p> <p>___ mm <b>Flower Bud Length</b></p> <p>___ <b>Number of Flower Buds per 10 cm Stem Length</b></p> <p>___ <b>Number of Flower Buds per Node</b></p> <p>___ <b>Number of Petals per Floret</b></p> <p>___ mm <b>Peduncle Length</b></p> <p>___ mm <b>Flower Diameter</b></p> <p>___ mm <b>Flower Thickness (height)</b></p> <p>___ mm <b>Petal Length</b></p> <p>___ mm <b>Petal Width</b></p> <p>___ <b>(IBPGR) Flower Size :</b>            1=Extremely small   2=Very small            3=Small            4=Small-Intermediate 5=Intermediate       6=Intermediate-Large            7=Large                8=Very Large            9=Extremely large</p> <p>___ <b>(IBPGR) Flower type (shape) :</b>            1=Rosaceous   2=Campanulate   3=Other (describe) _____</p> <p>___ <b>(IBPGR) Flower type (showiness) :</b>   1=Non-showy   2=Showy</p> <p>___ <b>Petal Shape :</b>            1=Narrow Elliptic   2=Broad Elliptic   3=Round</p> <p>___ <b>Stamen Position</b>, compared to petals :            1=Below   2=Same Level   3=Above</p> <p>___ <b>Stigma Position</b>, compared to anthers :            1=Below   2=Same Level   3=Above</p> <p>___ <b>(IBPGR) Anthers/Pollen :</b>            1=Absent                9=Present</p> <p>___ <b>Ovary Pubescence :</b> 1=Absent                9=Present</p> <p><b>Calyx Color</b>, inner side of opened flower before petals fall :</p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p> <p><b>Flower Color</b>, predominant color on inner side :</p> <p>Verbal Color Name _____</p> <p>Color Chart Name _____ Color Chart Value _____</p>	<p>___ mm Flower Bud Length</p> <p>___ Number of Flower Buds per 10 cm Stem Length</p> <p>___ Number of Flower Buds per Node</p> <p>___ Number of Petals per Floret</p> <p>___ mm Peduncle Length</p> <p>___ mm Flower Diameter</p> <p>___ mm Flower Thickness (height)</p> <p>___ mm Petal Length</p> <p>___ mm Petal Width</p> <p>___ Flower Size</p> <p>___ Flower type (shape)</p> <p>___ Flower type (showiness)</p> <p>___ Petal Shape :</p> <p>___ Stamen Position</p> <p>___ Stigma Position</p> <p>___ Anthers/Pollen</p> <p>___ Ovary Pubescence</p> <p>Calyx Color</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p> <p>Flower Color</p> <p>Verbal Color Name _____</p> <p>Name _____ Value _____</p>
Application Variety Data	Most Similar Comparison Variety Data

Application Variety Data	Most Similar Comparison Variety Data
<p><b>MATURE FRUIT</b></p> <p>_____ <b>Number fruits per tree</b></p> <p>_____ gm <b>Fruit Weight</b></p> <p>_____ mm <b>Fruit Length</b></p> <p>_____ mm <b>Fruit Width</b></p> <p>_____ mm <b>Fruit Thickness (Diameter)</b></p> <p>_____ mm <b>Flesh Thickness (from skin to seed)</b></p> <p>_____ kg <b>Total Weight of Fruits per Tree</b></p> <p>_____ g/cm<sup>2</sup> <b>Ratio of the Total Fruit Weight to Trunk Cross-Sectional Area (TCSA)</b></p> <p>_____ mm <b>Stalk Length</b></p> <p>_____ mm <b>Depth of Stalk Cavity</b></p> <p>_____ mm <b>Width of Stalk Cavity</b></p> <p>___ <b>(IBPGR) Skin Pubescence :</b>            0=Absent      1=Extremely Low      2=Very Low      3=Low            4=Low-intermediate      5=Intermediate      6=Intermediate-High            7=High      8=Very High      9=Extremely High</p> <p>___ <b>(IBPGR) Fruit Size, average weight of fruits :</b>            1=Extremely Small      2=Very Small      3=Small            4=Small-Medium      5=Medium      6=Medium-Large            7=Large      8=Very Large      9=Extremely Large</p> <p>___ <b>(IBPGR) Fruit Shape (in profile view) :</b>            1=Very Flat      2=Slightly Flat      3=Rounded            4=Ovate      5=Oblong      6=Elongated</p> <p>___ <b>Shape of Pistil End :</b>            1=Prominently Pointed      2=Weakly Pointed      3=Flat            4=Weakly Depressed      5=Strongly Depressed</p> <p>___ <b>Fruit Symmetry, viewed from pistil end :</b>            1=Asymmetrical      2=Symmetrical</p> <p>___ <b>Prominence of Suture :</b>            3=Weak      5=Medium      7=Strong</p> <p><b>(IBPGR) Ground Color of the skin of fully mature fruit :</b>            Verbal Color Name _____            Color Chart Name _____ Color Chart Value _____</p> <p>___ <b>Red Over Color :</b>      1=Absent      2=Present</p> <p><b>(IBPGR) Red over color (Blush); over color of the skin of fully mature fruit :</b>            Verbal Color Name _____            Color Chart Name _____ Color Chart Value _____</p> <p>___ <b>Pattern of Red Over Color :</b>            1=Solid Flush      2=Striped      3=Mottled      4=Marbled</p> <p>___ % <b>of Surface Covered by Red Over Color</b></p>	<p>_____ Number of Fruits per Tree</p> <p>_____ gm Fruit Weight</p> <p>_____ mm Fruit Length</p> <p>_____ mm Fruit Width</p> <p>_____ mm Fruit Thickness (Diameter)</p> <p>_____ mm Flesh Thickness (from skin to seed)</p> <p>_____ kg Total Weight of Fruits per Tree</p> <p>_____ g/cm<sup>2</sup> Ratio of the Total Fruit Weight to TCSA</p> <p>_____ mm Stalk Length</p> <p>_____ mm Depth of Stalk Cavity</p> <p>_____ mm Width of Stalk Cavity</p> <p>___ Skin Pubescence</p> <p>___ Fruit Size, average weight of fruits</p> <p>___ Fruit Shape (in profile view)</p> <p>___ Shape of Pistil End</p> <p>___ Fruit Symmetry</p> <p>___ Prominence of Suture</p> <p>Ground Color of the skin of fully mature fruit            Verbal Color Name _____            Name _____ Value _____</p> <p>___ Red Over Color</p> <p>Red over color (Blush)            Verbal Color Name _____            Name _____ Value _____</p> <p>___ Pattern of Red Over Color</p> <p>___ % of Surface Covered by Red Over Color</p>
Application Variety Data	Most Similar Comparison Variety Data



Application Variety Data	Most Similar Comparison Variety Data
<p><b>PIT (continued)</b></p> <p>___ <b>(IBPGR) Stone Shape</b> (in profile view) :            1=Flat                    2=Rounded                    3=Ovoid            4=Elongated                5=Very Elongated</p> <p><b>Stone Color :</b>            Verbal Color Name _____            Color Chart Name _____ Color Chart Value _____</p> <p>___ <b>Relief of Surface :</b>            1=Small Pits                2=Large Pits                3=Grooves                4=Pits and Grooves</p> <p>___ <b>(IBPGR) Stone Adherence to Flesh of Fully Ripe Fruit :</b>            1=Freestone                2=Semi-freestone                3=Clingstone</p> <p>___ <b>(IBPGR) Split Stone;</b> percentage of ripe fruit with split stones :            0=Absent                    1=Extremely Low                2=Very Low                    3=Low            4=Low-Medium                5=Medium                    6=Medium-High            7=High                        8=Very High                    9=Extremely High</p>	<p>___ Shape (in profile view)</p> <p>Stone Color            Verbal Color Name _____            Name _____ Value _____</p> <p>___ Relief of Surface</p> <p>___ Stone Adherence to Flesh of Fully Ripe Fruit</p> <p>___ Split Stone: percentage of ripe fruit with split stones</p>
<p><b>SEED</b></p> <p>___ gm     <b>Seed Weight</b></p> <p>___ mm     <b>Seed Length</b></p> <p>___ mm     <b>Seed Width</b></p> <p>___ mm     <b>Seed Thickness</b></p>	<p>___ gm     Seed Weight</p> <p>___ mm     Seed Length</p> <p>___ mm     Seed Width</p> <p>___ mm     Seed Thickness</p>
<p><b>ENVIRONMENTAL STRESS SUSCEPTIBILITY :</b> Rate the variety's reaction to the following stresses using the following scale:</p>	
<p>1=Extremely low susceptibility (hardy)    2=Very low susceptibility                3=Low Susceptibility                4=Low-moderate susceptibility    5=Moderate susceptibility            6=Moderate-high susceptibility                7=High susceptibility                8=Very high susceptibility                9=Extremely high susceptibility (tender)</p>	
<p>___ <b>(IBPGR) Low temperature</b> - winter (on dormant flower buds)</p> <p>___ <b>(IBPGR) Low temperature</b> - spring (on open blossoms to spring frost)</p> <p>___ <b>(IBPGR) High temperature</b></p> <p>___ <b>(IBPGR) Drought</b></p> <p>___ <b>(IBPGR) High soil moisture</b></p> <p>___ <b>(IBPGR) Chlorosis</b> induced by high lime content of the soil</p>	<p>___ Low temperature - winter (on dormant flower buds)</p> <p>___ Low temperature - spring (on open blossoms to spring frost)</p> <p>___ High temperature</p> <p>___ Drought</p> <p>___ High soil moisture</p> <p>___ Chlorosis induced by high lime content of the soil</p>
<p><b>PEST AND DISEASE SUSCEPTIBILITY :</b> Rate the variety's field reaction to the following pests and diseases using the following scale:</p>	
<p>1=Extremely low susceptibility (hardy)    2=Very low susceptibility                3=Low Susceptibility                4=Low-moderate susceptibility            5=Moderate susceptibility                6=Moderate-high susceptibility                7=High susceptibility                8=Very high susceptibility                9=Extremely high susceptibility (tender)</p>	
<p>___ <b>Brown Rot (<i>Monilia laxa</i> (<i>M. fructigena</i>))</b></p> <p>___ <b>Powdery Mildew of Peach (<i>Sphaerotheca pannosa</i>)</b></p> <p>___ <b>Peach Scab (<i>Cladosporium carpophilum</i>)</b></p> <p>___ <b>Shot-Hole (<i>Coryneum beijerinckii</i>)</b></p> <p>___ <b>Canker (<i>Cytospora</i> spp.)</b></p> <p>___ <b>Black Canker (<i>Fusicoccum amygdali</i>)</b></p> <p>___ <b>Silver Blight (<i>Stereum purpureum</i>)</b></p> <p>___ <b>Peach Leaf Curl (<i>Taphrina deformans</i>)</b></p> <p>___ <b>Peach Wilt (<i>Verticillium albo-atrum</i>)</b></p> <p>___ <b>Other Fungi</b> _____</p>	<p>___ Brown Rot (<i>Monilia laxa</i> (<i>M. fructigena</i>))</p> <p>___ Powdery Mildew of Peach (<i>Sphaerotheca pannosa</i>)</p> <p>___ Peach Scab (<i>Cladosporium carpophilum</i>)</p> <p>___ Shot-Hole (<i>Coryneum beijerinckii</i>)</p> <p>___ Canker (<i>Cytospora</i> spp.)</p> <p>___ Black Canker (<i>Fusicoccum amygdali</i>)</p> <p>___ Silver Blight (<i>Stereum purpureum</i>)</p> <p>___ Peach Leaf Curl (<i>Taphrina deformans</i>)</p> <p>___ Peach Wilt (<i>Verticillium albo-atrum</i>)</p> <p>___ Other Fungi _____</p>
Application Variety Data	Most Similar Comparison Variety Data

Application Variety Data	Most Similar Comparison Variety Data
PEST AND DISEASE SUSCEPTIBILITY : Rate the variety's field reaction to the following pests and diseases using the following scale: (Continued)	
1=Extremely low susceptibility (hardy) 2=Very low susceptibility 3=Low Susceptibility 4=Low-moderate susceptibility 5=Moderate susceptibility 6=Moderate-high susceptibility 7=High susceptibility 8=Very high susceptibility 9=Extremely high susceptibility (tender)	
<input type="checkbox"/> <b>Crown Gall (<i>Erwinia tumefaciens</i> (<i>Agrobacterium</i>))</b> <input type="checkbox"/> <b><i>Pseudomonas mors-prunorum</i> f. <i>persicae</i></b> <input type="checkbox"/> <b>Black Spot (<i>Xanthomonas pruni</i>)</b> <input type="checkbox"/> <b>Other Bacteria</b> _____	<input type="checkbox"/> Crown Gall ( <i>Erwinia tumefaciens</i> ( <i>Agrobacterium</i> )) <input type="checkbox"/> <i>Pseudomonas mors-prunorum</i> f. <i>persicae</i> <input type="checkbox"/> Black Spot ( <i>Xanthomonas pruni</i> ) <input type="checkbox"/> Other Bacteria _____
<input type="checkbox"/> <b>Peach mosaic virus</b> <input type="checkbox"/> <b>Peach rosette mosaic virus</b> <input type="checkbox"/> <b>Prunus dwarf virus</b> <input type="checkbox"/> <b>Prunus ring spot virus</b> <input type="checkbox"/> <b>Peach X disease mycoplasma</b> <input type="checkbox"/> <b>Other Virus</b> _____	<input type="checkbox"/> Peach mosaic virus <input type="checkbox"/> Peach rosette mosaic virus <input type="checkbox"/> Prunus dwarf virus <input type="checkbox"/> Prunus ring spot virus <input type="checkbox"/> Peach X disease mycoplasma <input type="checkbox"/> Other Virus _____
<input type="checkbox"/> <b>Meloidogyne incognita</b> <input type="checkbox"/> <b>Other Meloidogyne spp.</b> _____ <input type="checkbox"/> <b>Pratylenchus vulnus</b> <input type="checkbox"/> <b>Other Pratylenchus spp.</b> _____	<input type="checkbox"/> Meloidogyne incognita <input type="checkbox"/> Other Meloidogyne spp. _____ <input type="checkbox"/> Pratylenchus vulnus <input type="checkbox"/> Other Pratylenchus spp. _____
Application Variety Data	Most Similar Comparison Variety Data
NOTES and COMMENTS	

## References:

Descriptor List for Peach (*Prunus persica*). 1984. E. Sellini, R. Watkins, E. Pomarici, editors. IBPGR Secretariat, Rome.

Guidelines for the Conduct of Tests for Distinctness, Uniformity, and Stability. Peach, Nectarine. 1995. Union for the Protection of the New Varieties of Plants, Geneva, Switzerland. UPOV TG/53/6.

Peach Specific Descriptors. 2000. From <http://www.bordeaux.inra.fr/urefv/base/descriptor/descriptor-peach.html>

