

WE DEVELOP VEGETABLES THAT CONSUMERS CHOOSE FIRST AND CHOOSE AGAIN.

#### **Table of Contents**

ToBRFV Resistant Varieties

4

North Europe

8

Spain

14

Italy

22

Morocco

26

Mexico

32

North America

36

Rest of the World

40

At Harmoniz we aim to develop tomatoes, peppers and cucumbers that consumers choose first and choose again.

We value the natural power that emanates from the meeting of minds and the meeting of nature. We are proud to offer agility in breeding, a reflection of both taking the road less travelled and a commitment to flavour by design. We have spent years developing advanced technology tools to grow our garden "full seed ahead" together with specialist breeding capabilities to maximize flavour, enhance eating experience, yield consistency and sustainability.

We create delicious and memorable vegetables that consumers love, available year-round and create value for growers and retailers, in a sustainable way.

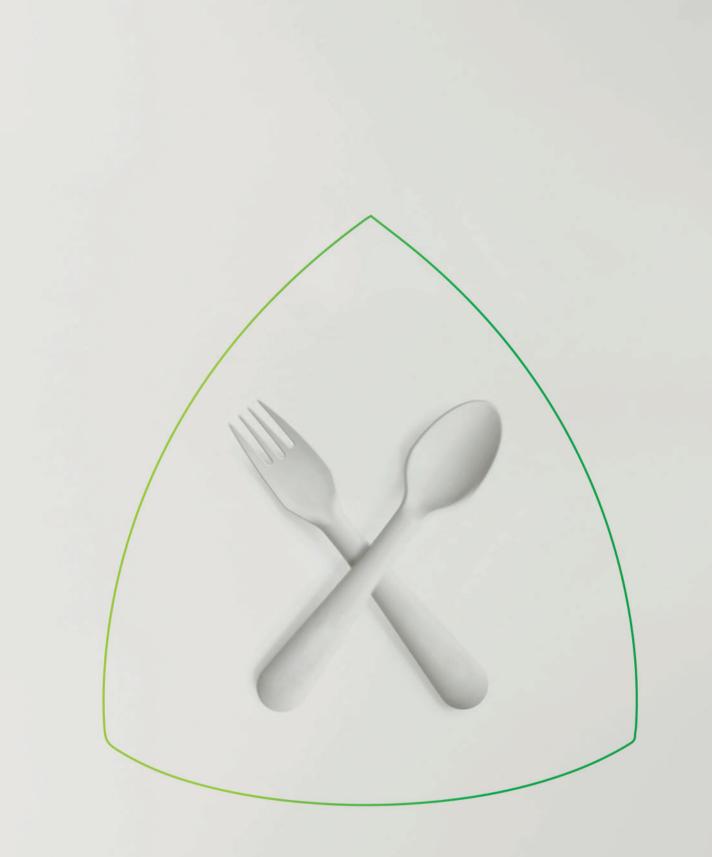
We drive market demand by combining the expertise of an exceptional seed company with the insights of a food company with a culture of agility, creativity, quality and excellence in everything we do.

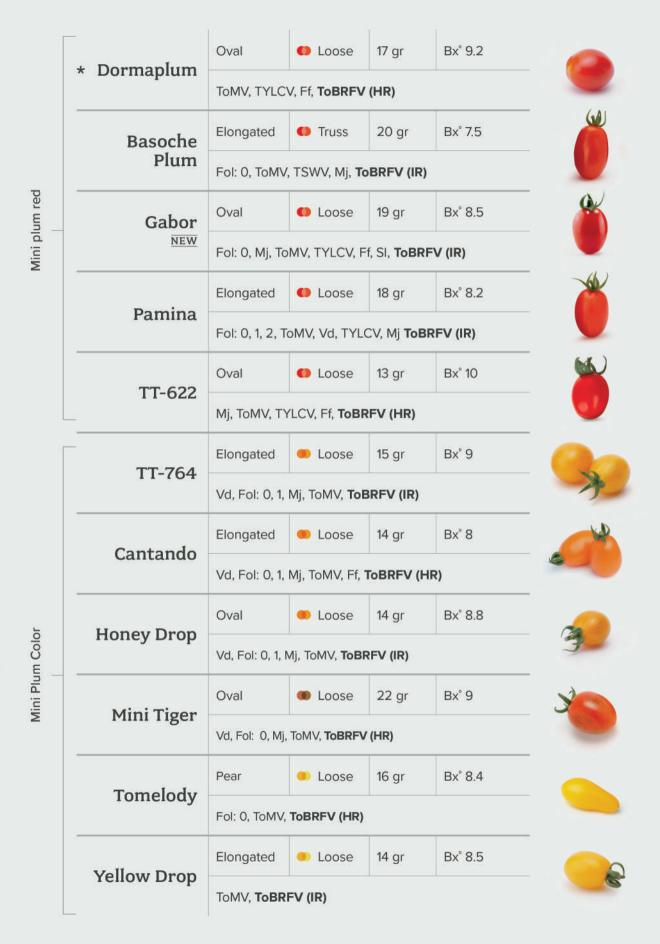
We foster a partnership approach along the value chain to deliver profitable growth for all. **Together with** our partners we fully evaluate all our varieties so that when we offer them to you, we do so with absolute confidence. It is a right not a privilege to fall in love with the products you bring into

**Our commitment** is to honour that in all we create throughout the value chain.

your life.

# ToBRFV Resistant Varieties





**10** ToBRFV Resistant Varieties

-	TT-768	Oval	Loose	23 gr	Bx° 8.8	7
		Vd, Fol: 0, ToMV, TYLCV, ToBRFV (HR)				
· · · ·	* TT-1080 <u>NEW</u>	Drop	Truss	15 gr	Bx° 8.5	
•		Mj, ToMV, TYLCV, <b>ToBRFV (IR)</b>				
~~~ ,	* TT-1083	Drop	Truss	17 gr	Bx° 9	_
X		Mj, ToMV, ToBRFV (IR)			1	
	* HT-1091	Drop	🔍 Truss	16 gr	Bx° 9.5	
6		Fol: 0, Mj, ToMV, ToBRFV (IR)				
	TomPubu	Square	Truss	30 gr	Bx° 8.8	
	* TomRuby	Fol: 0, ToMV, SI, TOBRFV (HR)				
	Croconì	Square	Truss	40 gr	Bx° 7	
		Fol: 0, 1, ToMV, TYLCV, Vd, ToBRFV (IR)				
	Flor de Andalucía	Oval	Truss	34 gr	Bx° 6.7	
V		Fol: 0, ToMV, TYLCV, ToBRFV (HR)				_
	Midres	Elongated	Truss	35 gr	Bx° 7	
		Vd, Fol: 0, 1, ToMV, TYLCV, Ff, ToBRFV (IR)				
<u>&gt;u</u>	TT-1018 NEW - TOV	Round	Truss	140 gr	Bx° 4	
		Vd, Fol: 0, 1, For, ToMV, TYLCV, TSWV, SI, TOBRFV (IR)				
XUX	TT-1019 NEW - TOV	Round	Truss	160 gr	Bx° 4	
1000		Vd, Fol: 0, 1, Mj, ToMV, TYLCV, TSWV, SI, ToBRFV (IR)				

\* Restricted / Closed Varieties

7

LOVE TO EAT, GREAT TO GROW. NORTH EUROPE



Restricted / Closed Varieties

# Dulciz

#### TT-582

Drop 🌕 Truss 16 gr | Bx° 9 Res: Fol: 0, Mj, ToMV TT-1083 NEW

Drop 🌕 Truss 17 gr | Bx° 9 Res: Mj, ToMV, ToBRFV (IR)





HT-1091 Drop 🔍 Truss 16 gr | Bx° 9.5 Res: Fol: 0, Mj, ToMV, ToBRFV (IR)

# **Mini Plum**



# **Strawberry Shape**



# Cocktail

#### Cosmopolitan





#### Duro (TT-910)

Round 🌑 Truss 35 gr | Bx° 6.5 Res: Vd, Fol: 0, 1, Mj, ToMV, Lt

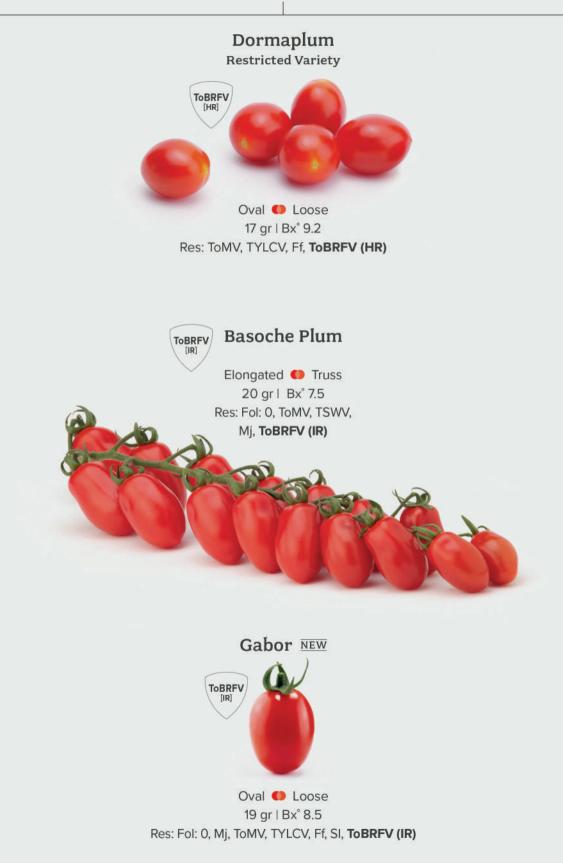


#### TT-818

Round **•** Loose & Truss 65 gr | Bx° 7 Res: Vd, Fol: 0, 1, Mj, ToMV EXCELENTES PARA COMER, Y TAMBIÉN PARA CULTIVAR. SPAIN



# Mini Plum



# **Mini Plum - Specialty**

TT-768



Oval Coose 23 gr | Bx° 8.8 Res: Vd, Fol: 0, ToMV, TYLCV, **ToBRFV (HR)** 

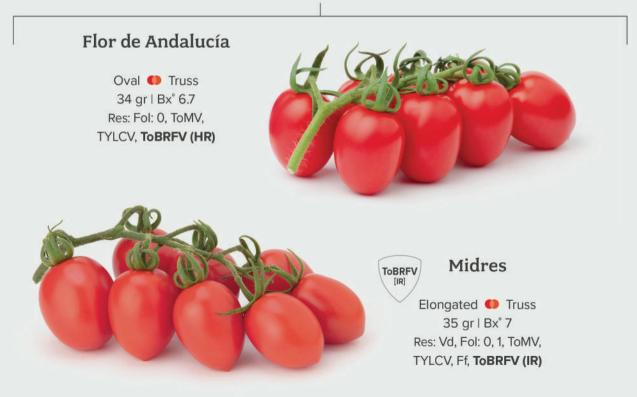


TT-826 NEW



Elongated 🔴 Loose 19 gr | Bx° 8.8 Res: Fol: 0, Mj, ToMV, TYLCV, Ff, SI

# **Midi Plum**



# **Cherry Color**

#### Chocolat Candy



Round **D** Loose & Truss 17 gr | Bx° 8.5 Res: Vd, Fol: 0, 1, ToMV

# Orange Candy



Round Coose & Truss 16 gr | Bx° 8 Res: Vd, Fol: 0, 1, Mj, ToMV, TYLCV

#### **Yellow Candy**



Round O Loose 18 gr | Bx° 8.5 Res: Fol: 0, 1, ToMV, Vd, TYLCV, TSWV, Mj, For

#### TT-1060



Oval 🐽 Loose 15 gr | Bx° 12 Res: Vd, For, ToMV, SI, Ff

#### TT-1062



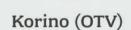
Round Coose 16 gr | Bx° 9 Res: Vd, Mj, For, ToMV, TYLCV, Ff

# **Cherry Red**

TT-1043 NEW

Round Decose 20 gr | Bx° 8.5 Res: Vd, Fol: 0, 1, Mj, ToMV, TYLCV, Ff

# 30



Round 🌑 Truss 15 gr | Bx° 8 Res: Fol: 0, Mj, ToMV, TYLCV, Ff

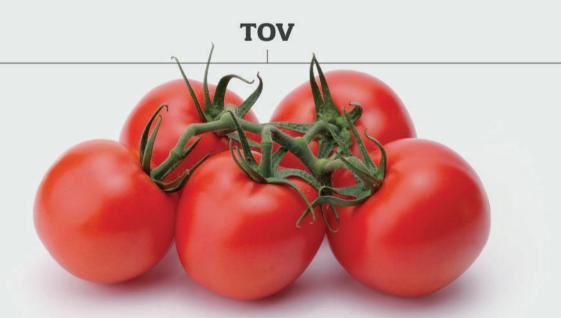


# Cocktail

#### Dulcimor

Round 
Truss 42 gr | Bx° 7 Res: Vd, Fol: 0, For, ToMV, TSWV, TYLCV





#### Cosmostar

Round 🌑 Truss 160 gr | Bx° 4 Res: Vd, Fol: 0, 1, Mj, ToMV, TSWV, TYLCV

#### Constelación

Round **()** Truss 150 gr | Bx° 4.5 Res: Vd, Fol: 0, 1, For, Mj, ToMV, TSWV, TYLCV

#### Joraike NEW

Round 🌑 Truss 140 gr | Bx° 4 Res: Vd, Fol: 0, 1, Mj, ToMV, TYLCV

## Roma

Tucait



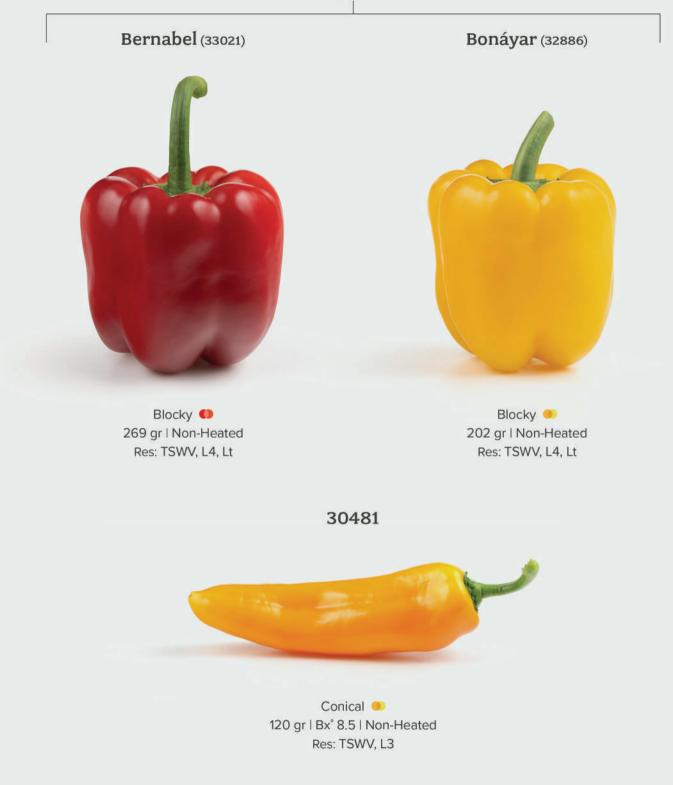
Elongated 🌑 Loose 180 gr Res: Fol: 0, 1, ToMV, Vd, TYLCV, TSWV, Mj

#### Carbino



Elongated **()** Loose 150 gr Res: Fol: 0, 1, 2, ToMV, Vd, TYLCV, TSWV, Mj, For

# Peppers



ECCEZIONALI DA MANGIARE, ECCELLENTI DA COLTIVARE. ITALY



### **Mini Plum Truss**

# Basoche Plum

Elongated **O** Truss 20 gr | Bx° 7.5 Res: Fol: 0, ToMV, TSWV, Mj, **ToBRFV (IR)** 

#### TT-1053 NEW



Elongated 
Truss 18 gr | Bx° 8.5 Res: ToMV, TYLCV, SI

# **Mini Plum - Specialty**

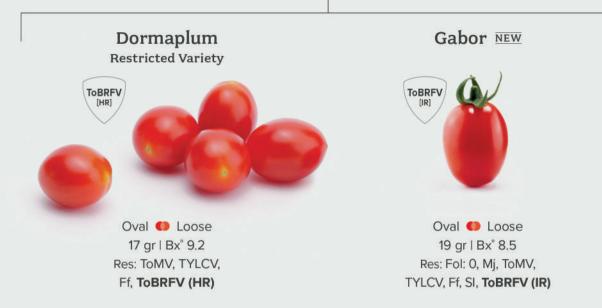


Cherry	<b>Cherry Color</b>			
Duresca (TT-325) NEW	Chocolat Candy	Orange Candy		
	X			
Round 🌑 Truss 22 gr   Bx° 7 Res: Vd, Fol: 0, 1, For, Mj, ToMV, TYLCV, Ff	Round 🌑 Loose & Truss 17 gr   Bx° 8.5 Res: Vd, Fol: 0, 1, ToMV	Round 🛑 Loose & Truss 16 gr   Bx° 8 Res: Vd, Fol: 0, 1, Mj, ToMV, TYLCV		
Roma	<b>TOV</b> Carreras Dalibor			
Elongated <b>L</b> oose 150 gr Res: Fol: 0, 1, 2, ToMV, Vd, TYLCV, TSWV, Mj	Round Truss 170 gr Res: Fol: 0, 1, ToMV, Vd TYLCV, TSWV, Mj, For	Round C Truss 145 gr Res: Fol: 0, 1, ToMV, Vd, TYLCV, TSWV, For		

SUPERBES À MANGER, EXCELLENTES À CULTIVER. MOROCCO

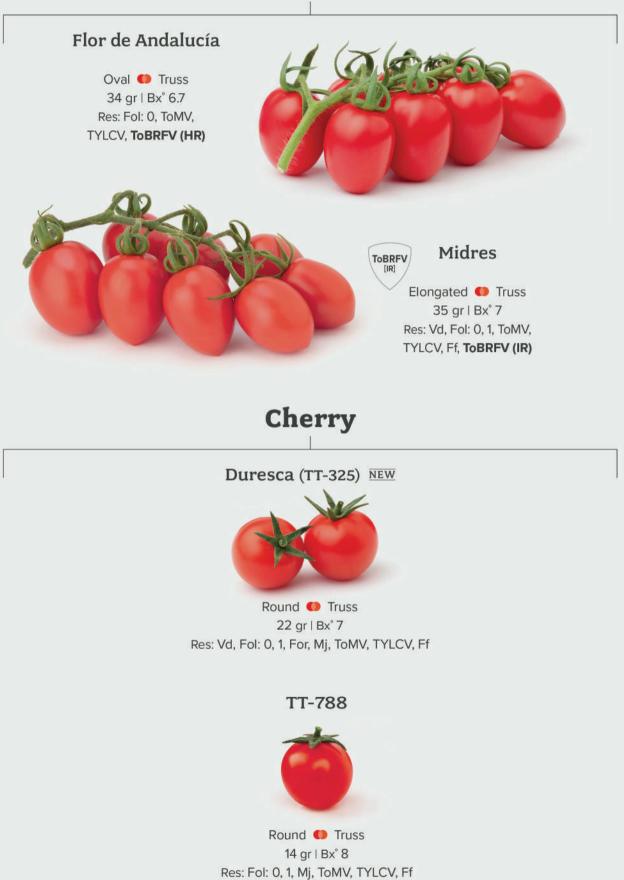


# **Mini Plum**





# **Midi Plum**



# Cocktail

#### Dulcimor

Round 
Truss 42 gr | Bx<sup>°</sup> 7 Res: Vd, Fol: 0, For, ToMV, TSWV, TYLCV



TOV



#### Cosmostar

Round 🌑 Truss 160 gr | Bx° 4 Res: Vd, Fol: 0, 1, Mj, ToMV, TSWV, TYLCV

#### Constelación

Round **O** Truss 150 gr | Bx° 4.5 Res: Vd, Fol: 0, 1, For, Mj, ToMV, TSWV, TYLCV

#### Joraike NEW

Round 🌑 Truss 140 gr | Bx° 4 Res: Vd, Fol: 0, 1, Mj, ToMV, TYLCV

## Peppers



Blocky ● 269 gr | Non-Heated Res: TSWV, L4, Lt Blocky 202 gr | Non-Heated Res: TSWV, L4, Lt

30481

Super Habanero



Conical 120 gr | Bx° 8.5 | Non-Heated Res: TSWV, L3



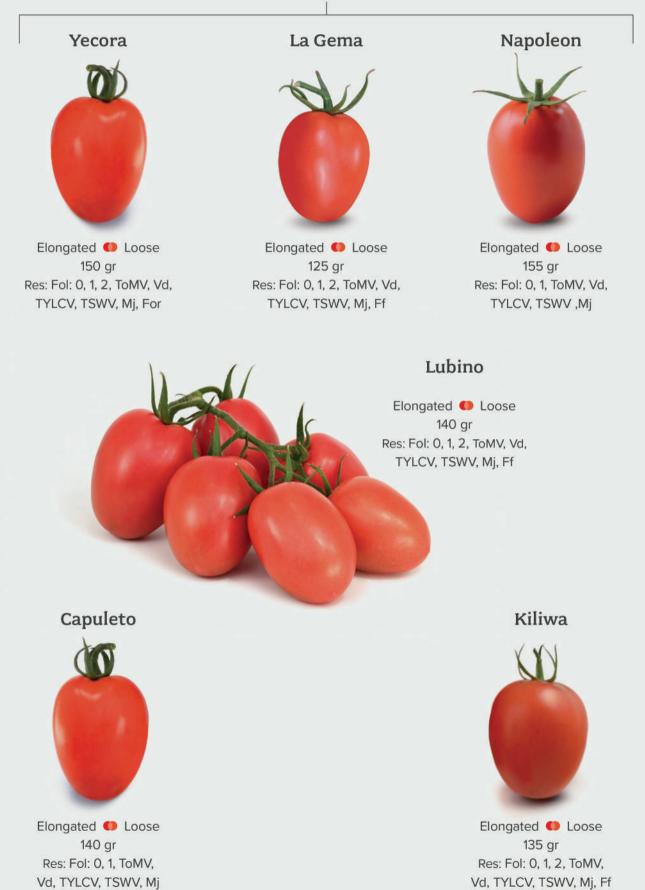
10 gr 🌑 Res: TSWV, L3 EXCELENTES PARA COMER, Y TAMBIÉN PARA CULTIVAR. MEXICO



# Mini Plum



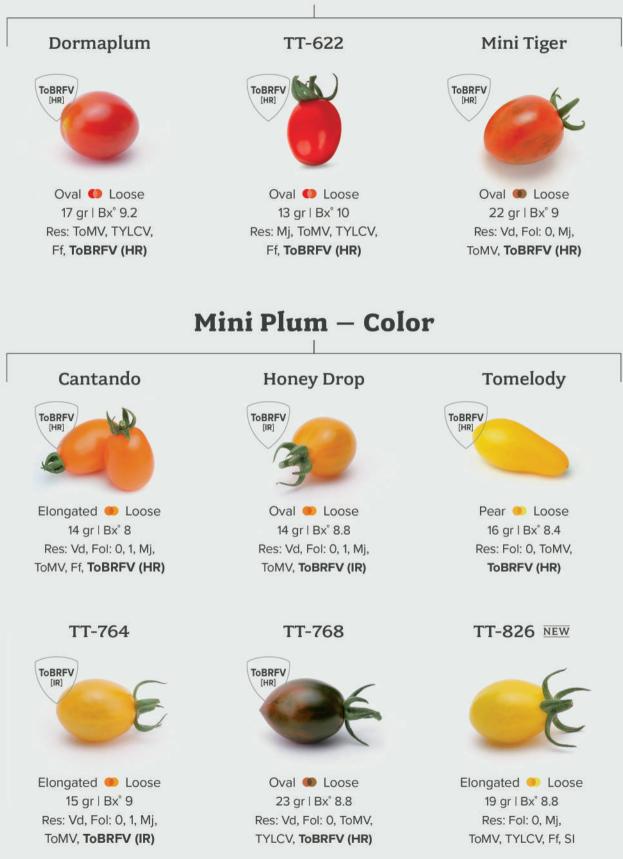
#### Roma

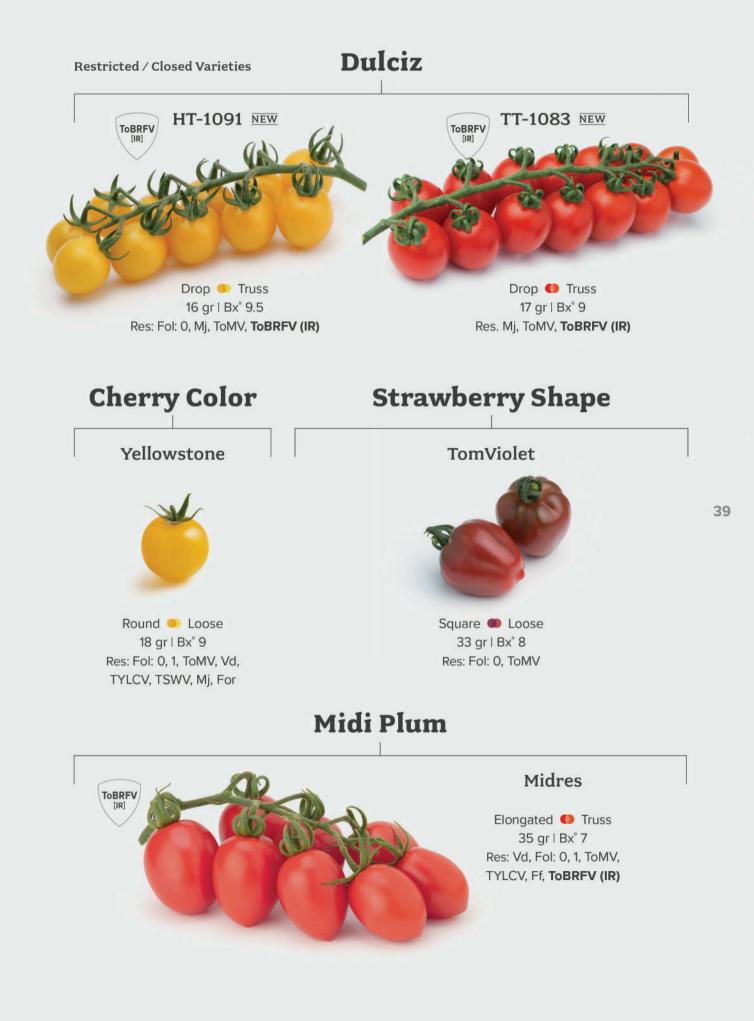


LOVE TO EAT, GREAT TO GROW. NORTH AMERICA



### Mini Plum

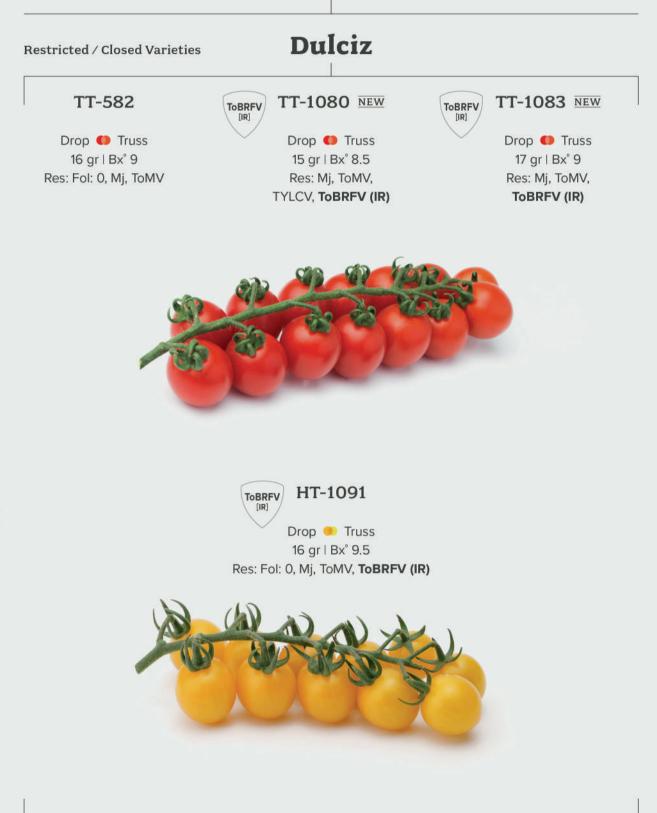




LOVE TO EAT, GREAT TO GROW. RESTOF THE WORLD



# HEATED GH



### **Mini Plum**

#### Cantando ToBRFV ToBRFV [HR] [HR] Elongated 🛑 Loose 14 gr | Bx° 8 Res: Vd, Fol: 0, 1, Mj, ToMV, Ff, ToBRFV (HR)



Pear 😐 Loose 16 gr | Bx° 8,4 Res: Fol: 0, ToMV, ToBRFV (HR)

TomViolet



Round 😐 Loose 18 gr | Bx° 8.5 Res: Fol: 0, 1, ToMV, Vd, TYLCV, TSWV, Mj, For



Square 🌑 Loose 33 gr | Bx° 8 Res: Fol: 0, ToMV



Starsol



Round 🌑 Truss 40 gr | Bx° 6 Res: Fol: 0, 1, ToMV, Vd, TYLCV, Mj, For, Ff

### Standard

Filiz



Round 
 Loose
 220 gr | Bx° 4
Res: Fol: 0, 1, ToMV, Vd, TYLCV, TSWV, Mj

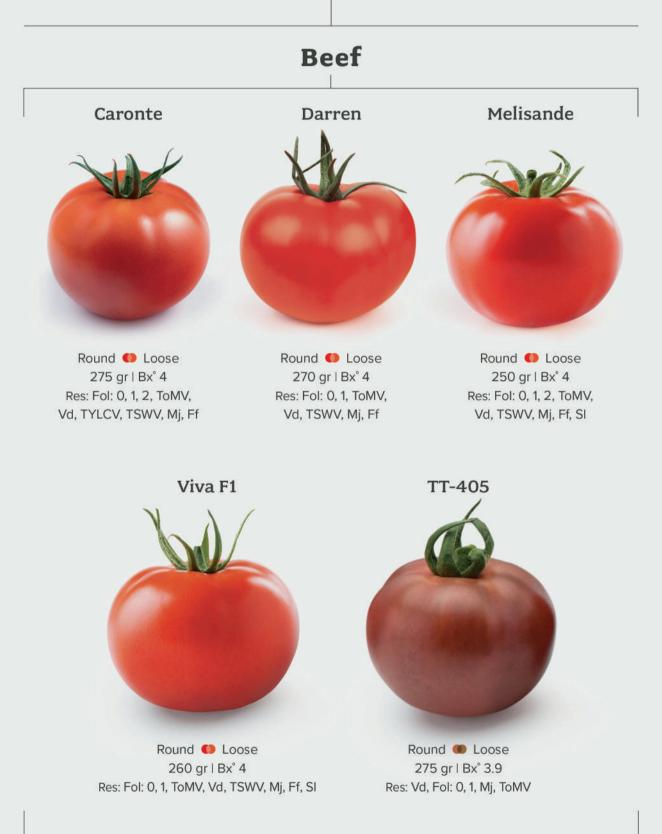
Nemo Neta



Round **()** Loose 170 gr | Bx<sup>°</sup> 4 Res: Fol: 0, 1, ToMV, Vd, Mj



Round Doose 200 gr | Bx° 5 Res: Vd, Fol: 0, 1, ToMV, Mj, For, TYLCV



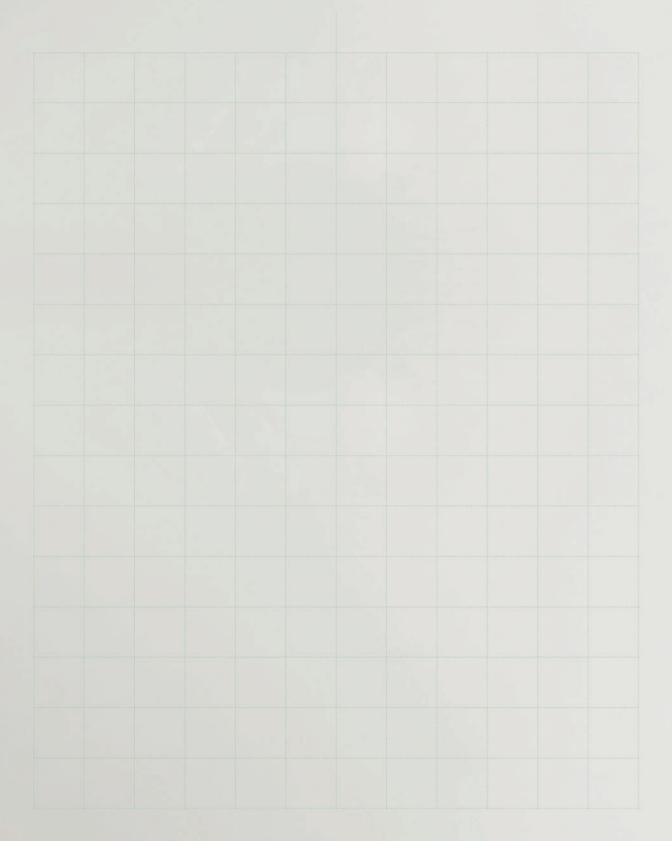
### Peppers

Razer



Conical | 110 gr 😐 Res: TSWV, L3

#### Your notes



#### Resistances

Scientific Name	HR/IR	Code
Tomato Mosaic Virus	HR	ToMV
Tomato Brown Rugose Fruit Virus	IR/HR	ToBRFV
Tomato Spotted Wilt Virus	IR	TSWV
Tomato Yellow Leaf Curl Virus	IR	TYLCV
Pseudomonas Syringae pv. Tomato	HR	Pst
Passalora Fulva (ex Fulvia Fulva)	HR	Ff
Fusarium Oxysporum f.sp. Lycopersici	HR	Fol (race: 0, 1, 2)
Fusarium Oxysporum f.sp. Radicis-Lycopersici	HR	For
Leveillula Taurica	IR	Lt
Stemphylium Lycopersici	IR	SI
Verticillium	HR	Vd
Nematodes	IR	Mj

★ IR = Intermediate Resistance to ToBRFV / HR = Highly resistant to ToBRFV

Varieties that show significant reduction in symptoms. Tested for two consecutive seasons under virus pressure in comparison with susceptible varieties.

 High Resistance (HR)
 / the ability of a plant variety to restrict the growth and/or development of the specified pest, and/or the symptoms and/or damage it causes, to a high degree. HR varieties may still exhibit minor symptoms or damage under heavy pest pressure and should not be confused with immune plants that are defined as unable to support any pest growth and development.

 Intermediate Resistance (IR)
 / plant varieties that restrict the growth and/or development of the specified pest and/or the damage it causes but may exhibit a greater range of symptoms or damage compared to high resistant varieties. Intermediate resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest pressure.

Intermediate Resistance (IR) / plant varieties that restrict the growth and/or development of the specified pest and/or the damage it causes but may exhibit a greater range of symptoms or damage compared to high resistant varieties. Intermediate resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest pressure.



harmonizseed.com

