



**NEMATODE
RESISTANT**
Tomato Varieties

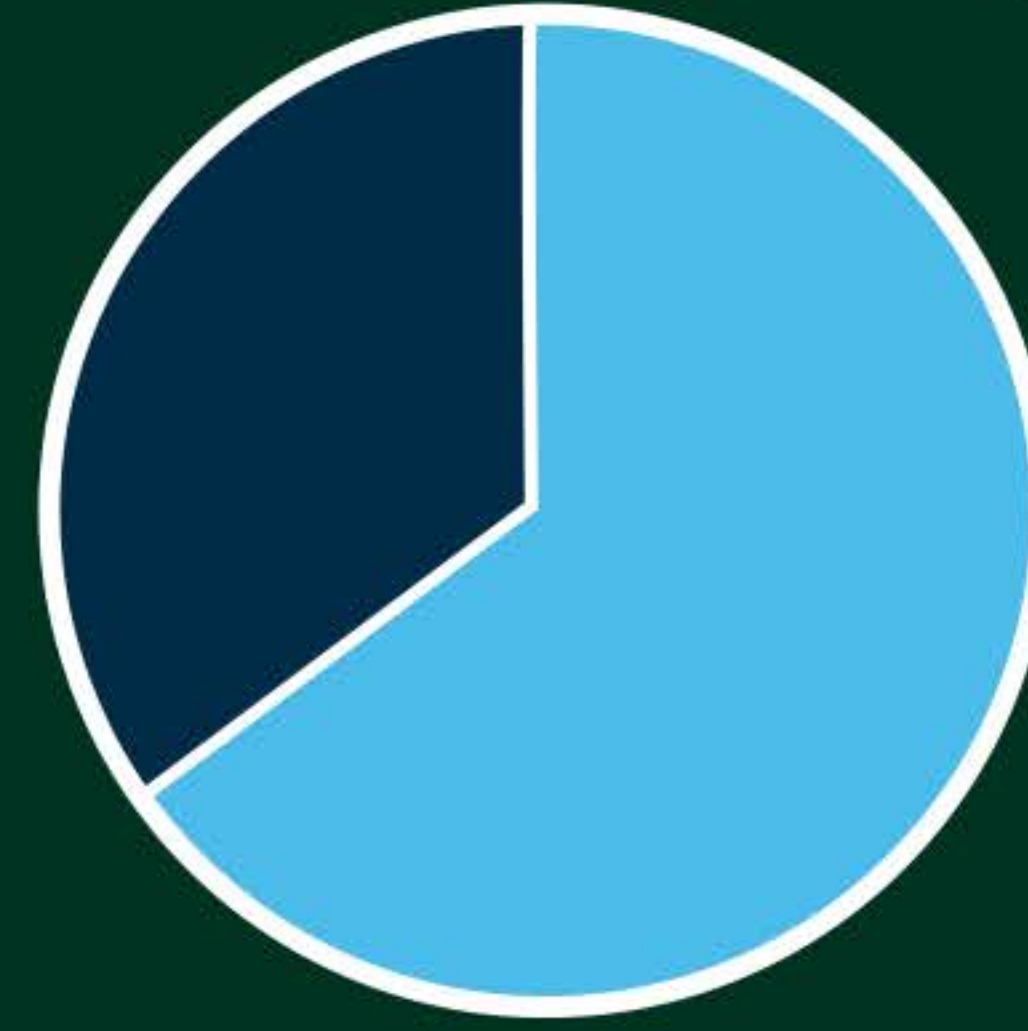
The Seminis logo, featuring a stylized white leaf icon above the word "Seminis" in a bold, white, sans-serif font, with the tagline "Grow better together" in a smaller, white, sans-serif font below it.

Seminis
Grow better together



Soil dwelling nematodes are often out of sight and out of mind. It's time to take notice.

Root-knot nematodes bore through root cell walls and begin living, feeding, and wreaking havoc inside the root vascular system.



Did you know that **68% of sampled vegetable fields** in the Carolina and Tennessee mountains are infested with **root-knot nematode**?¹

With an average population of **over 1,900 RKN/500cc soil**, this well exceeds established threshold levels in vegetables.²

¹ Based on internal sample collection from 50 fields. Identification performed by the NC Department of Agriculture Nematode Assay Section.

² Based on published threshold levels by Clemson University.

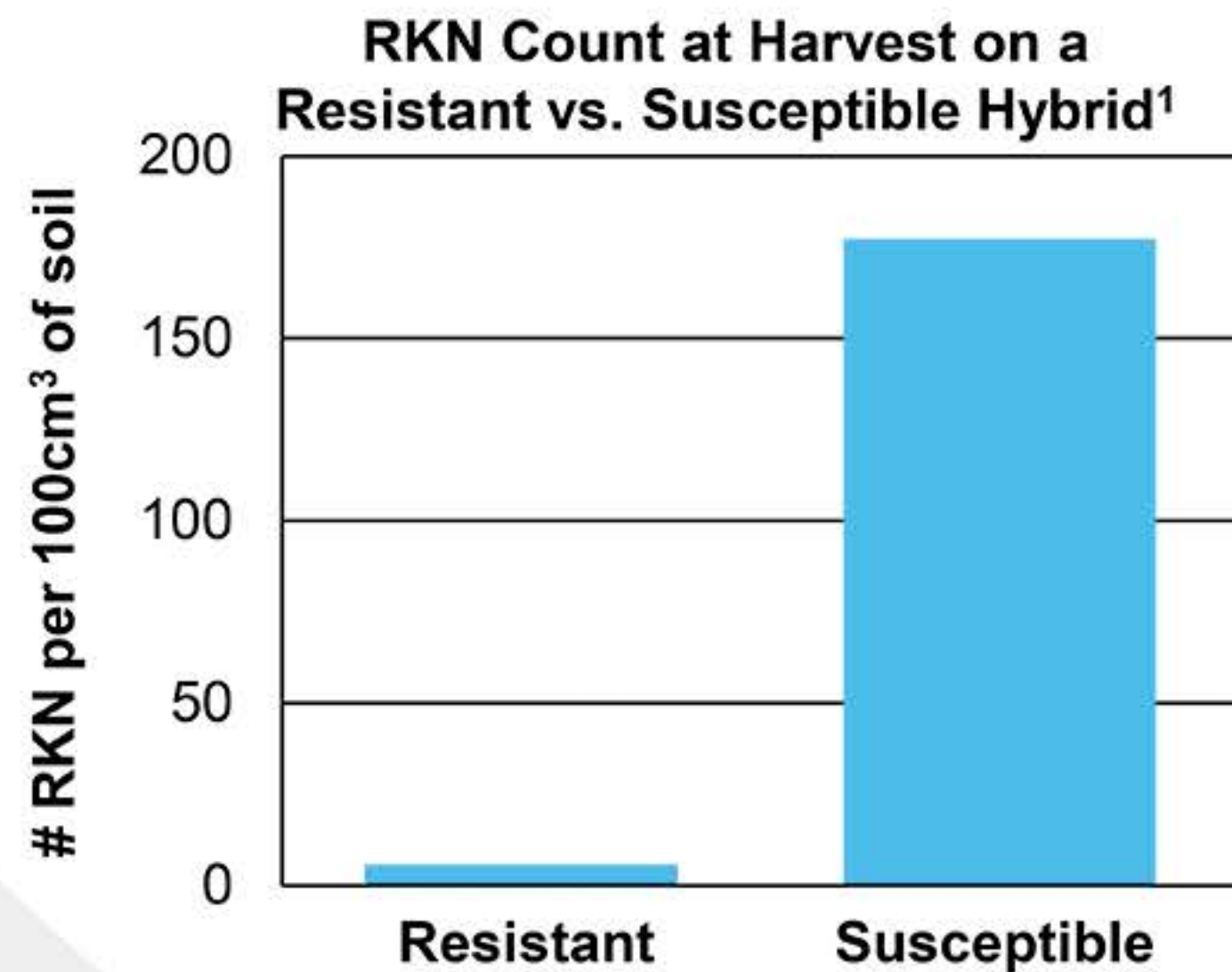
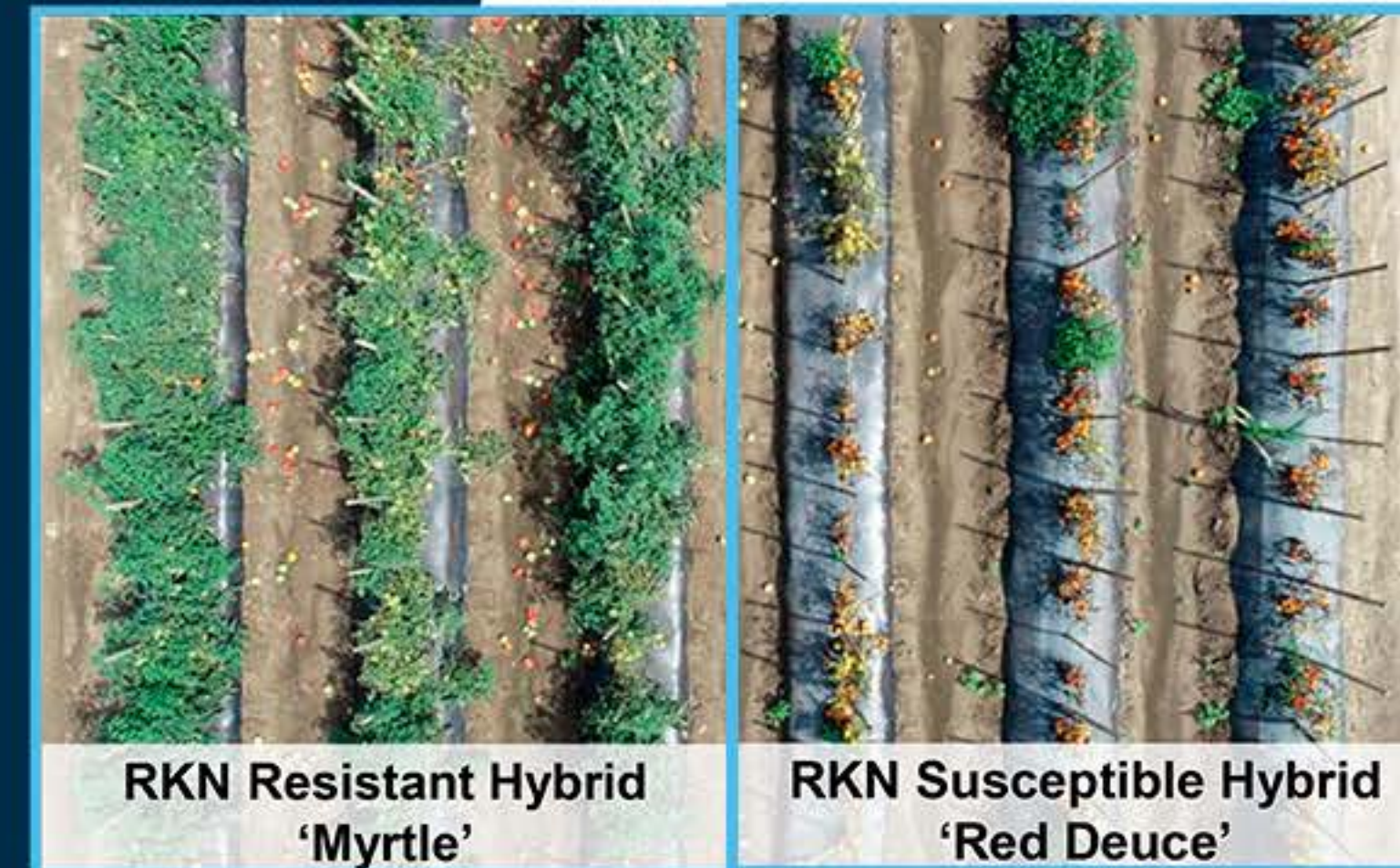
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RKN may silently reduce yields with little or no visual symptoms, stunting, wilting, and chlorosis may be observed due to an impaired root system.

Nematode damage on roots also creates entry points for other soilborne pathogens like Fusarium and Verticillium.

In the tomato picture to the right, we see increased severity of bacterial wilt in a RKN susceptible hybrid (right) vs. a RKN resistant hybrid (left).

The image below was captured from an internal block trial in 2022 from one field location in South Carolina.



The graph displayed to the left shows RKN populations at harvest on a resistant hybrid vs. a susceptible hybrid from a trial conducted by Clemson University in South Carolina¹.

RKN populations can be significantly reduced by planting a resistant variety, resulting in less crop damage and increased yields in areas of high RKN pressure.

¹ Thies, Judy A., et al. "Host Resistance and Metam Sodium for Managing Root knot Nematodes in a Pepper Cucumber Rotation." *HortScience* 40.7 (2005): 2080-2082.

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When nematodes strike, strike back with RKN resistance from Seminis® Brand.

CELEBRITY PLUS

This tomato is everything you loved about the original Celebrity, plus an added resistance to Tomato spotted wilt virus, thanks to the enhanced disease package! A widely adaptable hybrid for fresh market and home garden.

Features

- Improved shape and size uniformity
- Tomato spotted wilt added
- Retains Celebrity characteristics



Disease Resistance

HR: ToMV:0-2/Aal/ Fol:1,2/ Sb/ SI/ Ss/
IR: TSWV:0/ Ma/Mi/Mj

*Disease Key: ToMV = Tomato mosaic virus, Sb/SI/Ss = Gray leaf spot, Va/Vd = Verticillium wilt, Aal = Alternaria stem canker, Fol = Fusarium wilt, TSWV = Tomato spotted wilt virus, Ma/Mi/Mj = Root-knot, TYLCV = Tomato yellow leaf curl virus, Lt = Powdery mildew, Pst = Bacterial speck, Pf = Leaf mold

*HR = High Resistance. IR = Intermediate Resistance. To find out more about disease resistance and the applicable levels of disease resistance, visit www.worldseed.org, and view the "Definition of the Terms Describing the Reaction of Plants to Pests for the Vegetable Industry" paper in the Vegetable Resources section. Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields. Bayer, Bayer Cross, Seminis & Leaf Design® and Seminis® are registered trademarks of Bayer Group. ©2023 Bayer Group. All rights reserved.

BIG BEEF PLUS

Big Beef Plus boasts better flavor, adaptability, disease resistance and appearance compared to Big Beef! Slice open this re-imagined classic tomato and you'll be wowed by a visibly deeper red internal gel.

Features

- Improved disease resistance
- Crimson gene that improves the red color
- Larger size than Big Beef



Disease Resistance

HR: ToMV:0-2/ToT/Aal/Fol:1,2/For/SbI/SI/Ss/Va:1/Vd:1

IR: TSWV:0/Ma/Mi/Mj

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LEMON BOY PLUS

Boy oh boy this is a great tomato! Lemon Boy Plus has all the best qualities of the original Lemon Boy, plus added flavor and disease resistance.

Features

- Uniform fruit shape and size
- Improved disease package with Tomato torrado virus, Fusarium crown and root rot, Fusarium wilt race 1-3, Tomato
 - Firmness and less radial cracking
 - Higher average degrees brix value than the original Lemon Boy



Disease Resistance

HR: ToMV:0-/Aal/Pf:B,D/Fol:1-3/SbI/SI/
Ss/Va:1/Vd:1

IR: Ma/Mi/Mj

*Disease Key: ToMV = Tomato mosaic virus, Sb/SI/Ss = Gray leaf spot, Va/Vd = Verticillium wilt, Aal = Alternaria stem canker, Fol = Fusarium wilt, TSWV = Tomato spotted wilt virus, Ma/Mi/Mj = Root-knot, TYLCV = Tomato yellow leaf curl virus, Lt = Powdery mildew, Pst = Bacterial speck, Pf = Leaf mold

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BETTER BOY PLUS

This is an even better, Better Boy.... you better believe it! Better Boy Plus has all the great characteristics of the classic Better Boy, plus more flavor, disease resistance and adaptability! This bright red hybrid is unbelievably juicy and packs an unbeatable flavor.

Features

- Higher average degrees brix value, quality, and fruit setting than Better Boy
 - Firm fruits
 - Low radial cracking



Disease Resistance

HR: ToMV:0-2/Aal/Fol:1/For/SbI/SI/Ss/
Va:1/Vd:1

IR: TSWV:0/Ma/Mi/Mj

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SAYBROOK

Saybrook is a determinate round tomato that is ideal for both the vine ripe and mature green market. The vigorous plant type produces a large set of extra-large smooth fruit all the way to the top of plant with good canopy cover to help reduce the risk of sunscald.

Features

- Vigorous plant type
- Good canopy cover to reduce risk of sunscald
 - Produces extra large smooth fruit



Disease Resistance

HR: Aal/Fol:1-3/SbI/SI/Ss/Va:1/Vd:1

IR: TSWV:0/Ma/Mi/Mj

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MYRTLE

Myrtle is a main season variety with good fruit quality and extra large fruit size perfect for the vine-ripe market. The disease resistance package helps provide a long harvest window.

Features

- Good fruit quality
- Extra large fruit size
- Fast and easy pruning
- Excellent disease resistance package



Disease Resistance

HR: Aal/Fol:1-3/SbI/SI/Ss/Va:1/Vd:1

IR: TSWV:0/Ma/Mi/Mj

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ZENZEI

Zenzei offers everything you want from a saladette-type tomato, but transcends beyond the average Roma with a better disease-resistant package and produces an abundance of large, plum-shaped fruits with a bright-colored skin and a tight, meaty interior. Zenzei's plant habit is very neat and uniform and you will never have to prune it! Zenzei is perfect fresh or sliced up in a salad. Any way prepared, it will be sure to enlighten your dish!

Features

- Vigorous plant with short Internodes
- Outstanding setting
 - Elongated fruit, not the classing egg shape
 - Robust disease package
 - No pruning required



Disease Resistance

HR: ToMV:0-2/Fol:1,2/Va:1/Vd:1
IR: TSWV:0/TYL CV/Lt/Ma/Mi/Mj

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UNICORN

Unicorn is a fresh market hybrid cherry tomato for the Eastern U.S. Medium to large size, deep red fruits are produced on an indeterminate plant with moderate vigor. Fruits are tolerant to cracking, firm, and have an excellent sweet-tasting flavor.

Features

- Attractive, deep red fruit color
- Large, uniform fruit size
- Excellent cracking tolerance
- Heavy fruit set
 - Outstanding sweet tasting flavor
 - Great plant health with intermediate resistance to bacterial speck



Disease Resistance

HR: ToMV:0-2/Pf:A-E/Fol:1

IR: Pst:0/Ma/Mi/Mj

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