



## Variety Profile

This is your *exclusive sneak peek* at De Ruiter® seed innovation as we continue to optimize and learn about this variety.

# DRTH1027<sup>†</sup>

Following the recent launch of Marinice and Bountice in the Large Truss Tomato segment, De Ruiter® proudly presents our new in-development DRTH1027 variety.

DRTH1027 is a jointless large truss variety with high yield potential, extra-large size and improved truss quality.



## HIGHLIGHTS

- Alternate variety to Merlice, Bountice and Marinice
- Developed for glasshouse crops
- Less boats than Marinice
- Large fruit size
- Good shelf life
- Excellent glossy fruits
- Premium plant vigor
- Anticipated Intermediate Resistance to Powdery mildew that's superior to Merlice

Characteristics are based on a 2-year crop cycle in Canada (2019 and 2020) and trial data from the Netherlands (2020).

<sup>†</sup> Experimental designation. Experimental/precommercial varieties are being shown/described for demonstration purposes only and are not being offered for sale.

**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.

Any recommendations in this article are based upon glasshouse observations and feedback received from a limited number of trials and locations. These recommendations should be considered as one reference point and should not be substituted for the professional opinion of agronomists, entomologists or other relevant experts evaluating specific conditions.

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# Agronomics

## Anticipated Disease Resistance Package

- **HR:** ToMV:0-2/ToTV/Ff:A-E/Fol:0,1/For/Va:0/Vd:0
- **IR:** On/Ma/Mi/Mj
- Given its strong vigor and its vegetative start, this variety is suited to long crop cycles. However, though it was developed for longer cycles, it is possible for it to go non-grafted for short cycles due to its resistance to Fusarium crown and root rot and Verticillium wilt.

## Plant behavior and potentials

DRTH1027 was developed grafted in long crop cycles from January to December. With promising results in the Great Lakes region, this variety demonstrated good yields and fruit quality under glasshouses. Compared to Marinice, DRTH2017 offers good plant vigor, which lends endurance and plant performance in long crop cycles.

Grafted and pinched on cotyledons 2:1, DRTH1027 delivers its first harvests only a few days later than Merlice. The fruits are extra-large with some ribs present mostly during early season. As plants mature with higher light levels, the fruit shape fills out with fewer ribs.

Although this plant requires less calcium in the feed, its internal color is a superb, deep red. The fruit size expected averages 170-180 grams and will vary depending on the growing environment.

When cultivated in the right conditions, DRTH1027 is a De Ruiter® masterpiece that will meet your needs for quality, high yield and large fruit size.




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### KEY TO DISEASE RESISTANCE

**Ff:** Lead mold

**Fol:** Fusarium wilt

**For:** Fusarium crown and root rot

**Ma/Mi/Mj:** Root-knot nematode

**On:** Powdery mildew

**ToMV:** Tomato mosaic virus

**ToTV:** Tomato torrado virus

**Va/Vd:** Verticillium wilt

**HR** = High Resistance

**IR** = Intermediate Resistance

*To find out more about disease resistance and the applicable levels of disease resistance, visit [www.worldseed.org](http://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.*

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