

# INSPIRED

Inspired is a premium, large beefsteak tomato with high average degrees brix and excellent external and internal red color

- Consistently high average degrees brix for the Beef segment
- FULLRED variety



## Features

- AFW 300-320 grams
- Good yield potential
- Balanced plant with superior vigor
- Consistently high average degrees brix for this segment
- Intermediate Resistance to Powdery mildew
- High glossiness
- Good cluster attachment
- Adaptable to both glass and plastic greenhouse covering
- Less fruit-fall compared to varieties like Torero and Touche

## Advantages

- Improved vigor
- Improved fruit quality in summer and fall

## Agronomic Tips

- Suitable for artificial growing environment. In its 1st year screening it showed 3 blind heads in 24 heads when grafted on Maxifort and pinched on cotyledons. No blinds reported in 2nd year of screening where plants were pinched on 2nd true leaf. Blossom End Scar (BES) incidence is potentially high. It was seen more BES in DRTH5013 vs varieties like Torero, Ducovery, Touche and Kivu and can be a problem early in season and or when plants are vegetative. Overall quality of fruits not an improvement if consider the incidence of BES. Outside the BES, the fruit quality is an improvement for its glossiness. Not higher yield potential than Kivu – leading competitor from RZ. So far we have no indication this material delivers higher yield than Torero but can be aligned with same potential. When grafted, it is recommended to pinch on the 2nd true leaf to minimize potential incidence of blind heads. Grafting on DR0141TX for long crops in areas traditionally known to having warm summers is recommended. Grafting on Maxifort and Multifort is possible too. Can be grown ungrafted however crop length and climate conditions must be taken into account as limiting factors. Growing ungrafted can deliver better fruit quality early in season with less incidence of BES. Fruit fall: avoid heat and humidity stress during periods of low light level. It is recommended to use a specific strategy to minimize fruit fall incidence, focusing on leaf removal, irrigation, EC, nutritional balance, heating strategy and humidity control.

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## Disease Resistance

HR **ToMV:0-2/Pf:A-E/Fol:1,2/For/Va:1/Vd:1**

IR **On/Ma/Mi/Mj**

### *Disease Resistance Key*

- **Fol = Fusarium wilt**
- **For = Fusarium crown and root rot**
- **Ma = Root-knot**
- **Mi = Root-knot**
- **Mj = Root-knot**
- **On = Powdery mildew**
- **ToMV = Tomato mosaic**
- **Va = Verticillium wilt**
- **Vd = Verticillium wilt**

## Characteristics

BRIX POTENTIAL	<b>5</b>
SEGMENT	<b>XL</b>
SIZE	<b>Beef</b>
EXTERNAL COLOR	<b>Red</b>
SHAPE	<b>Round</b>
AVERAGE WEIGHT	<b>300-320 grams</b>
HARVEST METHOD	<b>Loose</b>
HARVEST UNIFORMITY	<b>High Uniformity</b>
HARVESTING SEASON	<b>All YearLit Crop</b>
JOINTLESS	<b>No</b>
PLANT TYPE	<b>Indeterminate</b>
VIGOR	<b>Very Strong</b>
RELATIVE MATURITY	<b>Medium</b>
MATURITY (DAYS)	<b>120</b>
SOWING SEASON	<b>All YearLit Crop</b>
TRANSPLANTING SEASON	<b>All YearLit Crop</b>

**HR = High Resistance. IR = Intermediate Resistance.** To find out more about disease resistance and the applicable levels of disease resistance, [https://www.worldseed.org/wp-content/uploads/2017/05/Definition\\_on\\_reaction\\_plants\\_to\\_pests\\_2017\\_final.pdf](https://www.worldseed.org/wp-content/uploads/2017/05/Definition_on_reaction_plants_to_pests_2017_final.pdf).

Performance may vary from location to location and from year to year, as local growing, soil and climatic 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 operation. Any recommendations provided on this webpage are based upon observations and feedback received from a limited number of trials and geographies. 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. De Ruiter® is a registered trademark of Bayer Group. All other trademarks displayed on this site are either registered or unregistered trademarks of Bayer Group, one of its related affiliates or others and used by permission. © 2004 – 2023 Bayer Group. All rights reserved.