



**GREAT HEART SEED**

**GT-4563ES**

Mid Group IV



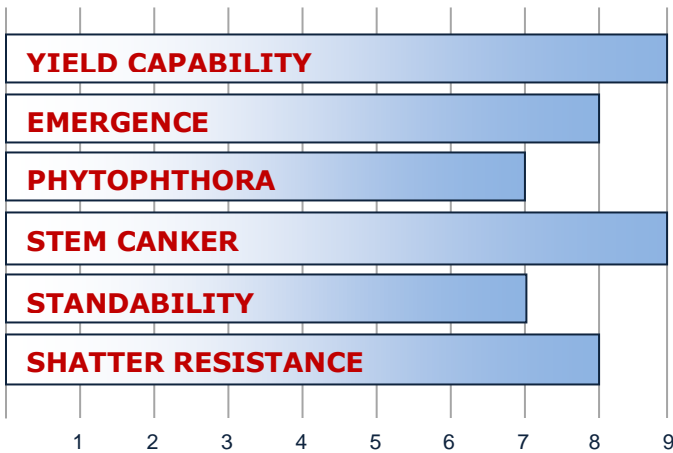
**GT-4563ES** is a great looking light tawny variety that's big enough for the clays but stands on the loams. It pulls in the top yields but's tough to beat in stress. It posts impressive yields from the lower Midwest through the South, and from east to west. Resistant to Stem Canker and Phytophthora with very good tolerance to Frogeye.

**KEY STRENGTHS**

- Has a wide area of adaptation
- Strong disease protection
- High yields across mid IV areas
- Good on most soils

**MANAGEMENT TIPS**

- Great choice for hard to control weeds
- Can handle soil variations
- Great at many population settings
- Avoid known Root Knot Nematode farms



- Rating Scale:**  
 1-2 / Poor  
 3-4 / Fair  
 5-6 / Good  
 7-8 / Very Good  
 9 / Excellent
- Plant Type:**  
 Th / Thin  
 M / Medium  
 B / Bushy
- Pubescence:**  
 G / Grey  
 T / Tan  
 LT / Light Tawny
- Flower Color:**  
 P / Purple  
 W / White
- Hilum Color:**  
 BL / Black  
 G / Grey  
 IB / Imperfect Black  
 IY / Imperfect Yellow  
 BR / Brown  
 BF / Buff  
 Y / Yellow
- Rating Scale:**  
 S / Susceptible  
 R / Resistant  
 MR / Moderate Resistance  
 T / Tolerant



**CHARACTERISTICS**

Category	General Characteristics	
Maturity & Herbicide	Maturity Group	<b>IV</b>
	Relative Maturity	<b>4.5</b>
	Herbicide Tolerance	<b>Enlist E3/STS</b>

Plant Description	General Characteristics	
	Plant Height	<b>41"</b>
	Canopy Type	<b>MB</b>
	Pubescence Color	<b>LT</b>
	Flower Color	<b>W</b>
	Hilum Color	<b>BL</b>
Approximate Seeds / lb.	<b>2800</b>	

Production Ratings	General Characteristics	
	Emergence Rating	<b>8</b>
	Standability	<b>7</b>
	No-Till Adaption	<b>8</b>
	Iron Chlorosis	<b>NA</b>
Shatter resistance	<b>8</b>	

Population Guidelines	General Characteristics	
	Drill Adapted	<b>7</b>
	Drilled	<b>175,000</b>
	15" Rows	<b>155,000</b>
	20" Rows	<b>145,000</b>
30" Rows	<b>135,000</b>	

Disease & Insect Ratings	General Characteristics	
	Phytophthora Resistance	<b>1C</b>
	Phytophthora Tolerance	<b>6</b>
	SCN Resistance	<b>R3,MR14</b>
	SDS Tolerance	<b>6</b>
	Charcoal Rot	<b>NA</b>
	Brown Stem Rot	<b>S</b>
	Frog Eye Leaf Spot	<b>8</b>
	Stem Canker	<b>R</b>
	Root Knot Nematode	<b>S</b>
	Salt	<b>INC</b>