



**GREAT HEART SEED**

**GT-452CLL**

Mid Group IV



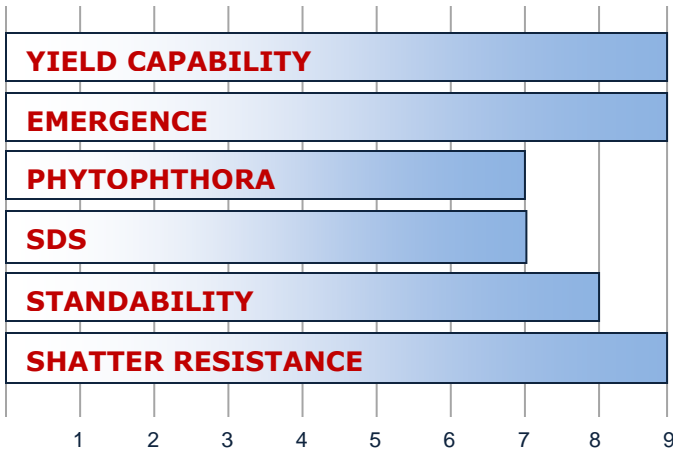
**GT-452CLL** has a huge area it covers with top performance. With high yields from the mid-west through the Delta and on out to the east coast this is the Liberty to plant. Its adaptability is due in part to its strong emergence and broad canopy. The performance is carried further by its strong disease ratings.

**KEY STRENGTHS**

- Performance over a wide range of conditions
- Wide canopy profile
- Rapid emergence
- Strong southern disease protection
- Charcoal rot protection


**MANAGEMENT TIPS**


- Very high yield potential
- Very versatile & adaptable
- Good choice for glyphosate resistant weeds





- 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>Liberty</b>

Plant Description		
	Plant Height	<b>39"</b>
	Canopy Type	<b>MB</b>
	Pubescence Color	<b>Lt</b>
	Flower Color	<b>P/W</b>
	Hilum Color	<b>BL</b>
	Approximate Seeds / lb.	<b>2800</b>

Production Ratings		
	Emergence Rating	<b>9</b>
	Standability	<b>8</b>
	No-Till Adaption	<b>7</b>
	Iron Chlorosis	<b>NA</b>
	Shatter resistance	<b>9</b>

Population Guidelines		
	Drill Adapted	<b>8</b>
	Drilled	<b>195,000</b>
	15" Rows	<b>170,000</b>
	20" Rows	<b>160,000</b>
	30" Rows	<b>140,000</b>

Disease & Insect Ratings		
  	Phytophthora Resistance	<b>S</b>
	Phytophthora Tolerance	<b>8</b>
	SCN Resistance	<b>R3,MR14</b>
	SDS Tolerance	<b>8</b>
	White Mold	<b>NA</b>
	Charcoal Rot	<b>8</b>
	Frog Eye Leaf Spot	<b>7</b>
	Southern Stem Canker	<b>8</b>
	Root Knot Nematode	<b>8</b>
	Salt	<b>INC</b>