



**GREAT HEART SEED**

**GT-5076ES**

Early Group V



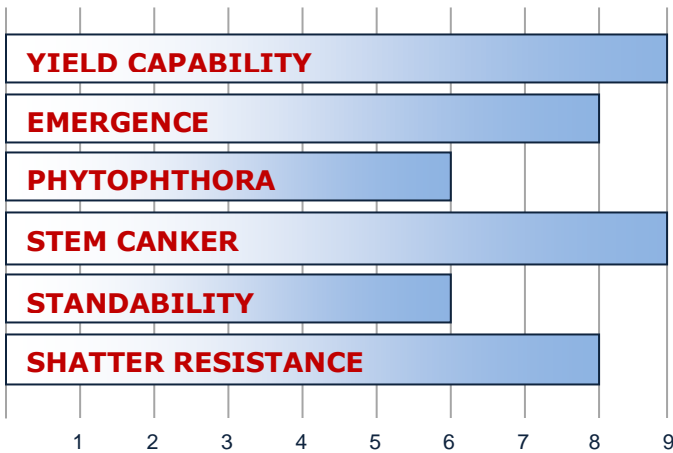
**GT-5076ES** A line that really rings the bell in the Delta, Mid-south. Its yield is really impressive and carries that strength onto the more challenging soils as well. It has the height you need for clays. The Stem Canker and Frog Eye protection add consistency. Of course, the Enlist herbicide program is a real benefit too.

**KEY STRENGTHS**

- Yielder with durability
- Strong emergence
- Stem Canker resistant
- Handles clay soils
- Enlist herbicide tolerance

**MANAGEMENT TIPS**

- Good choice for tough conditions but still need top end yield
- Early growth is better than most
- Handles various populations
- Avoid known Rot 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>5.0</b>       |
|                      | Herbicide Tolerance     | <b>Enlist E3</b> |

| Plant Description       | General Characteristics |            |
|-------------------------|-------------------------|------------|
|                         | Plant Height            | <b>43"</b> |
|                         | Canopy Type             | <b>MS</b>  |
|                         | Pubescence Color        | <b>G</b>   |
|                         | Flower Color            | <b>W</b>   |
|                         | Hilum Color             | <b>BF</b>  |
| Approximate Seeds / lb. | <b>2800</b>             |            |

| Production Ratings | General Characteristics |           |
|--------------------|-------------------------|-----------|
|                    | Emergence Rating        | <b>8</b>  |
|                    | Standability            | <b>6</b>  |
|                    | No-Till Adaption        | <b>7</b>  |
|                    | Iron Chlorosis          | <b>NA</b> |
| Shatter resistance | <b>8</b>                |           |

| Population Guidelines | General Characteristics |                |
|-----------------------|-------------------------|----------------|
|                       | Drill Adapted           | <b>8</b>       |
|                       | Drilled                 | <b>180,000</b> |
|                       | 15" Rows                | <b>160,000</b> |
|                       | 20" Rows                | <b>150,000</b> |
| 30" Rows              | <b>135,000</b>          |                |

| Disease & Insect Ratings | General Characteristics |                |
|--------------------------|-------------------------|----------------|
|                          | Phytophthora Resistance | <b>S</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>              |                |