



GREAT HEART SEED

GT-4522E

Mid Group IV



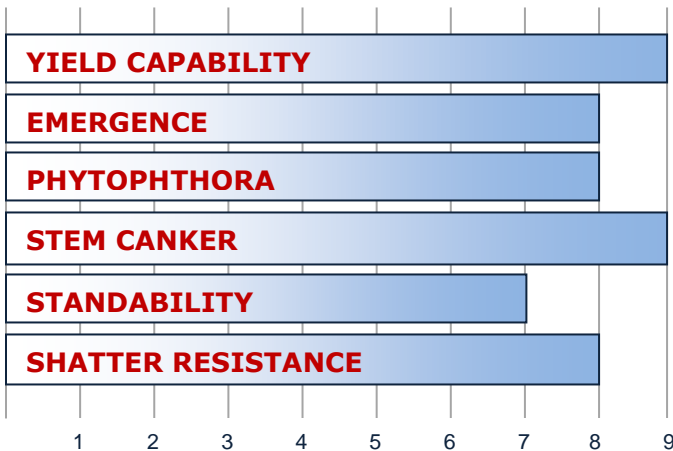
GT-4522E is a variety you plant because it always comes up with yields. It posted impressive yields from the lower Midwest and through the South. This line is moderate in size and carries the A gene for phytophthora and is resistant to Stem Canker. It has very good tolerance to Frogeye and SDS.

KEY STRENGTHS

Has a wide area of adaptation
Strong phytophthora protection
High yields across mid IV areas
Enlist herbicide tolerance

MANAGEMENT TIPS

Great choice for hard to control weeds
Can handle soil variations
No need to over-populate
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	IV
	Relative Maturity	4.5
	Herbicide Tolerance	Enlist E3

Plant Description	General Characteristics	
	Plant Height	41"
	Canopy Type	M
	Pubescence Color	G
	Flower Color	P
	Hilum Color	IB
Approximate Seeds / lb.	2800	

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

Population Guidelines	General Characteristics	
	Drill Adapted	7
	Drilled	180,000
	15" Rows	160,000
	20" Rows	150,000
30" Rows	135,000	

Disease & Insect Ratings	General Characteristics	
	Phytophthora Resistance	1A
	Phytophthora Tolerance	7
	SCN Resistance	R3,MR14
	SDS Tolerance	8
	Charcoal Rot	NA
	Brown Stem Rot	S
	Frog Eye Leaf Spot	8
	Stem Canker	R
	Root Knot Nematode	S
	Salt	INC