

# e4510S

Non-GMO Soybean Variety



## Maturity 4.5

- High yield potential with STS® trait
- Resistant to frogeye leaf spot
- Resistant to SCN, R3 & MR14
- Tall plant type with excellent standability

Variety Characteristics*	
Plant Height	Med Tall
Plant Type	Med Bushy
Row Width	All
Standability	2.2
Flower Color	Purple
Pubescence	Tawny
Pod Color	Brown
Hilum Color	Black
Approx. seeds/lb.	3,200

Disease & Pest Ratings*	
Phytophthora Gene	Rps1c
Phytophthora Tolerance	2.2
Soybean Cyst Nematode	R3, MR14
Brown Stem Rot	N/A
Sudden Death Syndrome	1.7
Iron Deficiency Chlorosis	N/A
Frogeye Leaf Spot	2.0

\*1 - 5 rating with 1 being Excellent; R = resistant; MR = moderately resistant; S = susceptible

Value Added Characteristics**	
Protein	42.5%
Oil	21.8%

\*\*Protein and oil values are reported on a dry weight basis (DWB). Environmental conditions may cause protein and oil composition to fluctuate.

2010 Yield Data				
Variety	IL	IN/OH	MD/PA	Overall
<b>eMerge e4510S</b>	<b>54.5</b>	<b>51.0</b>	<b>61.9</b>	<b>55.4</b>
Pioneer P94Y01	53.1	54.3	62.8	56.0
eMerge e4310S	53.1	53.3	57.1	53.6
eMerge 448F.HPC	43.0	45.2	51.8	45.6
Pioneer P93B82	44.7	53.3	61.7	51.4

2009 Yield Data							15 LOC Mean
Variety	IL	IN	MD	MO	OH	VA	
<b>eMerge e4510S</b>	<b>54.8</b>	<b>56.3</b>	<b>62.8</b>	<b>52.8</b>	<b>56.1</b>	<b>57.7</b>	<b>56.6</b>
Pioneer P94Y01	52.6	65.5	62.0	51.9	57.4	49.9	56.2
eMerge 435.TCS	50.1	55.3	53.3	54.3	51.7	57.0	52.5
eMerge 448F.HPC	47.7	51.6	55.0	34.5	52.3	50.3	48.4
Pioneer P93B82	48.2	47.4	52.7	34.0	52.2	50.3	47.5



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