



Transforming Soybeans

2023 **DONMARIO™**
MIDSOUTH
Product Guide

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Farmers need products that prioritize their needs and set high benchmarks for high-yielding genetics, and DONMARIO provides just that.

DONMARIO is an independent soybean brand who partners with independent seed companies to provide fresh options in soybean seed genetics for American farmers! In fact, DONMARIO is one of the only independent seed companies in the U.S. with their own breeding program and exclusive genetics.

DONMARIO's exclusive genetics and choice of traits demonstrate a robust opportunity to partner with independent seed distributors and bring better soybeans to farmers. We look forward to you becoming familiar with DONMARIO, an independent brand that represents access to superior soybeans.

DONMARIO began as a small family business in 1982, by two brothers, the Bartolomés, who wanted better soybeans for their fields. Since launching in 1982, DONMARIO grew quickly and soon earned its reputation as a brand that seeks better soybean genetics and soybean management practices for soybean farmers. Independent testing trials, countless third-party evaluations, and most importantly, farmer's consistent success with DONMARIO's soybeans continue to drive DONMARIO's success today.

DONMARIO is a high-yielding soybean genetics authority with significant market share in six countries worldwide and is a leading brand in five of the seven largest soybean producing countries in the Americas. We sell over 16 million units of soybeans across the globe each year, making us a serious player in the global soybean market.

Genetic potential drives yield. Farmers who start with the most powerful seed genetics strengthen their opportunity for greater profitability. DONMARIO exists today to create the world's best soybean germplasm.

With 40 years in the soybean industry, DONMARIO is serious about soybeans, and we are grateful to partner with U.S. seed companies to deliver our high yielding soybean genetics to U.S. farms. We believe farmers will love all the qualities and options DONMARIO brings; exclusive genetics, top-notch soybeans, and a determination to continue bringing ever-better beans to American farmers.



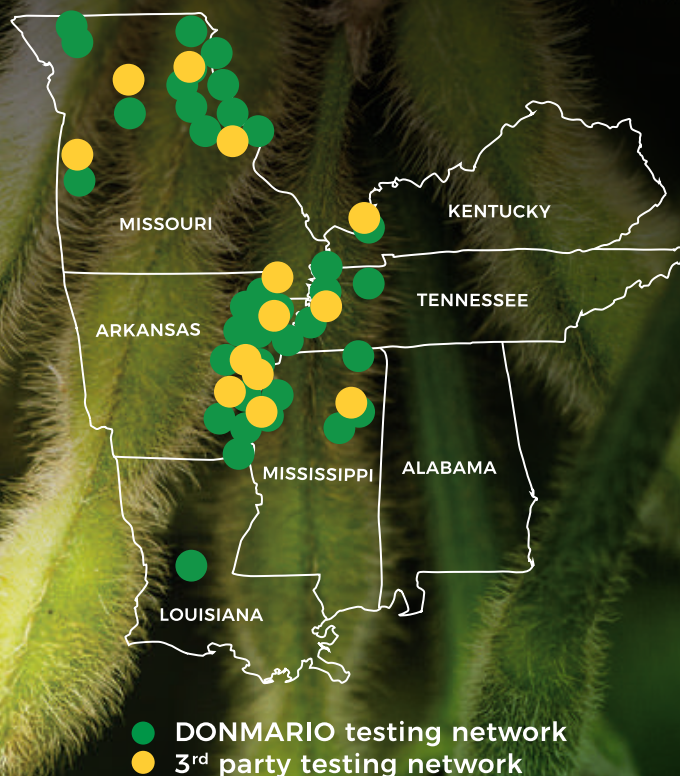
Excited to debut our 2023 product lineup!

The U.S. DONMARIO Testing Network

DONMARIO varieties are being developed and tested at over 150 research locations and over 500,000 test plots throughout the U.S.

Moreover, we have more than 120 large, strip trial locations across different environments in the U.S. We place these strip trials in low to high yield environments where we measure our commercial and experimental varieties against the best checks in the market.

In addition, we compare our varieties in other trials such as row spacing, planting dates, soil types, and many other factors so we can provide farmers with intelligent agronomic insight and recommendations.



14 Private testing locations

30 Third-party testing locations

DONMARIO varieties are being tested in over 40 locations throughout the Midsouth!

The DONMARIO path to higher yielding soybeans.

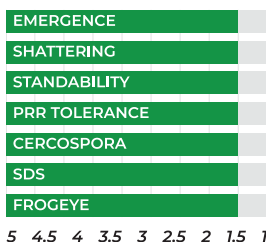
- 1.** Start with the **best genetics.**
- 2.** Create the **highest quality seed.**
- 3.** Protect yield with the **most advanced traits.**
- 4.** Optimize production **with intelligent agronomics.**

NEW

DM39E03

RELATIVE MATURITY 3.9

Pod Color	Brown
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	White
Seed size	3039
Plant Height	Medium
Rps Gene	Rps 1k
SCN	PI88788
Stem Canker	Resistant
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MT



PRODUCT HIGHLIGHTS

- ✓ Excels in high yielding environments
- ✓ In 40 DMMAS tests, has 1.1 and 1.3 Bu/a advantage over PG37E08 and PG39E08N respectively
- ✓ Medium plant height with good standability
- ✓ SCN resistant, Rps 1k, and very good SDS and frogeye

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM39E03 BU/A ADVANTAGE	ABILENE, KS	HILLSBORO, KS	MCFARLAND, KS	MORGANVILLE, KS	OTTAWA, KS	AURORA, NE	DELPHOS, OH	PEMBERTON, OH	TROY, OH	HARTFORD CITY, IN	ABILENE, KS	HORTON, KS	LAWRENCE, KS	MARSHAL, MO	ARCANUM, OH	PEMBERTON, OH	TROY, OH	URBANA, OH	WASHINGTON COURTHOUSE, OH
DM39E03	19	70.6	-	51.8	44.9	50.5	63.5	57.6	81.5	68.0	87.4	79.0	67.7	53.4	66.9	75.2	77.3	79.6	87.4	79.1	85.3	85.0
P41T07E	19	67.9	+2.7	49.9	42.4	47.5	61.0	53.4	79.0	65.5	82.4	71.3	65.3	52.8	68.0	73.1	82.0	77.2	84.1	72.9	80.2	81.8
E3 Check 3.9	19	69.5	+1.1	54.8	45.6	51.9	64.2	58.3	82.2	66.8	85.8	75.8	68.1	52.2	66.7	69.9	76.2	77.3	86.1	76.1	78.9	83.8
E3 Check 3.7	19	69.8	+0.8	54.2	45.5	50.2	66.3	58.2	82.1	67.4	86.9	74.3	68.7	55.9	66.6	70.1	74.5	75.4	86.5	73.9	85.2	84.4
E3 Check 4.1	19	71.4	-0.8	52.4	44.8	49.1	63.4	55.2	81.4	69.4	87.7	76.5	69.2	55.6	71.9	79.8	84.3	81.9	88.2	77.0	83.6	85.0
E3 Check 3.8	19	72.0	-1.4	54.1	46.5	55.4	65.1	59.2	83.1	69.2	87.4	78.1	71.7	55.2	72.3	74.9	83.2	77.9	87.8	78.5	82.8	85.8
AVERAGE	-	70.2	+0.4	52.9	44.9	50.8	63.9	57.0	81.6	67.7	86.3	75.8	68.4	54.2	68.7	73.8	79.6	78.2	86.7	76.2	82.7	84.3

Head-to-Head



Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM39E03 AVERAGE YIELD	DM39E03 BU/A ADVANTAGE	DM39E03 % YIELD ADVANTAGE	DM39E03 % OF WIN CASES
P41T07E	19	2021	67.9	70.6	+2.7	104.0%	89.0%
E3 Check 3.9	19	2021	69.5	70.6	+1.1	101.5%	63.0%
E3 Check 3.7	19	2021	69.8	70.6	+0.8	101.1%	63.0%
E3 Check 4.1	19	2021	71.4	70.6	-0.8	98.9%	47.0%
E3 Check 3.8	19	2021	72.0	70.6	-1.4	98.0%	31.0%

NEW

DM41E73

RELATIVE MATURITY 4.1

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Seed size	3489
Plant Height	Medium
Rps Gene	Rps 1k
SCN	PI88788
Stem Canker	Resistant
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MS

SERIOUS ABOUT SOYBEANS

PRODUCT HIGHLIGHTS

- Great adaptation from the Eastern Corn Belt all the way to the plains
- Strong yields with added advantage in lower productivity situations
- Med to med-short plant with avg eye appeal. Excellent lodging scores
- SCN, SDS & PRR 1k

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM41E73 BU/A ADVANTAGE	TROY, OH	WASHINGTON COURTHOUSE, OH	HENDERSON, KY	LAWRENCE, KS	MARSHAL, MO
DM41E73	5	80.4	-	76.2	85.4	83.2	75.6	81.6
E3 Check 3.7	5	76.3	+4.1	73.9	84.4	78.8	70.1	74.5
E3 Check 3.9	5	76.7	+3.7	76.1	83.8	77.6	69.9	76.2
P41T07E	5	77.8	+2.6	72.9	81.8	79.3	73.1	82.0
E3 Check 4.2	5	80.0	+0.4	80.2	84.4	78.9	74.5	81.8
E3 Check 4.3	5	80.4	0.0	77.1	87.0	80.6	74.5	82.7
E3 Check 4.1	5	81.8	-1.4	77.0	85.0	82.8	79.8	84.3
AVERAGE	-	79.1	+1.3	76.2	84.5	80.2	73.9	80.4

Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM41E73 AVERAGE YIELD	DM41E73 BU/A ADVANTAGE	DM41E73 % YIELD ADVANTAGE	DM41E73 % OF WIN CASES
E3 Check 3.7	5	2021	76.3	80.4	+4.1	105.3%	100.0%
E3 Check 3.9	5	2021	76.7	80.4	+3.7	104.8%	100.0%
P41T07E	5	2021	77.8	80.4	+2.6	103.3%	80.0%
E3 Check 4.2	5	2021	80.0	80.4	+0.4	100.5%	60.0%
E3 Check 4.3	5	2021	80.4	80.4	+0.0	100.0%	40.0%
E3 Check 4.1	5	2021	81.8	80.4	-1.4	98.3%	40.0%

NEW

DM45E33S

RELATIVE MATURITY 4.5

Pod Color	● Tan
Pubescence Color	● Gray
Hilum Color	● Imperfect Black
Flower Color	● Purple
Growth Habit	Indeterminate
Seed size	3166
Plant Height	Medium Tall
Rps Gene	No gene
SCN	No gene
Stem Canker	Resistant
Salt Index	Excluder
Sulfonylurea Tolerance	Tolerant
Metribuzin Tolerance	MT

EMERGENCE	
SHATTERING	
STANDABILITY	
PRR TOLERANCE	
CERCOSPORA	
SDS	
FROGEYE	


DONMARIO™
 SEEDS
SERIOUS ABOUT SOYBEANS

5 4.5 4 3.5 3 2.5 2 1.5 1

PRODUCT HIGHLIGHTS

- ✓ New variety that is well adapted across planting dates and yield environments
- ✓ Solid performance and win rate against other mid 4 checks
- ✓ Medium plant height with excellent standability
- ✓ Good SDS and Frogeye scores
- ✓ STS tolerant and Salt Excluder

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM45E33S BU/A ADVANTAGE	DE WITT, 1, AR	DE WITT, 2, AR	JONESBORO, 1, AR	JONESBORO, 2, AR	MARION, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, 1, MS	CLEVELAND, 2, MS	HOLLANDALE, MS	MANTEE, MS	PORTAGEVILLE, 1, MO	PORTAGEVILLE, 2, MO	LAKE PROVIDENCE, LA
DM45E33S	14	76.5	-	76.0	64.0	85.7	89.1	63.0	69.5	69.6	72.5	84.3	81.5	82.1	76.9	77.1	79.3
E3 Check 4.6 A	14	71.0	+5.5	73.4	59.1	83.7	87.1	57.8	73.1	57.3	65.4	72.9	69.5	78.1	71.4	72.8	72.9
P49T62E	14	73.6	+2.9	78.1	64.1	80.8	82.2	58.3	76.6	65.0	68.2	78.2	75.7	77.7	71.8	72.9	80.6
E3 Check 4.6 A	14	74.9	+1.6	76.9	63.9	82.4	86.4	61.6	70.1	69.2	71.0	82.7	77.6	80.7	73.0	74.3	78.7
E3 Check 4.7 B	14	76.1	+0.4	78.7	65.4	82.9	87.2	59.6	70.2	70.8	76.3	87.8	76.8	80.9	73.9	75.2	79.8
AG 46X0	14	78.2	-1.7	76.4	61.1	86.0	92.5	66.1	76.6	79.3	72.7	83.6	82.5	85.6	77.2	78.3	76.7
P48A60X	14	78.3	-1.8	82.1	71.8	89.2	91.5	59.4	75.3	64.2	73.7	83.3	81.7	80.2	82.0	79.3	82.2
AVERAGE	-	75.5	+1.0	77.4	64.2	84.4	88.0	60.8	73.1	67.9	71.4	81.8	77.9	80.8	75.2	75.7	78.6

Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM45E33S AVERAGE YIELD	DM45E33S BU/A ADVANTAGE	DM45E33S % YIELD ADVANTAGE	DM45E33S % OF WIN CASES
E3 Check 4.6	14	2021	71.0	76.5	+5.5	107.6%	92.0%
P49T62E	14	2021	73.6	76.5	+2.9	103.9%	71.0%
E3 Check 4.6	14	2021	74.9	76.5	+1.6	102.1%	85.0%
E3 Check 4.7	14	2021	76.1	76.5	+0.4	100.4%	50.0%
AG 46X0	14	2021	78.2	76.5	-1.7	97.8%	21.0%
P48A60X	14	2021	78.3	76.5	-1.8	97.7%	28.0%

DM51E62S

RELATIVE MATURITY 5.1

Pod Color	Brown
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	2570
Plant Height	Medium Tall
Rps Gene	Rps 1k
SCN	No gene
Stem Canker	Resistant
Salt Index	Excluder
Sulfonylurea Tolerance	Tolerant
Metribuzin Tolerance	MT

SERIOUS ABOUT SOYBEANS

EMERGENCE	5
SHATTERING	4.5
STANDABILITY	4
PRR TOLERANCE	3.5
CERCOSPORA	3
SDS	2.5
FROGEYE	2

PRODUCT HIGHLIGHTS

- ✓ Performs best on sandy loam and silty clay soils, but flexible on all soil types
- ✓ Consistent yield performance on productive soils
- ✓ Medium-tall plant type with strong standability
- ✓ Good frog eye and SDS scores
- ✓ STS and Salt Index Excluder

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM51E62S BU/A ADVANTAGE	DE WITT, AR	JONESBORO, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MANTEE, MS	LAKE PROVIDENCE, LA	PORTAGEVILLE, MO	DEWITT, AR	REYDELL, AR	CLEVELAND, MS	ALEXANDRIA, LA
DM51E62S	13	72.0	-	68.3	78.5	66.5	67.3	85.8	76.5	73.7	76.3	67.9	63.6	67.7	81.1	62.8
E3 Check 5.1	13	67.2	+4.8	66.8	73.2	59.2	58.3	73.1	66.1	77.0	74.5	66.9	63.0	64.9	69.3	61.0
P53T90E	13	71.6	+0.4	71.5	81.8	66.4	63.1	77.5	75.9	79.8	74.5	68.4	68.0	69.8	74.0	59.7
P49T62E	13	74.7	-2.7	78.1	80.8	76.6	65.0	78.2	75.7	77.7	80.6	71.8	74.9	71.2	75.1	64.9
AVERAGE	-	71.4	+0.6	71.2	78.6	67.2	63.4	78.6	73.6	77.1	76.5	68.8	67.4	68.4	74.9	62.1

Head-to-Head

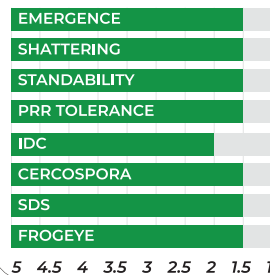
Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM51E62S AVERAGE YIELD	DM51E62S BU/A ADVANTAGE	DM51E62S % YIELD ADVANTAGE	DM51E62S % OF WIN CASES
E3 Check 5.1	13	2021	67.2	72.0	+4.8	107.2%	92.0%
P53T90E	13	2021	71.6	72.0	+0.4	100.6%	53.0%
P49T62E	13	2021	74.7	72.0	-2.7	96.4%	30.0%

NEW

DM43F03

RELATIVE MATURITY 4.3

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Buff
Flower Color	White
Growth Habit	Indeterminate
Seed size	2937
Plant Height	Medium
Rps Gene	Rps 1k
SCN	PI88788
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MT


SERIOUS ABOUT SOYBEANS

PRODUCT HIGHLIGHTS

- ✓ Good standing light tawny / tan plant with medium height
- ✓ SCN and SC resistance along with Rps1k for PRR
- ✓ Performs well in AR and MS and north into TN and KY

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM43F03 BU/A ADVANTAGE	DE WITT, AR	DE WITT, AR	JONESBORO, AR	JONESBORO, AR	KEISER, AR	LAKE VILLAGE, AR	MARION, AR	NEWPORT, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MATTHEWS, MO	PORTAGEVILLE, MO	PORTAGEVILLE, MO	MURRAY, KY	LAKE PROVIDENCE, LA
DM43F03	17	79.0	-	78.4	65.8	83.2	88.5	68.8	106.8	64.6	84.4	74.4	71.1	84.2	81.0	68.9	78.8	79.0	81.6	84.4
AG40XF0	17	75.2	+3.8	77.7	65.4	77.8	79.7	61.2	107.8	62.5	76.9	72.7	71.5	81.9	80.1	64.4	72.0	74.5	73.2	79.5
AG47XF0	17	78.7	+0.3	81.2	68.7	87.2	91.5	66.5	104.6	64.8	84.7	78.3	72.2	84.2	81.8	71.2	75.9	77.6	70.3	77.8
AG45XF0	17	80.4	-1.4	76.3	68.2	84.1	89.3	66.8	104.3	71.0	85.9	73.5	77.0	85.1	83.3	75.0	78.7	79.7	76.2	92.0
AVERAGE	-	78.3	+0.7	78.4	67.0	83.1	87.3	65.8	105.9	65.7	83.0	74.7	72.9	83.8	81.6	69.9	76.4	77.7	75.3	83.4

Head-to-Head

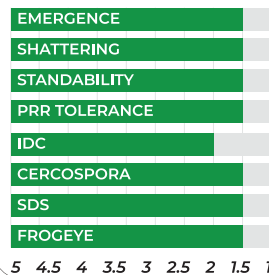
Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM43F03 AVERAGE YIELD	DM43F03 BU/A ADVANTAGE	DM43F03 % YIELD ADVANTAGE	DM43F03 % OF WIN CASES
AG40XF0	17	2021	75.2	79.0	+3.8	105.1%	88.0%
AG47XF0	17	2021	78.7	79.0	+0.3	100.4%	41.0%
AG45XF0	17	2021	80.4	79.0	-1.4	98.4%	35.0%

NEW

DM45F23

RELATIVE MATURITY 4.5

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3094
Plant Height	Medium Tall
Rps Gene	Rps 1a
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MS



SERIOUS ABOUT SOYBEANS

PRODUCT HIGHLIGHTS

- ✓ Adaptable new line that has a place on every farm!
- ✓ In 59 DMMAS locations, 2.3 Bu/A advantage over primary competitor checks in 2021 and 2020 seasons
- ✓ Medium tall variety with good standability and eye appeal
- ✓ Steam Canker resistant, very good frogeye and SDS score
- ✓ High yielding variety

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM45F23 BU/A ADVANTAGE	DE WITT, AR	DE WITT, AR	JONESBORO, AR	JONESBORO, AR	KEISER, AR	LAKE VILLAGE, AR	MARION, AR	NEWPORT, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MATTHEWS, MO	PORTAGEVILLE, MO	PORTAGEVILLE, MO	MURRAY, KY	LAKE PROVIDENCE, LA
DM45F23	17	80.8	-	77.4	65.8	89.4	93.6	69.5	103.9	70.3	83.0	73.9	76.4	85.8	85.5	77.6	81.2	83.0	72.9	85.2
AG47XF0	17	77.3	+3.5	79.9	67.4	87.4	90.4	65.0	101.6	63.4	83.2	77.0	71.1	82.9	80.6	69.4	74.8	76.2	67.5	76.9
AG 46X6	17	78.6	+2.2	78.9	68.8	87.2	91.9	65.9	102.4	65.9	78.3	73.2	78.7	83.0	80.5	72.8	76.3	77.0	74.4	81.5
AG 46X0	17	78.7	+2.1	76.4	61.1	86.0	92.5	67.4	102.5	66.1	84.5	76.6	79.3	83.6	82.5	72.4	77.2	78.3	75.4	76.7
AG45XF0	17	79.5	+1.3	75.3	67.2	84.5	88.6	65.7	103.6	69.8	85.1	72.6	76.2	84.2	82.6	74.1	77.9	78.8	74.3	91.1
AVERAGE	-	79.0	+1.8	77.6	66.1	86.9	91.4	66.7	102.8	67.1	82.8	74.6	76.3	83.9	82.3	73.2	77.5	78.7	72.9	82.3

Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM45F23 AVERAGE YIELD	DM45F23 BU/A ADVANTAGE	DM45F23 % YIELD ADVANTAGE	DM45F23 % OF WIN CASES
AG47XF0	17	2021	77.3	80.8	+3.5	104.5%	76.0%
AG 46X6	17	2021	78.6	80.8	+2.2	102.8%	76.0%
AG 46X0	17	2021	78.7	80.8	+2.1	102.7%	76.0%
AG45XF0	17	2021	79.5	80.8	+1.3	101.7%	76.0%

NEW

DM48F53

RELATIVE MATURITY 4.8

Pod Color	Tan
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3292
Plant Height	Medium
Rps Gene	Rps 1k
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MS

EMERGENCE

SHATTERING

STANDABILITY

PRR TOLERANCE

IDC

CERCOSPORA

SDS

FROGEYE

5

4.5

4

3.5

3

2.5

2

1.5

1

SERIOUS ABOUT SOYBEANS

PRODUCT HIGHLIGHTS

- ✓ Versatile new line that performs on every farm!
- ✓ During 2020 and 2021 seasons across 55 DMMAS locations outyield all check XF in its MG
- ✓ Medium plant type with very good standability
- ✓ Stem canker resistance, very good frogeye and SDS score
- ✓ Bush phenotype with good eye appeal scores

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM48F53 BU/A ADVANTAGE	DE WITT, AR	JONESBORO, AR	JONESBORO, AR	KEISER, AR	LAKE VILLAGE, AR	MARION, AR	NEWPORT, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MATTHEWS, MO	PORTAGEVILLE, MO	PORTAGEVILLE, MO	MURRAY, KY	LAKE PROVIDENCE, LA
DM48F53	16	77.0	-	61.8	86.6	89.2	66.9	104.3	68.0	79.8	71.5	73.2	86.2	76.9	68.8	72.0	73.3	71.7	81.0
AG47XF0	16	77.2	-0.2	67.4	87.4	90.4	65.0	101.6	63.4	83.2	77.0	71.1	82.9	80.6	69.4	74.8	76.2	67.5	76.9
AG51XF0	16	77.2	-0.2	59.7	90.8	96.9	62.5	105.0	65.2	82.4	77.6	70.2	75.4	75.7	72.8	76.0	76.1	70.8	78.4
AG 46X6	16	78.6	-1.6	68.8	87.2	91.9	65.9	102.4	65.9	78.3	73.2	78.7	83.0	80.5	72.8	76.3	77.0	74.4	81.5
AVERAGE	-	77.5	-0.5	64.4	88.0	92.1	65.1	103.3	65.6	80.9	74.8	73.3	81.9	78.4	70.9	74.8	75.6	71.1	79.4

Head-to-Head

variety	LOCATIONS	SEASON	AVERAGE YIELD	AVERAGE YIELD	BU/A ADVANTAGE	% YIELD ADVANTAGE	% OF WIN CASES
AG47XF0	16	2021	77.2	77.0	-0.2	99.7%	43.0%
DM45F23	AVERAGE						
DM45F23	AVERAGE						
DM45F23	AVERAGE						
DM45F23	AVERAGE						

DM51F62S

RELATIVE MATURITY 5.1

Pod Color	Brown
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	2259
Plant Height	Medium
Rps Gene	Rps 1k
SCN	No gene
Stem Canker	Resistant
Salt Index	Excluder
Sulfonylurea Tolerance	Tolerant
Metribuzin Tolerance	T

SERIOUS ABOUT SOYBEANS

EMERGENCE	5
SHATTERING	4.5
STANDABILITY	4
PRR TOLERANCE	3.5
IDC	3
CERCOSPORA	2.5
SDS	2
FROGEYE	1.5

PRODUCT HIGHLIGHTS

- ✓ Performs best when planted early in high yield environments on loam soils
- ✓ Strong competitor against comparable Xtend and XtendFlex checks
- ✓ Medium tall plant type with great eye appeal
- ✓ Stem Canker resistance
- ✓ STS and Salt Index Excluder

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM51F62S BU/A ADVANTAGE	DE WITT, AR	DE WITT, AR	JONESBORO, AR	JONESBORO, AR	KEISER, AR	LAKE VILLAGE, AR	MARION, AR	NEWPORT, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MATTHEWS, MO	PORTAGEVILLE, MO	PORTAGEVILLE, MO	MURRAY, KY	LAKE PROVIDENCE, LA
DM51F62S	17	76.7	-	75.8	66.7	85.8	90.8	63.7	106.1	64.3	81.7	69.1	71.0	85.2	77.3	69.0	72.6	73.1	71.5	80.1
AG51XF0	17	76.8	-0.1	69.3	59.7	90.8	96.9	62.5	105.0	65.2	82.4	77.6	70.2	75.4	75.7	72.8	76.0	76.1	70.8	78.4
AG47XF0	17	77.3	-0.6	79.9	67.4	87.4	90.4	65.0	101.6	63.4	83.2	77.0	71.1	82.9	80.6	69.4	74.8	76.2	67.5	76.9
AG 46X6	17	78.6	-1.9	78.9	68.8	87.2	91.9	65.9	102.4	65.9	78.3	73.2	78.7	83.0	80.5	72.8	76.3	77.0	74.4	81.5
AVERAGE	-	77.3	-0.7	76.0	65.6	87.8	92.5	64.2	103.8	64.7	81.4	74.2	72.8	81.7	78.5	71.0	74.9	75.6	71.1	79.2

Head-to-Head

variety	LOCATIONS	SEASON	AVERAGE YIELD	variety	SEASON	AV	AVERAGE YIELD	BU/A ADVANTAGE	% YIELD ADVANTAGE	% OF WIN CASES
AG51XF0	17	2021	76.8	DM51F62S	2021	AV	76.7	-0.1	99.9%	52.0%
AG47XF0	17	2021	77.3	DM51F62S	2021	AV	76.7	-0.6	99.2%	55.0%
AG 46X6	17	2021	78.6	DM51F62S	2021	AV	76.7	-1.9	97.5%	17.0%

DM45X61S

RELATIVE MATURITY 4.5

Pod Color	Brown
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3250
Plant Height	Medium Tall
Rps Gene	No gene
SCN	PI88788
Stem Canker	Resistant
Salt Index	Excluder
Sulfonyrea Tolerance	Tolerant
Metribuzin Tolerance	MS

SERIOUS ABOUT SOYBEANS

EMERGENCE	5
SHATTERING	4.5
STANDABILITY	4
PRR TOLERANCE	3.5
IDC	3
CERCOSPORA	2.5
SDS	2
FROGEYE	1.5

PRODUCT HIGHLIGHTS

- ✓ MDS: Best on silty clay soils in low - med productivity
- ✓ Outperformed the best competitor checks across the East Coast
- ✓ Medium tall plant type with strong standability
- ✓ Strong defense against SDS and Frogeye
- ✓ Salt Index Excluder

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM45X61S BU/A ADVANTAGE	DE WITT, AR	DE WITT, AR	JONESBORO, AR	JONESBORO, AR	KEISER, AR	LAKE VILLAGE, AR	MARION, AR	NEWPORT, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MATTHEWS, MO	PORTAGEVILLE, MO	PORTAGEVILLE, MO	MURRAY, KY	LAKE PROVIDENCE, LA
DM45X61S	17	81.4	-	83.7	69.4	88.1	90.7	71.5	104.5	70.1	86.8	77.4	75.0	86.5	84.7	75.2	79.6	80.1	76.3	84.7
AG47XF0	17	77.3	+4.1	79.9	67.4	87.4	90.4	65.0	101.6	63.4	83.2	77.0	71.1	82.9	80.6	69.4	74.8	76.2	67.5	76.9
AG 46X6	17	78.6	+2.8	78.9	68.8	87.2	91.9	65.9	102.4	65.9	78.3	73.2	78.7	83.0	80.5	72.8	76.3	77.0	74.4	81.5
AG 46X0	17	78.7	+2.7	76.4	61.1	86.0	92.5	67.4	102.5	66.1	84.5	76.6	79.3	83.6	82.5	72.4	77.2	78.3	75.4	76.7
P48A60X	17	79.0	+2.4	82.1	71.8	89.2	91.5	70.5	102.2	59.4	81.6	75.3	64.2	83.3	81.7	74.0	82.0	79.3	72.4	82.2
AG45XF0	17	79.5	+1.9	75.3	67.2	84.5	88.6	65.7	103.6	69.8	85.1	72.6	76.2	84.2	82.6	74.1	77.9	78.8	74.3	91.1
AVERAGE	-	79.1	+2.3	79.4	67.6	87.1	90.9	67.7	102.8	65.8	83.3	75.3	74.1	83.9	82.1	73.0	77.9	78.3	73.4	82.2

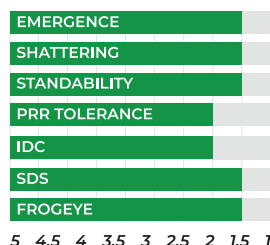
Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM45X61S AVERAGE YIELD	DM45X61S BU/A ADVANTAGE	DM45X61S % YIELD ADVANTAGE	DM45X61S % OF WIN CASES
AG47XF0	17	2021	77.3	81.4	+4.1	105.3%	100.0%
AG 46X6	17	2021	78.6	81.4	+2.8	103.6%	88.0%
AG 46X0	17	2021	78.7	81.4	+2.7	103.4%	88.0%
P48A60X	17	2021	79.0	81.4	+2.4	103.1%	76.0%
AG45XF0	17	2021	79.5	81.4	+1.9	102.4%	88.0%

DM51X61

RELATIVE MATURITY 5.1

Pod Color	Tan
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	2820
Plant Height	Medium Tall
Rps Gene	No gene
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonyrea Tolerance	Susceptible
Metribuzin Tolerance	MS



**SERIOUS
ABOUT
SOYBEANS**

PRODUCT HIGHLIGHTS

- ✓ Performs best in high yielding clay and silty loam soil types
- ✓ Outstanding, high yielding variety
- ✓ Excellent emergence and standability scores
- ✓ Strong defense against SDS and Frogeye
- ✓ Bush phenotype

Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM51X61 BU/A ADVANTAGE	DE WITT, AR	DE WITT, AR	JONESBORO, AR	JONESBORO, AR	KEISER, AR	LAKE VILLAGE, AR	MARION, AR	NEWPORT, AR	STUTTGART, AR	CLARKSDALE, MS	CLEVELAND, MS	HOLLANDALE, MS	MATTHEWS, MO	PORTAGEVILLE, MO	PORTAGEVILLE, MO	MURRAY, KY	LAKE PROVIDENCE, LA
DM51X61	17	77.7	-	72.7	60.6	87.3	92.0	64.8	103.0	64.8	84.0	74.0	74.5	89.5	79.4	71.4	73.8	73.6	73.8	81.1
AG51XF0	17	76.8	+0.9	69.3	59.7	90.8	96.9	62.5	105.0	65.2	82.4	77.6	70.2	75.4	75.7	72.8	76.0	76.1	70.8	78.4
AG47XF0	17	77.3	+0.4	79.9	67.4	87.4	90.4	65.0	101.6	63.4	83.2	77.0	71.1	82.9	80.6	69.4	74.8	76.2	67.5	76.9
AG 46X6	17	78.6	-0.9	78.9	68.8	87.2	91.9	65.9	102.4	65.9	78.3	73.2	78.7	83.0	80.5	72.8	76.3	77.0	74.4	81.5
AVERAGE	-	77.6	+0.1	75.2	64.1	88.2	92.8	64.5	103.0	64.8	82.0	75.4	73.6	82.7	79.1	71.6	75.2	75.7	71.6	79.5

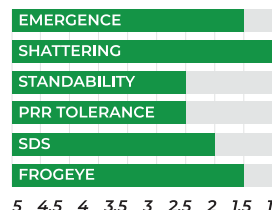
Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM51X61 AVERAGE YIELD	DM51X61 BU/A ADVANTAGE	DM51X61 % YIELD ADVANTAGE	DM51X61 % OF WIN CASES
AG51XF0	17	2021	76.8	77.7	+0.9	101.2%	52.0%
AG47XF0	17	2021	77.3	77.7	+0.4	100.4%	52.0%
AG 46X6	17	2021	78.6	77.7	-0.9	98.8%	35.0%

DM52X62

RELATIVE MATURITY 5.2

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Buff
Flower Color	White
Growth Habit	Indeterminate
Plant Height	Tall
Rps Gene	No gene
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonyrea Tolerance	Tolerant



**SERIOUS
ABOUT
SOYBEANS**

PRODUCT HIGHLIGHTS

- ✓ Tall early 5 with excellent width
- ✓ Stem canker resistance with good tolerance
- ✓ STS Stacked
- ✓ Tends to perform well in MS and East Coast region

Yield Summary

VARIETY	AVERAGE YIELD	DM52X62 BU/A ADVANTAGE	MID SOUTH					W
			AR	KY	LA	MO	MS	KS
# of Locations	26 Locations		10	1	2	1	6	5
DM52X62	71.1	-	70.9	71.9	76.0	71.5	60.2	69.7
5.4 Xtend Check	69.8	+1.3	71.9	71.9	73.6	72.5	63.5	69.2
5.1 Xtend Check	70.3	+0.8	73.8	72.5	79.6	70.3	58.3	65.7
5.5 Xtend Check	70.8	+0.3	73.7	73.2	78.4	70.0	61.1	62.2
AG49X9	73.3	-2.2	76.9	79.4	78.3	73.9	65.2	60.3
AG 52X9	74.2	-3.1	77.3	79.0	78.6	77.8	67.6	66.2
AVERAGE	71.7	-0.6	74.1	75.9	77.4	72.6	62.7	65.6

Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM52X62 AVERAGE YIELD	DM52X62 BU/A ADVANTAGE	DM52X62 % YIELD ADVANTAGE	DM52X62 % OF WIN CASES
5.4 Xtend Check	31	2019	69.8	71.1	+1.3	101.9%	48.0%
5.1 Xtend Check	31	2019	70.3	71.1	+0.9	101.3%	51.0%
5.5 Xtend Check	31	2019	70.8	71.1	+0.3	100.4%	41.0%
AG49X9	31	2019	73.3	71.1	-2.2	97.0%	35.0%
AG 52X9	31	2019	74.2	71.1	-3.1	95.9%	38.0%



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Seeds containing the Enlist, Herculex and PowerCore traits are protected under one or more U.S. patents which can be found at: www.traitstewardship.com. The purchase of these seed traits include a limited license to produce a single crop in the United States. The use of seed from such a crop or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements. To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

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Roundup Ready 2 Xtend® soybeans and XtendFlex® Soybeans combined legals

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

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Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant seed from that crop. Examples of seed containing a patented trait include but are not limited to Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, XtendFlex® soybeans, Roundup Ready® spring canola, Roundup Ready® winter canola, and TruFlex™ canola with Roundup Ready® Technology. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Soybean Seed Piracy Statement: Roundup Ready 2 Yield® soybeans

Seed containing the Roundup Ready 2 Yield® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans. Additional information and limitations on the use of this product are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Soybean Seed Piracy Statement: Roundup Ready 2 Xtend® soybeans

Seed containing the Roundup Ready 2 Xtend® traits can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Xtend® soybeans. Additional information and limitations on the use of this product are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Soybean Seed Piracy Statement: XtendFlex® soybeans

Seed containing the XtendFlex® traits can only be used to plant a single commercial crop. It is unlawful to save and replant XtendFlex® soybeans. Additional information and limitations on the use of this product are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Soybean Seed Piracy Statement: Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

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