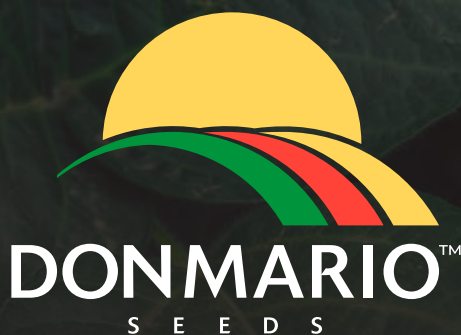


2022

Product Guide

MIDSOUTH





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.

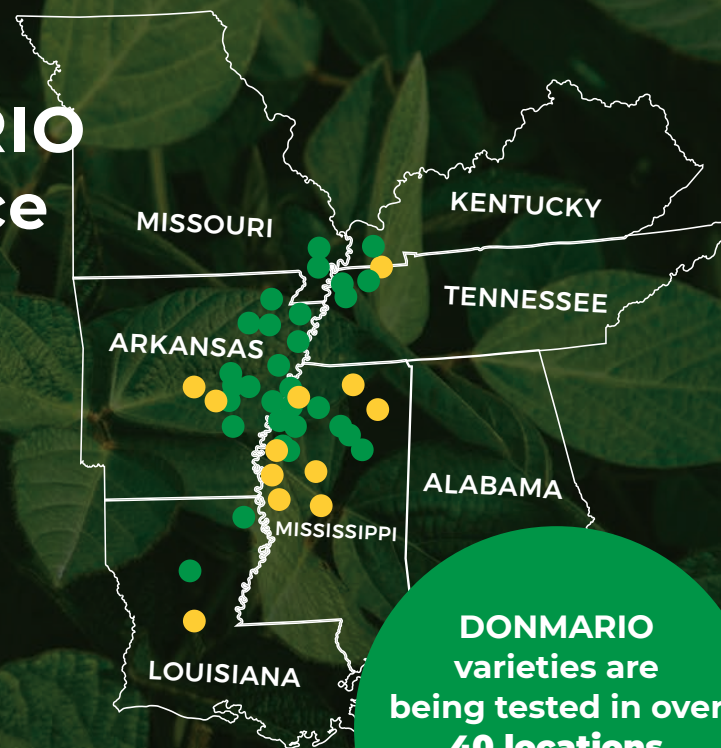
With almost 40 years in the soybean industry, DONMARIO is serious about soybeans, and we are grateful to partner with U.S. seed companies to deliver our high yielding soybean genetics to U.S. farms. We believe farmers will love all the qualities and options DONMARIO brings; exclusive genetics, top-notch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

DONMARIO is excited to debut our 2022 product lineup! We have several new varieties, bringing certain trait and RM's exclusively available through DONMARIO.

SERIOUS ABOUT SOYBEANS

Plant DONMARIO with confidence

● DONMARIO testing network
● 3rd party testing network



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

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.

The DONMARIO path to higher yielding soybeans.

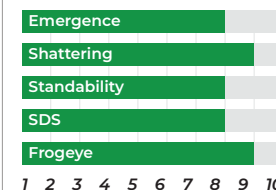
1. Start with the **best genetics.**
2. Create the **highest quality seed.**
3. Protect yield with the **most advanced traits.**
4. Optimize production **with intelligent agronomics.**

NEW

DM46E62

RELATIVE MATURITY 4.6

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3123
Plant Height	Medium
Rps Gene	Rps 1k
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	NA



**SERIOUS
ABOUT
SOYBEANS**

PRODUCT HIGHLIGHTS

- ✓ Performs best on rice ground
- ✓ Consistent high yielding variety across wide range of environments
- ✓ Medium plant type with outstanding standability
- ✓ Stem Canker resistance



MidSouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM46E62 Bu/A ADVANTAGE	CORNESTONE_1, AR	DE WITT 1, AR	DE WITT 2, AR	JONESBORO_1, AR	JONESBORO_2, AR	KEISER_1, AR	KEISER_2, AR	NEWPORT_1, AR	CLARKSDALE_1, MS	CLEVELAND_1, MS	CLEVELAND_2, MS	DYERSBURG_1, TN
DM46E62	12	68.5	-	58.4	75.2	64.1	85.1	81.1	60.0	58.9	84.4	71.0	59.5	55.6	68.0
DM48E73	12	63.4	+5.1	55.7	69.2	62.5	75.9	77.5	59.0	53.6	75.3	63.4	53.1	53.0	62.7
P 49T62E	12	66.4	+2.1	55.4	75.0	64.1	80.0	79.4	60.1	58.8	79.2	64.7	58.8	53.6	67.8
AVERAGE	-	66.1	+2.4	56.5	73.1	63.6	80.3	79.4	59.7	57.1	79.6	66.4	57.1	54.1	66.2

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM46E62 AVERAGE YIELD	DM46E62 Bu/A ADVANTAGE	DM46E62 % YIELD ADVANTAGE	DM46E62 % OF WIN CASES
DM 48E73	12	63.4	68.5	+5.1	108.0%	100.0%
P 49T62E	12	66.4	86.1	+2.1	103.1%	91.0%

NEW

DM48E62S

RELATIVE MATURITY 4.8

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	2793
Plant Height	Medium
Rps Gene	Rps 1k
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Tolerant
Metribuzin Tolerance	Very good

Emergence

Shattering

Standability

SDS

Frogeye

1

2

3

4

5

6

7

8

9

10

DONMARIO™
SEEDS

SERIOUS ABOUT SOYBEANS

PRODUCT HIGHLIGHTS

- ✓ Good feet for both cotton and rice ground/heavy ground
- ✓ Outyields P49T62E
- ✓ Metribuzin tolerance

NEW

DM51E62S

RELATIVE MATURITY 5.1

Pod Color	Buff
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	Very good

Emergence

Shattering

Standability

SDS

Frogeye

1

2

3

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DONMARIO™
SEEDS

SERIOUS ABOUT SOYBEANS

PRODUCT HIGHLIGHTS

- ✓ Performs best on peanut soils and silty clay soil, but flexible on all soil types
- ✓ Medium tall plant type with strong standability
- ✓ Very good defense against SDS
- ✓ Salt Index Excluder + Metribuzin Tolerance



Midsouth Region – Yield Summary															
VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM48E62S Bu/A ADVANTAGE	CORNESTONE_1, AR	DE WITT_1, AR	DE WITT_2, AR	JONESBORO_1, AR	JONESBORO_2, AR	KEISER_1, AR	KEISER_2, AR	NEWPORT_1, AR	CLARKSDALE_1, MS	CLEVELAND_1, MS	CLEVELAND_2, MS	DYERSBURG_1, TN
DM48E62S	12	67.5	-	55.0	72.7	62.3	85.0	79.8	60.9	59.2	83.2	70.1	60.1	55.6	65.9
DM48E73	12	63.4	+4.1	55.7	69.2	62.5	75.9	77.5	59.0	53.6	75.3	63.4	53.1	53.0	62.7
P 49T62E	12	66.4	+1.1	55.4	75.0	64.1	80.0	79.4	60.1	58.8	79.2	64.7	58.8	53.6	67.8
AVERAGE	-	65.8	+1.7	55.3	72.3	63.0	80.3	78.9	60.0	57.2	79.2	66.1	57.3	54.1	65.5

Head-to-Head – Yield Summary						
Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM48E62S AVERAGE YIELD	DM48E62S Bu/A ADVANTAGE	DM48E62S % YIELD ADVANTAGE	DM48E62S % OF WIN CASES
DM 48E73	12	63.4	67.5	+4.1	106.4%	83.0%
P 49T62E	12	66.4	67.5	+1.1	101.6%	66.0%

Midsouth Region – Yield Summary																
VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM51E62S Bu/A ADVANTAGE	CORNESTONE_1, AR	DE WITT 1, AR	DE WITT 2, AR	JONESBORO_1, AR	JONESBORO_2, AR	KEISER_1, AR	KEISER_2, AR	MARION_1, AR	NEWPORT_1, AR	CLARKSDALE_1, MS	CLEVELAND_1, MS	CLEVELAND_2, MS	DYERSBURG_1, TN
DM51E62S	13	66.7	-	55.8	71.3	63.1	83.3	78.4	58.1	57.2	68.6	82.4	67.1	59.3	55.8	66.3
DM48E73	13	63.5	+3.1	55.7	69.2	62.5	75.9	77.5	59.0	53.6	65.3	75.3	63.4	53.1	53.0	62.7
P 49T62E	13	66.4	+0.3	55.4	75.0	64.1	80.0	79.4	60.1	58.8	66.8	79.2	64.7	58.8	53.6	67.8
AVERAGE	-	65.6	+1.1	55.6	71.8	63.2	79.7	78.5	59.0	56.5	66.9	79.0	65.1	57.1	54.1	65.6

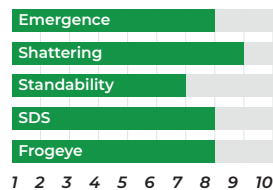
Head-to-Head – Yield Summary						
Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM51E62S AVERAGE YIELD	DM51E62S Bu/A ADVANTAGE	DM51E62S % YIELD ADVANTAGE	DM51E62S % OF WIN CASES
DM 48E73	13	63.6	66.7	+3.1	104.8%	92.0%
P 49T62E	13	66.4	66.7	+0.3	100.4%	53.0%

NEW

DM42F62

RELATIVE MATURITY 4.2

Pod Color	● Tan
Pubescence Color	● Light Tawny
Hilum Color	● Black
Flower Color	● White
Growth Habit	Indeterminate
Seed size	2925
Plant Height	Medium Tall
Rps Gene	No gene
SCN	PI88788
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	NA



**SERIOUS
ABOUT
SOYBEANS**

PRODUCT HIGHLIGHTS

- ✓ Very good performance across cotton-type loamy soils
- ✓ Outperforms the best Xtend checks in its RM
- ✓ Medium tall plant type with an average standability score
- ✓ Excellent disease package with SCN and Stem Canker resistance
- ✓ Strong SDS Score

NEW

DM46F62

RELATIVE MATURITY 4.6

Pod Color	● Brown
Pubescence Color	● Light Tawny
Hilum Color	● Black
Flower Color	● Purple
Growth Habit	Indeterminate
Seed size	2454
Plant Height	Medium Tall
Rps Gene	Rps 1k
SCN	PI88788
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	NA



**SERIOUS
ABOUT
SOYBEANS**

PRODUCT HIGHLIGHTS

- ✓ Flexible across all planting dates and both cotton + rice soil types
- ✓ Medium tall plant type with great standability
- ✓ Excellent SCN and SDS disease package

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM42F62 Bu/A ADVANTAGE	JONESBORO_1, AR	PADUCAH, KY	MATTHEWS_1, MO
DM42F62	3	72.1	-	86.5	64.4	65.4
AG 38X8	3	68.2	+3.9	82.7	58.8	63.2
DM39F51	3	68.6	+3.5	83.7	57.7	64.4
AG 43X0	3	71.8	+0.3	86.4	63.5	65.4
DM41P2X	3	72.6	-0.5	84.7	65.0	68.1
AVERAGE	-	70.7	+1.4	84.8	61.9	65.3

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM42F62 AVERAGE YIELD	DM42F62 Bu/A ADVANTAGE	DM42F62 % YIELD ADVANTAGE	DM42F62 % OF WIN CASES
AG 38X8	3	68.2	72.1	+3.9	105.7%	100.0%
DM39F51	3	68.6	72.1	+3.5	105.1%	100.0%
AG 43X0	3	71.8	72.1	+0.3	100.4%	100.0%
DM 41P2X	3	72.6	72.1	-0.5	99.3%	33.0%

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM46F62 Bu/A ADVANTAGE	CORNESTONE_1, AR	ORNESTONE_2, AR	DE WITT 1, AR	DE WITT 2, AR	JONESBORO_1, AR	JONESBORO_2, AR	KEISER_1, AR	KEISER_2, AR	NEWPORT_1, AR	CLARKSDALE_1, MS	CLEVELAND_1, MS	CLEVELAND_2, MS	MATTHEWS_1, MO	DYERSBURG_1, TN
DM46F62	14	71.3	-	65.7	65.7	75.9	69.8	91.7	79.4	72.5	62.8	73.5	78.6	68.1	50.1	68.3	75.5
DM45F61	14	67.7	+3.6	62.1	62.0	73.5	66.2	91.4	76.5	67.2	55.5	66.7	77.5	66.8	46.4	63.9	72.7
AG 46X6	14	72.7	-1.4	64.6	66.3	79.0	73.1	91.4	83.9	72.5	63.4	75.8	78.9	69.0	53.1	69.4	77.0
AVERAGE	-	70.6	+0.7	64.1	64.7	76.1	69.7	91.5	79.9	70.7	60.6	72.0	78.4	67.9	49.9	67.2	75.1

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM46F62 AVERAGE YIELD	DM46F62 Bu/A ADVANTAGE	DM46F62 % YIELD ADVANTAGE	DM46F62 % OF WIN CASES
DM 45F61	14	67.7	71.3	+3.6	105.3%	100.0%
AG 46X6	14	72.7	71.3	-1.4	98.0%	21.0%

DM48F61

RELATIVE MATURITY 4.8

Pod Color	Brown
Pubescence Color	Gray
Hilum Color	Buff
Flower Color	White
Growth Habit	Indeterminate
Seed size	3925
Plant Height	Medium Tall
Rps Gene	Rps 1a
SCN	PI88788
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	NA



SERIOUS
ABOUT
SOYBEANS

PRODUCT HIGHLIGHTS

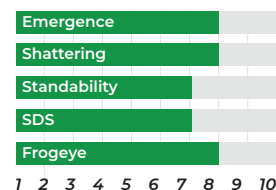
- Works on sandy cotton ground or heavy, poor-draining rice soils
- Medium-Tall variety with good standability
- Strong disease package

NEW

DM49F62S

RELATIVE MATURITY 4.9

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	NA



SERIOUS
ABOUT
SOYBEANS

PRODUCT HIGHLIGHTS

- Excluder, STS variety
- Performs best with an early planting date on silty loam soils and medium planting date on sandy loam soils
- Versatile player on both cotton or rice ground
- Strong competitor against competitors' main Xtend and XtendFlex varieties

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM48F61 Bu/A ADVANTAGE	CORNESTONE_1, AR	CORNESTONE_2, AR	DE WITT_1, AR	DE WITT_2, AR	JONESBORO_1, AR	JONESBORO_2, AR	KEISER_1, AR	KEISER_2, AR	MARION_1, AR	MARION_2, AR	NEWPORT_1, AR	NEWPORT_2, AR	STUTTGART_1, AR	STUTTGART_2, AR	CLARKSDALE_1, MS	CLARKSDALE_2, MS	CLEVELAND_1, MS	CLEVELAND_2, MS	MANTEE_1, MS	PADUCAH, KY	MATTHEWS_1, MO	DYERSBURG_1, TN
DM48F61	22	71.8	-	59.5	64.4	78.4	71.0	93.2	75.4	74.2	73.5	65.8	71.2	73.0	61.8	58.4	57.9	77.5	69.6	63.8	68.1	110.0	66.7	70.9	74.5
AG 46X6	22	75.0	-3.2	60.2	67.3	81.1	76.9	98.1	80.8	75.9	75.9	71.1	74.6	74.1	63.8	62.0	63.3	80.5	77.3	66.3	69.0	115.0	67.0	72.4	77.3
AVERAGE	-	73.4	-1.6	59.9	65.9	79.8	73.9	95.7	78.1	75.0	74.7	68.5	72.9	73.5	62.8	60.2	60.6	79.0	73.5	65	68.6	112.5	66.9	71.6	75.9

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM48F61 AVERAGE YIELD	DM48F61 Bu/A ADVANTAGE	DM48F61 % YIELD ADVANTAGE	DM48F61 % OF WIN CASES
AG 46X6	22	75.0	71.8	-3.2	95.7%	0.0%

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM49F62S Bu/A ADVANTAGE	CORNESTONE_1, AR	CORNESTONE_2, AR	DE WITT_1, AR	DE WITT_2, AR	JONESBORO_1, AR	JONESBORO_2, AR	KEISER_1, AR	KEISER_2, AR	MARION_1, AR	NEWPORT_1, AR	CLARKSDALE_1, MS	CLEVELAND_1, MS	CLEVELAND_2, MS	MATTHEWS_1, MO	DYERSBURG_1, TN
DM49F62S	15	70.5	-	66.1	65.4	73.5	72.7	94.4	77.9	76.1	61.2	64.0	73.4	74.4	66.3	48.0	67.9	76.2
AG 53X0	15	69.2	+1.3	66.6	67.6	70.7	63.4	94.6	78.1	70.7	62.0	63.3	71.9	72.1	65.9	47.8	66.8	76.9
DM48F61	15	70.9	-0.4	66.5	65.0	73.8	70.6	91.6	75.6	74.4	63.9	63.6	74.3	78.4	69.0	50.9	70.2	75.8
AG 46X6	15	72.1	-1.6	64.6	66.3	79.0	73.1	91.4	83.9	72.5	63.4	64.4	75.8	78.9	69.0	53.1	69.4	77.0
AVERAGE	-	70.7	-0.2	66.0	66.1	74.2	70.0	93.0	78.9	73.4	62.6	63.8	73.8	76.0	67.5	49.9	68.6	76.5

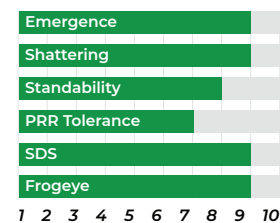
Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM49F62S AVERAGE YIELD	DM49F62S Bu/A ADVANTAGE	DM49F62S % YIELD ADVANTAGE	DM49F62S % OF WIN CASES
AG 53X0	15	69.2	70.5	+1.3	101.9%	60.0%
DM 48F61	15	70.9	70.5	-0.4	99.4%	46.0%
AG 46X6	15	72.1	70.5	-1.6	97.8%	20.0%

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	None
SCN	PI88788
Stem Canker	Resistant
Salt Index	Excluder
Sulfonyrea Tolerance	Tolerant
Metribuzin Tolerance	Good

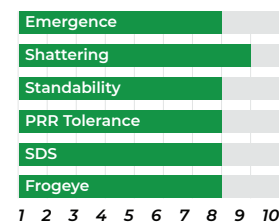
**PRODUCT HIGHLIGHTS**

- ✓ Outstanding performance on heavy rice or cotton soils
- ✓ Excellent yield results in MS 2020 OVT trial
- ✓ Great defensive package
- ✓ Excluder, STS tolerant & SCN resistance
- ✓ Variety with excellent eye appeal

DM47X39

RELATIVE MATURITY 4.7

Pod Color	Tan
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3065
Plant Height	Medium Tall
Rps Gene	Rps 1a
SCN	No Gene
Stem Canker	Resistant
Salt Index	Excluder
Sulfonyrea Tolerance	Susceptible
Metribuzin Tolerance	Very Good

**PRODUCT HIGHLIGHTS**

- ✓ Highly adaptable in AR, MS, TN, KY, and LA
- ✓ Excellent performance in heavy rice ground or good-draining cotton ground
- ✓ Salt Index Excluder with strong SDS and frogeye defense

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM45X61S Bu/A ADVANTAGE	DEWITT, AR	JONESBORO 1, AR	JONESBORO 2, AR	JONESBORO 3, AR	JONESBORO 4, AR	JONESBORO 5, AR	KEISER, AR	MARION, AR	MCCEHEE, AR	NEWPORT, AR	STUTTGART 1, AR	STUTTGART 2, AR	STUTTGART 3, AR	WEINER, AR	MURRAY, KY	ST JOSEPH, LA	CLEVELAND, MS	DUNCAN, MS	LELAND, MS	MANTEE, MS	TCHULA, MS	DYERSBURG, TN
DM45X61S	22	68.0	-	63.7	72.4	68.7	69.0	61.7	66.8	58.1	67.0	67.6	69.0	77.1	67.3	69.6	64.7	52.0	62.7	63.9	66.2	86.8	83.4	74.0	63.8
P48A32X	22	65.5	+2.5	61.9	69.2	66.1	66.3	60.2	64.5	57.2	64.7	65.2	66.4	73.2	64.9	66.9	62.7	52.1	61.1	62.1	64	81.3	78.5	70.6	62.0
AG 46X6	22	67.2	+0.7	63.4	71.3	67.9	68.1	61.5	66.1	58.2	66.4	66.9	68.2	75.6	66.6	68.8	64.2	52.7	62.4	63.5	65.6	84.4	81.3	72.7	63.4
AG 46X0	22	69.1	-1.2	65.0	73.4	69.8	70.1	63.1	68	59.6	68.2	68.7	70.1	78.0	68.5	70.8	65.9	53.6	64.0	65.2	67.4	87.4	84.1	75.0	65.1
P48A60X	22	72.0	-4.0	67.4	76.8	72.8	73.1	65.2	70.7	61.3	70.9	71.5	73.1	81.9	71.2	73.8	68.4	54.7	66.3	67.6	70.1	92.3	88.6	78.5	67.5
AVERAGE	-	68.4	-0.5	64.3	72.6	69.1	69.3	62.3	67.2	58.9	67.4	68.0	69.4	77.2	67.7	70.0	65.2	53.0	63.3	64.5	66.7	86.4	83.2	74.2	64.4

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM45X61S AVERAGE YIELD	DM45X61S Bu/A ADVANTAGE	DM45X61S % YIELD ADVANTAGE	DM45X61S % OF WIN CASES
P48A32X	22	65.5	68.0	+2.5	103.8%	95.0%
AG 46X6	22	67.2	68.0	+0.8	101.2%	90.0%
AG 46X0	22	69.1	68.0	-1.1	98.4%	0.0%
P48A60X	22	72.0	68.0	-4.0	94.4%	0.0%

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM47X39 Bu/A ADVANTAGE	DEWITT, AR	JONESBORO 1, AR	JONESBORO 2, AR	JONESBORO 3, AR	JONESBORO 4, AR	JONESBORO 5, AR	KEISER, AR	MARION, AR	MCCEHEE, AR	NEWPORT, AR	STUTTGART 1, AR	STUTTGART 2, AR	STUTTGART 3, AR	WEINER, AR	MURRAY, KY	ST JOSEPH, LA	CLEVELAND, MS	DUNCAN, MS	LELAND, MS	MANTEE, MS	TCHULA, MS	DYERSBURG, TN
DM47X39	22	66.9	-	63.0	71.0	67.6	67.8	61.1	65.8	57.7	66.0	66.5	67.8	75.3	66.2	68.4	63.8	52.1	62.0	63.1	65.3	84.3	81.1	72.5	63.0
P48A32X	22	65.5	+1.4	61.9	69.2	66.1	66.3	60.2	64.5	57.2	64.7	65.2	66.4	73.2	64.9	66.9	62.7	52.1	61.1	62.1	64	81.3	78.5	70.6	62.0
AG 46X6	22	67.2	-0.3	63.4	71.3	67.9	68.1	61.5	66.1	58.2	66.4	66.9	68.2	75.6	66.6	68.8	64.2	52.7	62.4	63.5	65.6	84.4	81.3	72.7	63.4
AVERAGE	-	66.5	+0.4	62.7	70.5	67.2	67.4	60.9	65.5	57.7	65.7	66.2	67.5	74.7	65.9	68.0	63.6	52.3	61.8	62.9	65.0	83.3	80.3	71.9	62.8

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM47X39 AVERAGE YIELD	DM47X39 Bu/A ADVANTAGE	DM47X39 % YIELD ADVANTAGE	DM47X39 % OF WIN CASES
P 48A32X	22	65.5	66.9	+1.4	102.1%	100.0%
AG 46X6	22	67.2	66.9	-0.3	99.6%	0.0%

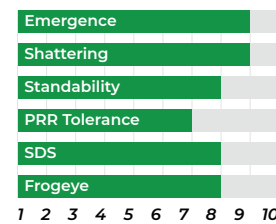


Think Before You Bin Run

DM51X61

RELATIVE MATURITY 5.1

Pod Color	Brown
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
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	Good



PRODUCT HIGHLIGHTS

- ✓ Performs best on cotton ground
- ✓ Large seeded variety with Metribuzin tolerances
- ✓ Excellent emergence and standability scores
- ✓ Strong performance against SDS and Frogeye

Midsouth Region – Yield Summary

VARIETY	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM51X61 Bu/A ADVANTAGE	DEWITT, AR	JONESBORO 1, AR	JONESBORO 2, AR	JONESBORO 3, AR	JONESBORO 4, AR	JONESBORO 5, AR	KEISER, AR	MARION, AR	MCGEEHEE, AR	NEWPORT, AR	STUTTGART 1, AR	STUTTGART 2, AR	STUTTGART 3, AR	WEINER, AR	MURRAY, KY	ST JOSEPH, LA	CLEVELAND, MS	DUNCAN, MS	LELAND, MS	MANTEE, MS	TCHULA, MS	DYERSBURG, TN
DM51X61	22	68.9	-	63.9	74.0	69.7	70.0	61.6	67.5	57.4	67.8	68.4	70.1	79.5	68.1	70.8	65.0	50.3	62.7	64.2	66.8	90.8	86.8	75.9	64.0
AG 53X0	22	68.1	+0.8	63.8	72.5	68.8	69.1	61.8	66.9	58.2	67.1	67.7	69.1	77.2	67.4	69.8	64.8	52.1	62.8	64.0	66.3	86.9	83.5	74.1	63.9
AG 52X9	22	68.4	+0.5	65.1	71.8	69.0	69.2	63.5	67.5	60.7	67.6	68.1	69.2	75.5	67.9	69.7	65.8	56.0	64.3	65.2	67.0	83.0	80.4	73.1	65.2
AVERAGE	-	68.5	+0.4	64.3	72.8	69.2	69.4	62.3	67.3	58.8	67.5	68.0	69.5	77.4	67.8	70.1	65.2	52.8	63.3	64.5	66.7	86.9	83.6	74.4	64.4

Head-to-Head – Yield Summary

Variety	# OF LOCATIONS	VARIETY AVERAGE YIELD	DM51X61 AVERAGE YIELD	DM51X61 Bu/A ADVANTAGE	DM51X61 % YIELD ADVANTAGE	DM51X61 % OF WIN CASES
AG 53X0	22	68.1	68.9	+0.8	101.2%	81.0%
AG 52X9	22	68.4	68.9	+0.5	100.7%	59.0%

Verification Required The last patent on the original Roundup Ready® soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

Yield Loss Roundup Ready 2 Yield®, Roundup Ready 2 Xtend® and XtendFlex® soybean varieties typically have a higher yield opportunity than Roundup Ready® soybean varieties.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

Increased Seed Management If you plan to save and bin-run Roundup Ready® soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

High Value of New Branded Seed

Latest Technology

- // High-yielding soybean technologies
- // Better variety options
- // Leading seed treatment options

Customer Service

- // Dealer agronomic support before and after the sale
- // Replant policy support
- // Convenient packaging and delivery

Reliable Germination and Quality

- // Rigorously tested and meets U.S. Federal Seed Act requirements
- // Free of seed-borne diseases
- // Properly stored and conditioned



For more information on seed intellectual property protection, or to anonymously report a tip, please call 1-866-99-BAYER. For a list of relevant patents visit www.monsantotechnology.com

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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® Technology contains genes that confer tolerance to glyphosate. **Roundup Ready® 2 Technology** contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Xtend® soybeans** contain genes that confer tolerance to glyphosate and dicamba. Products with **XtendFlex® Technology** contain 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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DONMARIO™
S E E D S

DONMARIO Seeds

3414 Big Pine Trail

Champaign IL 61822

Phone: 217-560-6400

WWW.DONMARIOSEEDS.COM

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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. Roundup Ready 2 Xtend® and XtendFlex® are registered trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation.

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: <https://tug.bayer.com>. U.S. patents for Bayer technologies can be found at the following webpage: <http://www.monsantototechnology.com>

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotechadviser.com.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. 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 Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM) and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html). 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. 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.

The transgenic soybeans event in Enlist E3® soybeans is jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, LLC. ®™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are Trademarks of Corteva Agriscience and its affiliated companies. © 2020 Corteva. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html

Varieties with the DuPont™ STS™ soybean technology are tolerant to certain SU (sulfonylurea) herbicides. NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and precautions for use.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. These are general recommendations based on data taken from company trials and field observations and do not constitute a warranty of fitness or guarantee of performance for a particular use. Growers should evaluate data from multiple locations and years whenever possible.

DONMARIO™ is a trademark used by B&B Seeds, LLC under license from GDM Seeds, Inc., 454 E 300N Rd, Gibson City, IL 60936. Varieties with the DuPont™ STS™ soybean technology are tolerant to certain SU (sulfonylurea) herbicides. NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and precautions for use.

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