

MIDSOUTH/YIELD DATA 2022



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# Breakthrough With Better Breeding

**DONMARIO™**  
S E E D S





[WWW.DONMARIOSEEDS.COM](http://WWW.DONMARIOSEEDS.COM)



**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 2022 product lineup!

## The U.S. DONMARIO Testing Network

DONMARIO offers growers **NEW** and **exclusive soybean genetics** that have been bred in and positioned for the U.S.

We have over 300+ testing locations across the U.S., and an additional 100+ locations in 3<sup>rd</sup> party trials. Our 300+ locations are comprised of large strip trials, where we measure our commercial and pre-commercial varieties against the market's best checks. By comparing our varieties in other trials such as row spacing, planting dates, soil types, and many other factors, we provide farmers with intelligent agronomic insight and recommendations.

We are proud to partner with Stratton Seed Company to offer growers exclusive varieties with high yield potential, and trait options.



● DONMARIO Testing network  
● 3<sup>rd</sup> party Testing network

**30** Third-party testing locations

DONMARIO varieties are being tested in **over 60 locations** throughout the U.S.!

**NEW**  
**DM45E33S**  
RELATIVE MATURITY 4.5

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3525
Plant Height	Medium Tall
Rps Gene	No gene
SCN	No gene
Stem Canker	Resistant
Salt Index	Excluder
Sulfonylurea Tolerance	Tolerant
Metribuzin Tolerance	MT

EMERGENCE 1.5  
SHATTERING 1  
STANDABILITY 1.5  
PRR TOLERANCE 1.5  
CERCOSPORA 1.5  
SDS 2  
FROGEYE 2

**SERIOUS ABOUT SOYBEANS**

## PRODUCT HIGHLIGHTS

- High yielder on heavier grounds
- 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	CHERRY VALLEY, AR	DEWITT, AR	JONESBORO-LATE, AR	NEWPORT, AR	REYDELL, AR	MANTEE, MS	MURRAY, KY	GREENFIELD, TN	DEWITT-EARLY, AR	DEWITT-LATE, AR	JONESBORO-EARLY, AR	JONESBORO-LATE, AR	MARION, AR	STUTTGART, AR	WINCHESTER, AR	WYNNE, AR	CLARKSDALE, MS	CLEVELAND-EARLY, MS	CLEVELAND-LATE, MS	HOLLANDALE, MS	LAKE PROVIDENCE, LA
DM45E33S	21	65.7	-	71.0	68.7	62.2	62.3	61.2	70.0	52.8	54.9	77.9	66.9	82.5	71.3	61.3	74.6	60.8	60.4	75.9	60.0	41.8	74.7	69.4
P47T39SE	21	65.3	+0.4	74.2	74.7	63.9	70.1	67.6	68.8	51.1	54.7	79.4	69.8	76.2	68.6	64.9	71.2	55.1	56.7	66.4	62.0	40.8	71.3	63.3
P49T74E	21	66.5	-0.8	70.4	71.8	60.4	65.4	69.9	68.2	51.2	59.6	80.0	71.4	79.0	68.6	65.6	75.4	60.1	61.5	68.4	66.0	42.6	74.2	67.0
NK49-T63ES	21	67.4	-1.7	70.7	73.2	60.9	65.8	65.7	70.4	47.6	61.5	82.8	69.1	81.3	70.4	71.0	74.8	60.6	61.8	73.1	67.0	44.4	72.7	70.9
AVERAGE	-	66.2	-0.5	71.6	72.1	61.8	65.9	66.1	69.3	50.7	57.7	80.0	69.3	79.7	69.7	65.7	74.0	59.1	60.1	71.0	63.8	42.4	73.2	67.6

## Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM45E33S AVERAGE YIELD	DM45E33S BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM45E33S % OF WIN CASES
P47T39SE	21	2022	65.3	65.7	+0.4	99.4%	57.0%
P49T74E	21	2022	66.5	65.7	-0.8	101.2%	47.0%
NK49-T63ES	21	2022	67.4	65.7	-1.7	102.6%	38.0%

RATINGS KEY: 1 = BEST, 5 = WORST



# 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



## PRODUCT HIGHLIGHTS

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

RATINGS KEY: 1 = BEST, 5 = WORST



NEW

# DM45F23

RELATIVE MATURITY 4.5

Pod Color	Tan
Pubescence Color	Gray
Hilum Color	Imperfect Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3027
Plant Height	Medium Tall
Rps Gene	Rps 1a
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MS



## PRODUCT HIGHLIGHTS

- Excels on medium to medium-light soils
- Medium tall variety with good standability and eye appeal
- Stem Canker resistant, very good Frogeye and SDS score
- High yielding variety

### Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM51E62S BU/A ADVANTAGE	NEWPORT, AR	REYDELL, AR	ALEXANDRIA, LA	MANTEE, MS	GREENFIELD, TN
DM51E62S	5	63.6	-	67.6	65.3	61.9	68.6	54.5
P53T90E	5	64.2	-0.6	69.1	66.9	63.2	65.5	56.0
P49T62E	5	64.7	-1.1	69.2	66.9	63.3	68.0	56.1
P47T39SE	5	65.2	-1.6	70.5	67.9	63.5	69.2	54.7
P49T74E	5	65.6	-2.0	66.2	70.5	62.2	69.4	59.6
NK49-T63ES	5	66.2	-2.6	67.0	67.0	63.4	72.1	61.5
<b>AVERAGE</b>	-	<b>64.9</b>	<b>-1.3</b>	<b>68.3</b>	<b>67.4</b>	<b>62.9</b>	<b>68.8</b>	<b>57.1</b>

### Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM51E62S AVERAGE YIELD	DM51E62S BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM51E62S % OF WIN CASES
P53T90E	5	2022	64.2	63.6	-0.6	100.9%	20.0%
P49T62E	5	2022	64.7	63.6	-1.1	101.7%	20.0%
P47T39SE	5	2022	65.2	63.6	-1.6	102.5%	0%
P49T74E	5	2022	65.6	63.6	-2.0	103.1%	20.0%
NK49-T63ES	5	2022	66.2	63.6	-2.6	104.1%	20.0%

### Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM45F23 BU/A ADVANTAGE	CHERRY VALLEY, AR	DEWITT, AR	JONESBORO-LATE, AR	MARION, AR	NEWPORT, AR	REYDELL, AR	CORINTH (VARDAMANI), MS	DUNCAN (IRR), MS	EGYPT, MS	LELAND, MS	MANTEE, MS	MURRAY, KY	DYERSBURG, TN
DM45F23	13	67.7	-	77.5	73.6	64.8	66.7	70.5	71.0	59.8	58.1	70.1	73.2	71.4	58.0	65.5
AG47XF0	13	64.4	+3.3	74.6	73.0	67.5	60.7	70.1	66.0	54.9	57.1	64.7	68.4	65.4	51.0	63.5
AG48XF2	13	67.5	+0.2	76.4	72.5	67.3	68.8	73.9	69.8	58.5	58.7	65.3	73.5	74.0	53.3	65.9
AG45XF0	13	67.6	+0.1	75.7	74.1	65.4	64.3	71.8	68.4	58.7	60.5	71.0	73.1	74.1	55.7	65.7
AG47XF2	13	68.6	-0.9	77.3	74.6	69.0	64.6	74.8	71.8	60.2	57.9	71.6	73.6	72.1	57.7	66.2
<b>AVERAGE</b>	-	<b>67.2</b>	<b>+0.5</b>	<b>76.3</b>	<b>73.6</b>	<b>66.8</b>	<b>65.0</b>	<b>72.2</b>	<b>69.4</b>	<b>58.4</b>	<b>58.4</b>	<b>68.5</b>	<b>72.4</b>	<b>71.4</b>	<b>55.2</b>	<b>65.3</b>

### Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM45F23 AVERAGE YIELD	DM45F23 BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM45F23 % OF WIN CASES
AG47XF0	13	2022	64.4	67.7	+3.3	95.1%	92.0%
AG48XF2	13	2022	67.5	67.7	+0.2	99.7%	46.0%
AG45XF0	13	2022	67.6	67.7	+0.1	99.9%	46.0%
AG47XF2	13	2022	68.6	67.7	-0.9	101.3%	30.0%

RATINGS KEY: 1 = BEST, 5 = WORST



NEW

# DM48F53

RELATIVE MATURITY 4.8

Pod Color	Tan
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3027
Plant Height	Medium
Rps Gene	Rps 1k
SCN	No gene
Stem Canker	Resistant
Salt Index	Includer
Sulfonylurea Tolerance	Susceptible
Metribuzin Tolerance	MS



**SERIOUS ABOUT SOYBEANS**

## PRODUCT HIGHLIGHTS

- Strong performance on high productive grounds, stays shorter and bushy
- Outyielded all XtendFlex® checks in its MG across 55 DM MAS locations in 2020 and 2021
- Medium plant type with very good standability
- Stem Canker resistance, very good Frogeye and SDS score
- Bush phenotype with good eye appeal scores

RATINGS KEY: 1 = BEST, 5 = WORST



# 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	T



**SERIOUS ABOUT SOYBEANS**

## PRODUCT HIGHLIGHTS

- Performs best when planted in medium to medium-heavy soils
- Strong competitor against comparable Xtend® and XtendFlex® checks
- Medium tall plant type with great eye appeal
- Stem Canker resistance
- STS and Salt Excluder

### Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM48F53 BU/A ADVANTAGE	CHERRY VALLEY, AR	DEWITT, AR	JONESBORO-LATE, AR	MARION, AR	NEWPORT, AR	REYDELL, AR	CORINTH (VARDAMAN), MS	DUNCAN (IRR), MS	EGYPT, MS	LELAND, MS	MANTEE, MS	MARKS, MS	DYERSBURG, TN	GREENFIELD, TN	MURRAY, KY	ALEXANDRIA, LA	KEISER, AR
DM48F53	17	68.2	-	79.5	73.4	69.7	68.4	72.6	74.5	60.7	58.7	67.6	76.0	75.5	54.1	70.3	61.7	59.8	69.6	67.0
AG47XF0	17	63.4	+4.8	74.6	73.0	67.5	60.7	70.1	66.0	54.9	57.1	64.7	68.4	65.4	52.3	63.5	57.4	51.0	64.4	66.4
AG48XF2	17	66.3	+1.9	76.4	72.5	67.3	68.8	73.9	69.8	58.5	58.7	65.3	73.5	74.0	54.3	65.9	60.9	53.3	66.6	67.6
AG45XF0	17	66.6	+1.6	75.7	74.1	65.4	64.3	71.8	68.4	58.7	60.5	71.0	73.1	74.1	56.5	65.7	61.4	55.7	67.0	68.4
AG47XF2	17	67.1	+1.1	77.3	74.6	69.0	64.6	74.8	71.8	60.2	57.9	71.6	73.6	72.1	52.9	66.2	60.6	57.7	67.0	69.1
AVERAGE	-	66.3	+1.9	76.7	73.5	67.8	65.4	72.6	70.1	58.6	58.6	68.0	72.9	72.2	54.0	66.3	60.4	55.5	66.9	67.7

### Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM48F53 AVERAGE YIELD	DM48F53 BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM48F53 % OF WIN CASES
AG47XF0	17	2022	63.4	68.2	+4.8	93.0%	100.0%
AG48XF2	17	2022	66.3	68.2	+1.9	97.2%	76.0%
AG45XF0	17	2022	66.6	68.2	+1.6	97.7%	70.0%
AG47XF2	17	2022	67.1	68.2	+1.1	98.4%	76.0%

### Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM49F62S BU/A ADVANTAGE	DEWITT, AR	REYDELL, AR	CORINTH (VARDAMAN), MS	DUNCAN (IRR), MS	EGYPT, MS	MANTEE, MS	MARKS, MS	ALEXANDRIA, LA	GREENFIELD, TN	DEWITT-EARLY, AR	DEWITT-LATE, AR	JONESBORO-EARLY, AR	JONESBORO-LATE, AR	MARION, AR	STUTTGART, AR	WINCHESTER, AR	WYNNE, AR	CLARKSDALE, MS	CLEVELAND-LATE, MS	HOLLANDALE, MS	LAKE PROVIDENCE, LA
DM49F62S	21	67.4	-	72.7	65.3	58.1	60.0	69.0	68.9	52.5	65.5	57.9	81.3	69.2	83.6	72.2	73.3	77.3	61.7	60.6	76.7	45.6	77.4	66.1
AG47XF0	21	66.7	+0.7	73.0	66.0	54.9	57.1	64.7	65.4	52.3	64.4	57.4	82.1	70.4	85.8	76.6	69.8	73.9	65.4	63.6	70.7	45.6	72.3	69.7
AG53XF2	21	67.1	+0.3	73.1	65.2	54.1	56.3	65.6	69.8	50.7	65.8	57.7	82.7	72.4	87.2	80.1	69.9	72.5	63.6	59.6	69.9	45.0	76.0	72.3
AG48XF2	21	68.3	-0.9	72.5	69.8	58.5	58.7	65.3	74.0	54.3	66.6	60.9	80.2	66.9	82.9	74.9	76.4	74.4	62.0	61.8	74.6	46.9	80.0	72.0
AG47XF2	21	69.6	-2.2	74.6	71.8	60.2	57.9	71.6	72.1	52.9	67.4	60.6	82.2	72.9	87.6	76.7	72.3	74.9	64.7	65.7	73.6	49.5	81.5	71.5
AVERAGE	-	67.8	-0.4	73.2	67.6	57.2	58.0	67.2	70.0	52.6	66.0	58.9	81.7	70.4	85.4	76.1	72.3	74.6	63.5	62.3	73.1	46.5	77.4	70.3

### Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM49F62S AVERAGE YIELD	DM49F62S BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM49F62S % OF WIN CASES
AG47XF0	21	2022	66.7	67.4	+0.7	99.0%	57.0%
AG53XF2	21	2022	67.1	67.4	+0.3	99.6%	57.0%
AG48XF2	21	2022	68.3	67.4	-0.9	101.3%	38.0%
AG47XF2	21	2022	69.6	67.4	-2.2	103.3%	19.0%

RATINGS KEY: 1 = BEST, 5 = WORST



# DM45X61S

RELATIVE MATURITY 4.5

Pod Color	Brown
Pubescence Color	Light Tawny
Hilum Color	Black
Flower Color	Purple
Growth Habit	Indeterminate
Seed size	3110
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**

5 4.5 4 3.5 3 2.5 2 1.5 1

## PRODUCT HIGHLIGHTS

- Best on silty clay soils in low - med productivity
- Outperformed the best competitor checks from AR to TN
- Medium tall plant type with strong standability
- Strong defense against SDS and Frogeye
- Salt Index Excluder

RATINGS KEY: 1 = BEST, 5 = WORST



# 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**

5 4.5 4 3.5 3 2.5 2 1.5 1

## PRODUCT HIGHLIGHTS

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

### Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM45X61S BU/A ADVANTAGE	DEWITT-EARLY, AR	DEWITT-LATE, AR	JONESBORO-EARLY, AR	JONESBORO-LATE, AR	JONESBORO-MEDIUM, AR	MARION, AR	STUTTGART, AR	WINCHESTER, AR	WYNNE, AR	CLARKSDALE, MS	CLEVELAND-EARLY, MS	CLEVELAND-LATE, MS	HOLLANDALE, MS	LAKE PROVIDENCE, LA	PORTFACEVILLE-EARLY, MO	GREENFIELD, TN
DM45X61S	16	74.3	-	86.2	76.0	88.6	75.9	79.6	80.6	78.1	65.4	66.3	77.1	71.1	49.8	81.9	73.3	77.4	61.5
AG47XF0	16	70.5	+3.8	82.1	70.4	85.8	76.6	80.1	69.8	73.9	65.4	63.6	70.7	66.2	45.6	72.3	69.7	78.3	57.4
AG48XF2	16	70.6	+3.7	80.2	66.9	82.9	74.9	76.5	75.4	74.4	62.0	61.8	74.6	65.7	46.9	80.0	72.0	74.1	60.9
AG53XF2	16	71.8	+2.5	83.4	73.2	87.7	82.4	82.6	70.8	73.3	64.5	60.4	70.8	69.5	45.8	76.8	73.2	76.4	57.7
AG45XF0	16	72.2	+2.1	82.0	73.1	85.7	73.4	78.5	72.3	77.2	63.0	66.4	78.5	68.4	46.6	81.9	69.8	77.6	61.4
AG47XF2	16	72.5	+1.8	82.2	72.9	87.6	76.7	81.9	72.3	74.9	64.7	65.7	73.6	67.2	49.5	81.5	71.5	77.7	60.6
AVERAGE	-	72.0	+2.3	82.7	72.1	86.4	76.6	79.9	73.7	75.3	64.2	64.0	74.2	68.0	47.4	79.1	71.6	76.9	59.9

### Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM45X61S AVERAGE YIELD	DM45X61S BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM45X61S % OF WIN CASES
AG47XF0	16	2022	70.5	74.3	+3.8	94.9%	81.0%
AG48XF2	16	2022	70.6	74.3	+3.7	95.0%	100.0%
AG53XF2	16	2022	71.8	74.3	+2.5	96.6%	87.0%
AG45XF0	16	2022	72.2	74.3	+2.1	97.2%	81.0%
AG47XF2	16	2022	72.5	74.3	+1.8	97.6%	81.0%

### Yield Summary

VARIETY	# OF LOCATIONS	AVERAGE YIELD	DM51X61 BU/A ADVANTAGE	DEWITT, AR	MANTEE, MS	DEWITT-EARLY, AR	DEWITT-LATE, AR	JONESBORO-EARLY, AR	JONESBORO-LATE, AR	MARION, AR	STUTTGART, AR	WINCHESTER, AR	WYNNE, AR	CLARKSDALE, MS	CLEVELAND-LATE, MS	HOLLANDALE, MS	LAKE PROVIDENCE, LA
DM51X61	14	74.8	-	77.4	70.9	87.1	75.1	88.3	77.0	79.1	79.0	65.3	61.4	82.0	48.5	78.6	77.7
AG47XF0	14	71.0	+3.8	73.4	66.0	82.9	71.2	86.3	77.2	70.6	74.7	66.2	64.4	71.6	46.4	73.2	70.6
AG48XF2	14	71.9	+2.9	73.2	74.9	80.6	67.4	83.1	75.1	76.9	76.1	61.6	62.4	75.1	47.5	80.5	71.4
AG53XF2	14	72.0	+2.8	74.2	71.1	83.4	73.2	87.7	82.4	70.8	73.3	64.5	60.4	70.8	45.8	76.8	73.2
AVERAGE	-	72.4	+2.4	74.6	70.7	83.5	71.7	86.4	77.9	74.4	75.8	64.4	62.2	74.9	47.0	77.3	73.2

### Head-to-Head

Variety	# OF LOCATIONS	SEASON	VARIETY AVERAGE YIELD	DM51X61 AVERAGE YIELD	DM51X61 BU/A ADVANTAGE	Check % YIELD ADVANTAGE	DM51X61 % OF WIN CASES
AG47XF0	14	2022	71.0	74.8	+3.8	94.9%	78.0%
AG48XF2	14	2022	71.9	74.8	+2.9	96.1%	78.0%
AG53XF2	14	2022	72.0	74.8	+2.8	96.3%	85.0%



WWW.DONMARIOSEEDS.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.biotradestatus.com](http://www.biotradestatus.com).

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](http://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.

The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C.™. Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience and its affiliated companies. 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](http://www.corteva.us/Resources/trait-stewardship.html)

Roundup Ready 2 Xtend® soybeans and XtendFlex® Soybeans combined legals. 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 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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#### All Encompassing Seed Piracy Statement

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](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://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](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://cs.bayerpatents.bayer.com)

Soybean Seed Piracy Statement: Roundup Ready 2 Xtend® soybeans

Seed containing the Roundup Ready 2 Xtend® trait 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](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://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](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://cs.bayerpatents.bayer.com)

Soybean Seed Piracy Statement: Roundup Ready 2 Xtend® 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](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://cs.bayerpatents.bayer.com)

Canola Seed Piracy Statement: Roundup Ready® spring canola, Roundup Ready® winter canola, and TruFlex™ canola with Roundup Ready® Technology

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant 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](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://cs.bayerpatents.bayer.com)

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