# The Enlist™ System - Get Control of Tough Weeds



- Glufosinate

Following burndown, Enlist Duo® and Enlist One® with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3™ soybeans.



**Enlist Duo** 

Convenient blend of 2,4-D choline and glyphosate

COLEX•D" technology

 Two modes of action to deliver control and help prevent resistance in your

## 📦 Enlist One® COLEX•D\* technology

- Straight-goods 2,4-D choline with additional tank-mix flexibility
- · Ability to tank-mix with glufosinate and other qualified herbicides, customizing the ratio of herbicides to match each farm's needs

### On-Target **Applications**

90% less drift than traditional 2,4-D

96% less volatile

than 2,4-D ester

### **Corn Traits Soybean Traits**

3111	Agrisure LINK W	Agrisure Viptera® 3111			
DGVT2PRIB	DroughtGard  HYBRIDS  VTDoublePRO	DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend			
SSRIB	SmartStax*	SmartStax® RIB Complete® Corn Blend			
RR2	Roundup Ready CORN 2	Roundup Ready® Corn 2			
VT2PRIB	VTDoublePRO®	VT Double PRO® RIB Complete® Corn Blend			
VT2P	<b>√</b> TDouble <sub>PRO°</sub>	VT Double PRO® Corn			



**duding applicable refuge requirements for insect resistance management,** for the technology traits expressed in the seed as set forth in the technology agreement that you sign. By ing and using a bag of seed, you are reaffirming your obligation to comply with the most recent

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has 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 ugh Stewardship" is a registered trademark of Biotechnology Industry Organization.

B.t. products may not yet be registered in all states. Check with your representative for the registration status in your state. IMPORTANT IRM INFORMATION: RIB Complete" corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. SmartStax" RIB Complete" corn blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing alvohosate will kill crops that are not tolerant to alvohosate.

**Performance may vary** from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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the Refuge<sup>®</sup> are registered trademarks of National Corn Growers Association. All other trademarks are the property of their

Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Roundup Ready 2 Yield® soybeans and Roundup Ready 2 Xtend® sovbeans. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide. U.S. patents for Monsanto

ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. 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 Xienda soybeans. 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.

Seeds containing the LibertyLink' trait may be protected under one or more U.S. patents and may be planted only to produce one (1) commercial crop in a single season, and only after signing a BASF Grower Technology Agreement. It is illegal to save seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

Agrisure Viptera® is a registered trademark of a Syngenta Group Company

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate

RR2X	ROUNDUP READY 2 TEND SOYBEANS	Roundup Ready 2 Xtend® Soybeans
E3	Enlist ES SOYBEANS	Enlist E3™ Soybeans
LLGT27	LIBERTYLINK G127	LibertyLink® GT27™
LL	LIBERTY LINK W	LibertyLink® Soybeans

control of Liberty" herbicide for optimum yield and excellent weed control. LibertyLink", Liberty" and the Water Droplet logo are registered trademarks of BASF Corporation.

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LibertyLink® GT27™ soybeans offer triple stack tolerance to Liberty, glyphosate, and, pending EPA LIBERTYLINK® approval, the first HPPD based herbicide for soybeans. LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27

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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 nagement (HBM), and Use requirements detailed therein www.corteva.us/Resources/trait-stewardship.html).

To plant Enlist seed, you must have a limited license from Dow AgroSciences LLC (or other appropriate affiliates). In deration of the foregoing. Dow AgroSciences grants to the Grower the limited license to use its technology to produc only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement 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<sup>o</sup> technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products at may be used with Enlist™ crops are products that feature Colex-D technology and are expressly labeled for use on Enlist rops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products. VARNING: Enlist products are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of incompatible herbicides to this variety could result in total crop loss. When using 2.4-D herbicides,

save and replant Enlist E3™ soybeans. Additional information and limitations on the use of these products are provided in the Dow AgroSciences Technology Use Agreement and Enlist™ Soybean Product Use Guide. U.S. patents for Dow AgroSciences nologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Dow AgroSciences is a member of Excellence Through Stewardship\* (FTS). Dow AgroSciences products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy.

No crop or material produced from this product can be exported to, used, processed or sold 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. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found

ne transgenic soybean event in the Enlist E3™ soybean was jointly developed and owned by Dow AgroSciences LLC and

Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of The Dow Chemical Company ("Dow") or an affiliated company of Dow. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship. DuPont™ and STS® are trademarks of DuPont or its affiliates.

Varieties with the DuPont™ STS° gene (STS) are tolerant to certain SU (sulfonylurea) herbicides. This technology allows post-emergent applications of DuPont™ Synchrony® XP and DuPont™ Classic® herbicides without crop injury or stress (see herbicide product labels). 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.



### **TIDEWATER SEED**

29000 Information Lane, Suite 302 Easton, MD 21601

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TidewaterSeed.com





TIDEWATER SEED - VIRGINIA - NORTH CAROLINA

### VIRGINIA - NORTH CAROLINA - TIDEWATER SEED

Northern Leaf

Blight (1)

G

VG

VG

VG

VG

VG

N/A

VG

VG

N/A

DISEASE RESISTANCE

Southern

Leaf Blight

VG

VG

VG

N/A

F

N/A

N/A

N/A

VG

VG

Stalk

Anthracnose

N/A

ΑV

VG

ΑV

N/A

VG

N/A

N/A

VG

ΑV

N/A

## **CORN LEADER BRANDS**

**59A25** VT2PRIB

108-110 DAY MATURITY

NEW!

 Top-end yield potential for maturity Excellent stalks and roots

 Very good late season intactness New genetics with improved top end yield

**62A28** *VT2PRIB* 

111-113 DAY MATURITY

113-115 DAY MATURITY

Strong performance over wide area

Very good stalks and roots

Semi-determinate ear with excellent test weight

Responds to higher management

 Very good SLB, NLB and good GLS Best under irrigation and well drained soils

**63D28** *VT2PRIB* 

112-114 DAY MATURITY

Widely adapted with outstanding yield potentia

Outstanding agronomic package with excellent test weight Excels in high yield environments

Late season health and intactness

Very good stress tolerance

**64B28** VT2PRIB

Very good stalks and roots with respectable late season intactness

Strong emergence and early vigor

Can yield with 64K24

Excellent test weight on a semi-flex ear Best on rotated acres — watch GLS

**64D25** DGVT2PRIB

113-115 DAY MATURITY

Consistent performance year over year

Performs well at moderate populations Excellent late season stay green

Good choice for dryland acres

**65D28** VT2PRIB

 Very good drought tolerance Excellent greensnap tolerance

Very good dual-purpose hybrid

Very good stalks and roots Best on rotated acres

**66N21** *VT2PRIB* 

115-117 DAY MATURITY

114-116 DAY MATURITY

Widely adapted to all soils and cropping systems

Very good disease package allows for corn on corn

Very good canopy and husk cover

Consistent performances over wide area

Semi-flex ear and very good test weight

Medium tall plant type with very good early vigor and strong stalks

**67K27** VT2P

Well suited for dryland acres

116-118 DAY MATURITY

**NEW!** 

Medium bush plant type

**SOYBEAN LEADER BRANDS** 

**5016NRXS** *RR2X/SR* 

Xtend stacked with STS

Excellent PRR and Frogeye plus Root Knot protection Widely adapted in mid-Atlantic area

5219E

Widely adapted to all soils and cropping systems

**NEW!** 

CORN CHART

TECH

VT2PRIB

VT2PRIB

VT2PRIB

VT2PRIB

VT2PRIP

VT2PRIB

DGVT2PRIB

VT2PRIB

VT2PRIB

DGVT2PRIB

VT2PRIB

VT2PRIB

VT2PRIB

VT2PRIE

RR2

VT2P

3111

SOYBEAN CHART

ALSO AVAILABLE

62A58 SSRIB, 62A08 CONV

65H15 RR2

66A12 RR2

66N51 SSRIB

66R55 SSRIB

BRAND

59A25

60P29

61P24

62A28

63D28

64B28

64D25

64K24

64N21

65D28

65H25

66A22

66N21

66R25

66W17

67K27

67017

Very good stress tolerance

Cyst protection R3 and MR14 Stem Canker resistant and excellent Frogeye tolerance

**5319NRX** RR2X

5.3 RELATIVE MATURITY

Stem Canker resistan

Excellent emergence Excellent standability

Thin plant type

Light tawny/tan appearance Very good Frogeye

**5519NRX** RR2X

5.5 RELATIVE MATURITY

Excellent Cercospora, Frogeye and PRR tolerance Resistant to both Peanut and Southern Root Knot

Tall excluder line with good, solid width

Medium bush plant with tawny/tan appeal

6219RX

RR2X

6.2 RFI ATIVE MATURITY

Attractive tawny/tan, determinate

Thin plant type Stem Canker and Root Knot resistant

Very good Frogeye Strong stress tolerance

**6418NRX** RR2X

Resistance to Root Knot and Stem Canker

Very good emergence and stress tolerance Medium bush type with excellent branching

Tawny/tan attractive plant Very good stress and standability

**7018NRX** *RR2X* 

6.4 RELATIVE MATURITY

Very good stress tolerance and standability

Very good Frogeye scores

Medium bush plant type Attractive tawny/tan plant

7519RX RR2X

Southern Root Knot resistance Moderate resistance for Stem Canker

Tolerant to Metribuzin Tawny/tan plant appearance

RATING SCALE: E = Excellent, VG = Very Good, G = Good, A = Average, F = Fair, P = Poor, N/A = Not Available EAR/PLANT HEIGHT: ML = Medium-Low, MS = Medium-Short, M = Medium, MH = Medium-High, H = High, MT = Medium-Tall, T = Tall POPULATION TOLERANCE / TEST WEIGHT: M = Medium, MH = Medium-High, H = High **EAR TYPE:** SD = Semi-Determinate, SF = Semi-Fixed, SFL = Semi-Flex, FL = Flex, F = Fixed,

> **POD:** T = Tan, BR = Brown**PLANT TYPE:** TH = Thin, MB = Medium-Bush, I = Intermediate, D = Determinate

3111 - Agrisure Viptera® 3111, CONV - Conventional, DGVT2PRIB - DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend RR2 - Roundup Ready\* Corn 2, SSRIB - SmartStax\* RIB Complete\* Corn Blend, VT2PRIB - VT Double PR0\* RIB Complete\* Corn Blend, VT2P - VT Double PR0\* Corn RR2X - Roundup Ready 2 Xtend® Soybeans, E3 - Enlist E3™ Soybeans, LL - LibertyLink® Soybeans, LLGT27 - LibertyLink® GT27™

YBEAN CHART	PLANT CHARACTERISTICS	PLANT HARDINESS	DISEASE RESISTANCE

PLANT CHARACTERISTICS

Ear

Type

SD

SFL

SD

SFL

SFL

SD

SD

SD

SFL

SFL

SFL

SD

SFL

Plant

MS

MT

Test

Weight

ΑV

VG

VG

VG

ΑV

VG

VG

VG

MH

Drought

**Tolerance** 

ΑV

ΑV

VG

VG

VG

VG

VG

VG

VG

VG

VG

N/A

Early Plant

Vigor

VG

VG

**GDU's Black** 

Laver

2538

2563

2626

2655

2790

2649

2625

2828

2840

2629

2575

2860

2860

2772

2603

2726

N/A

MATURITY

108-110

109-111

110-112

111-113

112-114

113-115

113-115

113-115

113-115

114-116

114-116

115-117

115-117

115-117

115-117

116-118

116-118

Ear

Heigh<sup>1</sup>

MH

M

ML

MH

MH

MH

M

					Relative			Phytophthora	SCN		Sudden Death	
BRAND	TECH	MATURITY	Plant Type	Pod	Plant Height	Emergence	Standability	Gene	Greenhouse	Root Knot	Syndrome	Frogeye
4640GTL	LLGT27	4.6	MB	BR	MT	VG	Е	NG, 7.0 TOL	R3, MR14	-	N/A	Е
4730NRXS	RR2X/SR	4.7	MB	BR	MT	Е	VG	HRps 1c, 5.0 MS	R3, MR14	-	VG	G
5016NRXS	RR2X/SR	5.0	MB	BR	Т	VG	VG	Rps 1a, 1.7 TOL	R3, MR 14	Resistant	VG	G
5219E	E3	5.1	MB	BR	М	E	N/A	N	N/A	-	VG	VG
5319NRX	RR2X	5.3	TH-I	Т	M	Е	Е	Rps 1a, 1.8 TOL	R3, MR14	Moderate Resistance	VG	VG
5518NL	LL/SR	5.5	D	Т	M	N/A	N/A	N/A	N/A	-	MR	E
5519NRX	RR2X	5.5	MB	Т	Т	VG	G	NG, 1.4 TOL	R1, R3	Resistant	Е	Е
6219RX	RR2X	6.2	TH-I	Т	M	VG	Е	Rps 1a, 1.5 TOL	S	Resistant	N/A	VG
6418NRX	RR2X	6.4	MB	Т	MT	Е	VG	NG, 1.8 TOL	MR3	Resistant	N/A	AV
7018NRX	RR2X	7.0	MB	Т	MT	VG	VG	NG, 2.0 TOL	MR-MS R3	Resistant	N/A	VG
7519RX	RR2X	7.5	MB	Т	М	VG	VG	NG, 2.3 TOL	S	Resistant	N/A	VG

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PLANT HARDINESS

**Population** 

Tolerance

M-MH

M-MH

M-MH

MH

M-MH

MH-H

MH-H

M-MH

MH-H

MH-H

MH-H

M-MH

M-MH

M-MH

M-MH

Stalk

Rating

VG

VG

VG

VG

VG

VG

VG

Stay

Green

VG

VG

VG

ΑV

Gray Leaf

Spot

VG

ΑV