# WHAT'S IN THE BAG?



Pioneer® brand integrated corn refuge products will be treated

for the major component and



for the minor component.

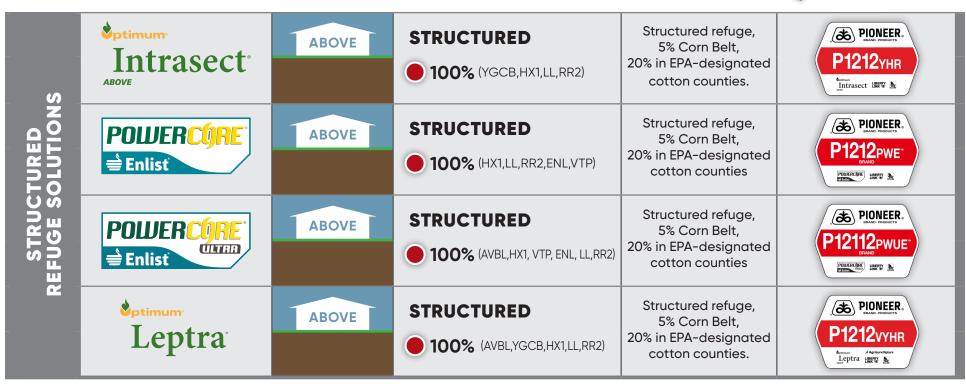
	PRODUCT NAME	INSECT PROTECTION	INTEGRATED COMPONENTS	REFUGE REQUIREMENTS	FIELD SIGN EXAMPLE
INTEGRATED REFUGE SOLUTIONS	AcreMax°	ABOVE	INTEGRATED  95% (YGCB,HX1,LL,RR2)  5% (LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER.  P1212AM*  BRAND  ACTEMAX* LIBRAY*
	POWERCORE  Enlist  REFUGE ADVANCED	ABOVE	INTEGRATED  95% (HX1,VTP,ENL,LL,RR2)  5% (ENL,LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER.  P1212PCE"  BRAND  POULARTCHE LERRY METERS  LINK W. METERS  POULARTCHE LINK W. METERS  POULAR
	POWERCURE*  SENIST  REFUGE ADVANCED*	ABOVE	INTEGRATED  95% (AVBL,HX1,VTP,ENL,LL,RR2)  5% (ENL,LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER.  P12112PCUE  BRAND  POULIFICIENT  BRAND  LINETE  LINE
	AcreMax <sup>®</sup> Above Leptra	ABOVE	INTEGRATED  95% (AVBL,YGCB,HX1,LL,RR2)  5% (LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER  BAOD PRODUCTS  P1212 AML  BRAND  Agriculty Service  Architecture  Agriculty Service  Agriculty Serv
	QROME <sup>®</sup>	ABOVE BELOW	INTEGRATED  95% (RW,YGCB,HXX,LL,RR2)  5% (LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER.  P1212Q  BRING  Aprilum RW  QROME  WRY  LIKEY  LI
	VORCEED <sup>®</sup> in Enlist	ABOVE BELOW	INTEGRATED  95% (HXX,RW3,VTP,ENL,LL,RR2)  5% (ENL,LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER.  PARAD PRODUCTS  PRAND  VORCEED LIBERTY &
	AcreMax <sup>®</sup> ABOVE BELOW Xtra	ABOVE BELOW	INTEGRATED  90% (YGCB,HXX,LL,RR2)  10% (LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER.  P1212AMX**  BRND  BRND  Arrewax  Lustry  Lustry  Listry  Listry
	AcreMax°  ABOVE BELOW XTreme	ABOVE BELOW	INTEGRATED  95% (RW,YGCB,HXX,LL,RR2)  5% (LL,RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.	PIONEER .  P1212AMXT* BRAND  ACTEMAX A Agricust RV  ACTEMAX LIBERTY LIBERTY  LIBERTY LIBERTY  LIBERTY

Structured corn products are treated 100%



Exception: Structured products treated with the CRW package noted below are treated 100%





## **LUMIGEN™ SEED TREATMENT PORTFOLIO**

### PIONEER PREMIUM PACKAGE

- Enhanced disease protection with multiple modes of action fungicide recipe
- Unique combination with multiple modes of action insecticide recipe
- Lumialza® nematicide seed treatment protects roots for more than 80+ days

### CRW PACKAGE

- Same disease package as Pioneer Premium Package
- Lumisure® 1250 seed treatment for added protection against corn rootworm

Not all products are available in all areas.

THE ALPHABET SOUP

OF PIONEER® BRAND

CORN PRODUCTS

To protect the usefulness and availability of these technologies for the future,

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purchase which are part of the labeling and purchase documents.  $^{\text{TM}}$   $^{\text{M}}$  Trademarks of

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Herculex\* insect protection technology by Dow AgroSciences and Pioneer Hi-Bred.\* Trademark of Dow AgroSciences, DuPont or Pioneer, and their affiliated companies or

or use in all states. Contact your local retailer or representative for details and availability in your state. Lumialza<sup>m</sup> has not yet received regulatory approvals in any country outside

State registrations for Lumialza<sup>TM</sup> is pending. This product may not be registered for sale

the-top applications of labeled glyphosate herbicides when applied according to label

com borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall

YGCB - The YieldGard® Corn Borer gene offers a high level of resistance to European

PR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over

LA - Contains the LibertyLink® gene and the Roundup Ready® Corn 2 trait.

LL - Contains the LibertyLink® gene for resistance to Liberty® herbicide.

HXX - Herculex® XTRA contains the Herculex I and Herculex RW genes.

Pioneer® brand products are provided subject to the terms and conditions of from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds.

AML - Optimum® AcreMax® Leptra® product

AM - Optimum® AcreMax® product

**AMXT** - Optimum<sup>®</sup> AcreMax<sup>®</sup> XTreme product

AVBL - Agrisure Viptera® insect trait

**HX1** - Herculex<sup>®</sup> Linsect trait

AMX - Optimum® AcreMax® Xtra product

HX1 - Contains the Herculex® I insect protection gene which provides protection against Liberty, "LibertyLink", LibertyLink", the Water Droplet Design, Poncho® and VOTiVO® are registered trademarks of BASF. trademarks used under license from Monsanto Company. YieldGard", the YieldGard Corn Borer Design and Roundup Ready" are registered

their respective owners.

the United States, approvats are perioring.

the YieldGard Corn Borer gene, the Herculex" I gene, the LibertyLink" gene and the

AVBL,YGCB,HX1,LL,RR2 (Optimum° Leptra°) - Contains the Agrisure Viptera° trait, Herculex® I gene for resistance to corn borer.

European com borer, southwestern com borer, black cutworm, fall armyworm, lesser corn stalk borer, southern com stalk borer, and sugarcane borer; and suppresses corn

PCUE – PowerCore® Ultra Enlist® Refuge Advanced® product

RR2 – Roundup Ready® Corn 2 (glyphosate)

herbicide resistance

PWUE - PowerCore® Ultra Enlist® product

**2** - Grome® product

PWE - PowerCore® Enlist® product

Roundup Ready" Corn 2 trait.

PCE - PowerCore® Enlist® Refuge Advanced® product

(NOTE: all seed color will be purple)

herbicide resistance

 ${
m LL}-{
m LibertyLink}^{\oplus}$  (glufosinate) herbicide resistance

HXX - Herculex<sup>®</sup> XTRA insect trait

**LR** - LibertyLink® and Roundup Ready® Corn 2

YGCB,HX1,LL,RR2 (Optimum" Intrasect") - Contains the YieldGard "Corn Borer gene and

growing counties, a 20% separate corn borer refuge must be planted Vorceed Enlist

modes of action for above- and below-ground insects. The major component contains the Herculex, XTAA genes, the RW3 trait and the VTP trait in EPA-designated cotton

V (Vorceed in Enlist") - Contains a single-bag integrated refuge solution with multiple additional information about the status of regulatory authorizations, visit www.biotradestatus.com/. counties, a 20% separate corn borer refuge must be planted with Grome products. Grome\* products are approved for cultivation in the U.S. and Canada. They have lasto received approval in a number of importing countries, most recently China. For state of the product of the product of the product of the plant of

 $\Omega$  (Qrome") - Contains a single-bag integrated refuge solution for above- and belowground insects. The major component contains the Agrisure" RW trait, the YieldGard" Com Borer gene, and the Herculex  $^{\circ}$  XTRA genes. In EPA-designated cotton-growing in EPA-designated cotton-growing counties must be planted Power Core Ultra Enlist separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge

PWUE - PowerCore® Ultra Enlist® corn products with AVBL, HX1, VTP, ENL, LL, RR. A



Know Your Corn Products by Pioneer

**YHR** - Optimum<sup>®</sup> Intrasect<sup>®</sup> product

agriscience agriscience

Optimum AcreMax Leptra products.

Ріапіпід Кейидез, Ргеѕегиіпід Іесппоіоду

Management

WX - Waxy product

**VYHR** - Optimum<sup>®</sup> Leptra<sup>®</sup> product

White product

| **|** 

LL, PR. A separate 5% corn borer refuge in the corn belt, and a separate 20% corn

insects. In EPA-designated cotton-growing counties, a 20% separate com borer refuge must be planted with PowerCore Ultra Enlist Refuge Advanced products.

PCUE – Powercore® Ultra Enlist® Refuge Advanced® corn products with AVBL, HX1, VTP, ENL, LL, RRZ. Contains a single-bag integrated refuge solution for above-ground

RR2. Contains a single-bag integrated refuge solution for above-ground insects. In PPA-designated coston-growing countiles, a 20% separate corn borer refuge must be appropriate Development of the control of the countiles.

PCE – Powercore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL,

In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products.

for above- and below-ground insects. The major component contains the Agrisure" WM trait, the YieldGard" Corn Borer gene, and the Herculex. XTRA genes.

AMXT (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution

Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products.

AMX - Optimum" AcreMax" Xtra insect protection system with YGCB, HXX, LL, RR2.

AML - Optimum\* AcreMax\* Leptra\* products with AVBL, YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with

a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.

 $\mathsf{AM} - \mathsf{Optimum}^\circ \, \mathsf{AcreMax}^\circ \, \mathsf{insect} \, \mathsf{protection} \, \mathsf{system} \, \mathsf{with} \, \mathsf{YGCB}, \mathsf{HXI}, \mathsf{LL}, \mathsf{RR2}. \, \mathsf{Contains} \, \mathsf{MAC} \, \mathsf{MAC}$ 

PWE - PowerCore® Enlist® corn products with HX1, VTP, EN

pianted with Power Core Enlist Retuge Advanced products.

V - Vorceed™ Enlist® product

RW - Agrisure® RW insect trait