



AG ARMOUR

SEEDS



**DIRTY BOOTS
STRONG ROOTS**

**2023
PRODUCT GUIDE**

1-866-BIG-YIELD

2023 COUNTDOWN TO SAVINGS

PIVOT BIO

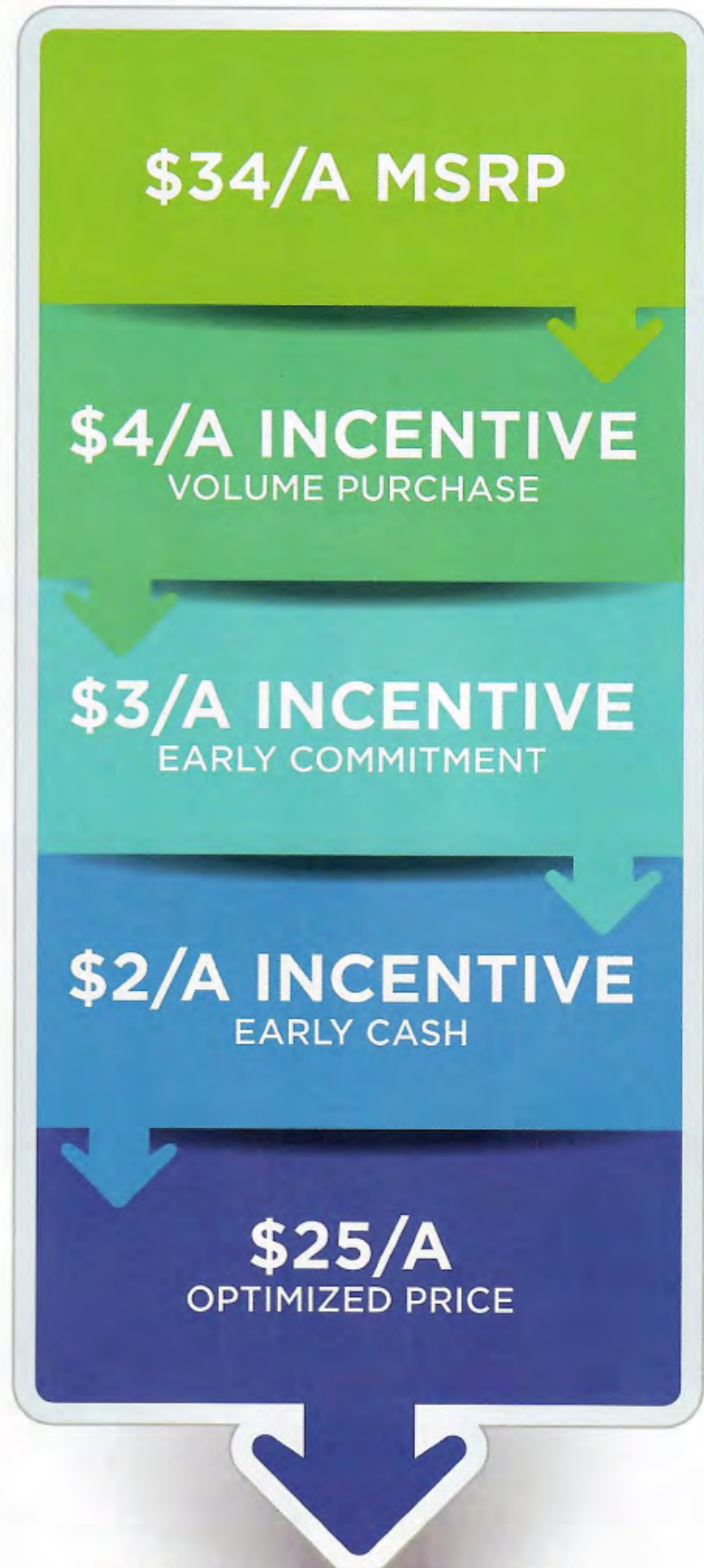
PROVE N40



**TOTAL POTENTIAL
SAVINGS:
\$9/ACRE**

PIVOT BIO

PROVE N40_{os}

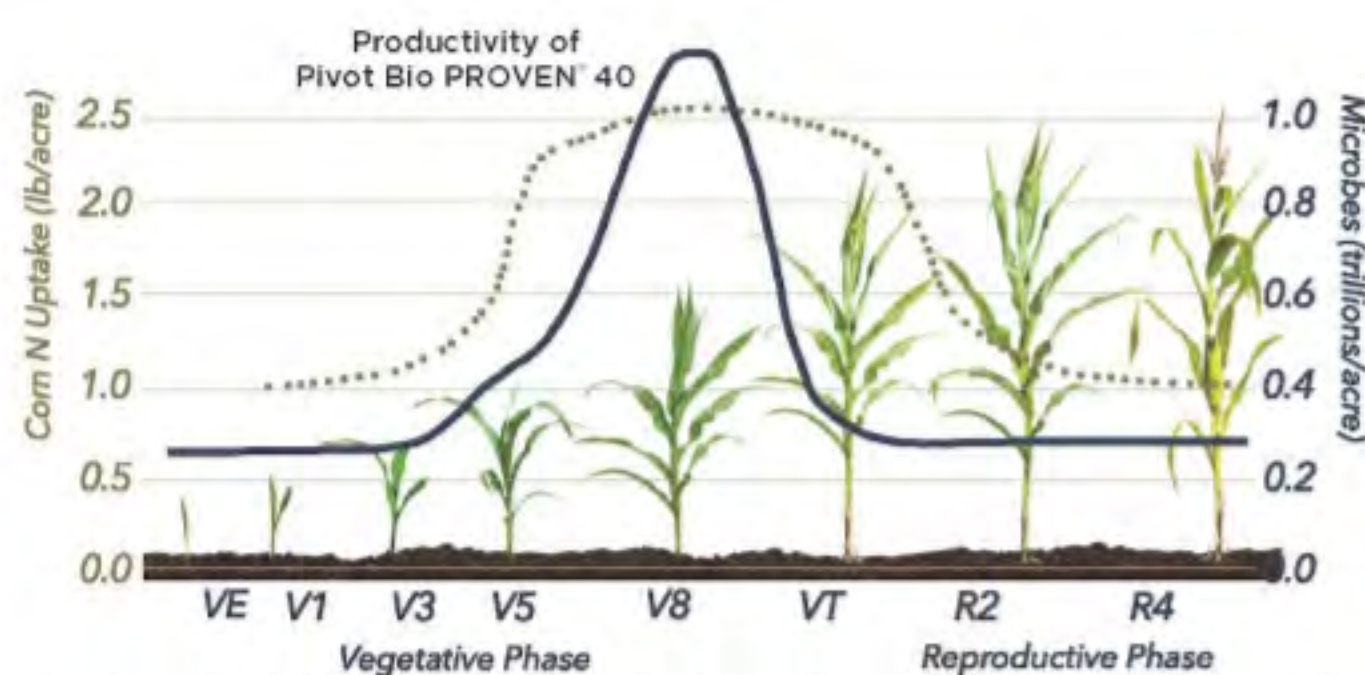


**TOTAL POTENTIAL
SAVINGS:
\$9/ACRE**

NITROGEN IS APPLIED DAILY

Pivot Bio PROVEN[®] 40 is the only microbial product available to U.S. corn growers that applies nitrogen everyday throughout the growing season, with peak nitrogen production when the crops need it the most. Applied at planting, the microbes adhere to the corn roots so growers can be confident their corn is getting a consistent daily source of nitrogen. Unlike traditional nitrogen, Pivot Bio PROVEN[®] 40 does not leach when it rains.

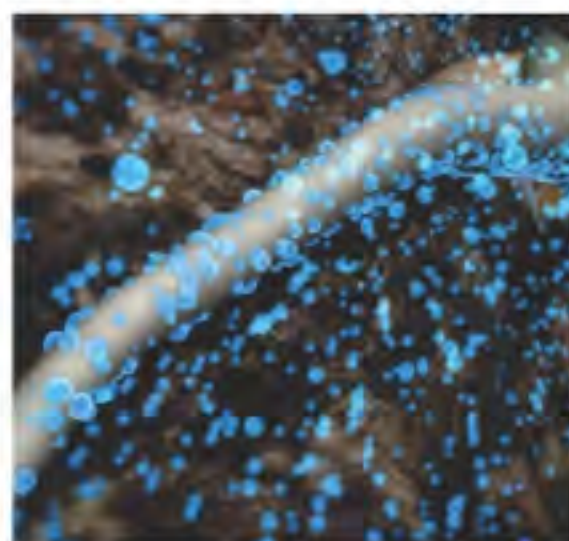
NITROGEN UTILIZATION



The corn plant's demand for nitrogen over the growth cycle is in correlation to the nitrogen production of Pivot Bio PROVEN[®] 40.

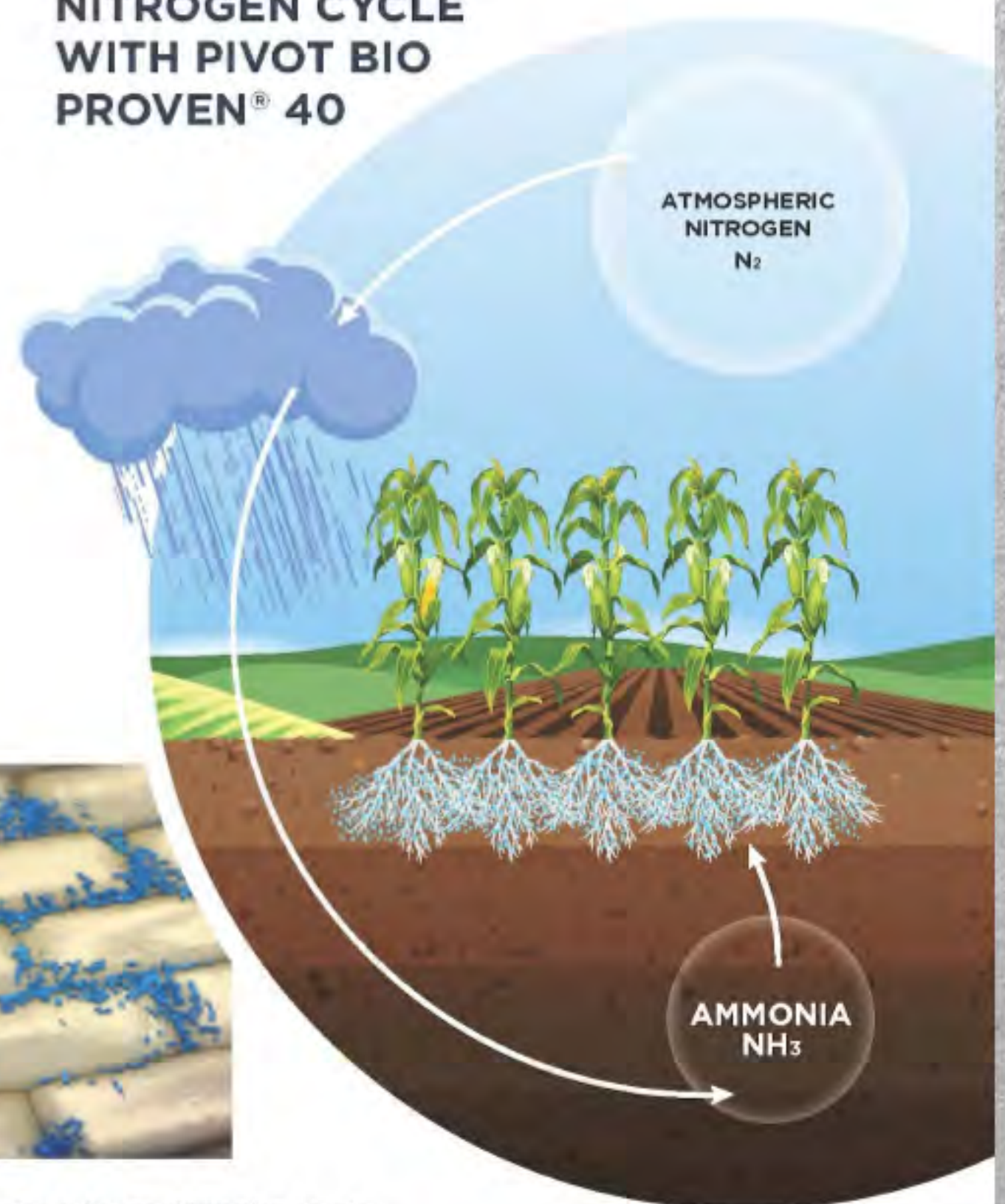


As the seed germinates and the roots reach out into the soil, the microbes adhere to the root structure. The microbes and roots quickly form a mutually beneficial relationship.



The byproducts released by the roots, called exudates, support robust colonization of the microbes along the rhizoplane of the roots and give the microbes the energy they need to fix atmospheric nitrogen.

NITROGEN CYCLE WITH PIVOT BIO PROVEN[®] 40



PRODUCT INFO



Pivot Bio PROVEN[®] 40 produces ammonia, a readily available nitrogen source for corn.



Liquid formulation that comes ready to use.



Pivot Bio PROVEN[®] 40 contains living microbes that must be stored between 32°F - 70°F and away from direct sunlight.



Applied in-furrow.



Can be tank mixed with pop-up fertilizers and insecticides.

SOYBEANS



AG ARMOUR
SEEDS

AA 2214 N ^{RM} 2.2



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

VERY ATTRACTIVE LINE THAT STANDS WELL

ABOVE AVERAGE TEST MEAN

MED HEIGHT/BUSH

STRONG DEFENSE

PURPLE/WHITE FLOWER COLOR

LT. TAWNY PUBESCENCE

TAN POD COLOR

EMERGENCE 7

STANDABILITY 8

SDS SYNDROME 7

WHITE MOLD 7

AA 2216 N ^{RM} 2.2



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

PEKING SOYBEAN CYST NEMATODE

VERY GOOD DEFENSE PACKAGE

BUSHY PLANT TYPE

GOOD HEIGHT

PURPLE FLOWER COLOR

GRAY PUBESCENCE

TAN POD COLOR

EMERGENCE 7

STANDABILITY 8

SDS SYNDROME 7

WHITE MOLD 7

AA 2614 N ^{RM} 2.6



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

EXCELLENT YIELD AND SOYBEAN CYST NEMATODE

BRANCHY PLANT STRUCTURE

EXCELLENT PHYTOPHTHORA TOLERANCE

MED BUSH

PURPLE FLOWER COLOR

GRAY PUBESCENCE

TAN POD COLOR

EMERGENCE 7

STANDABILITY 8

SDS SYNDROME 7

WHITE MOLD 7



AG ARMOUR
SEEDS

SOYBEANS

AA 0821

RM
0.8



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

RACE HORSE!

HIGHLY UNIFORM

CONSISTENT ACROSS HIGH YIELD ENVIRONMENTS

EXTERNAL DATA SHOWS KEY YIELD LEVEL ACROSS NORTH CENTRAL MINNESOTA

GRAY PUBESCENCE

EMERGENCE 8

STANDABILITY 7

SDS SYNDROME 5

WHITE MOLD 6

AA 1721

RM
1.7



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

NATIONAL LINE WEST TO EAST

MEDIUM PLANT HEIGHT

PACK'S ON YIELD FOR AN EARLY BEAN

STANDABILITY A PROMINENT FEATURE

GRAY PUBESCENCE

BROWN POD COLOR

EMERGENCE 8

STANDABILITY 8

SDS SYNDROME 6

WHITE MOLD 7

AA 1923

RM
1.9



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

NEW

A MUST HAVE ON VARIABLE SOILS

PURPLE FLOWER

BROWN POD

TOUGH, VERSATILE VARIETY WITH SDS TOLERANCE

VERY GOOD STRESS TOLERANCE

EMERGENCE 8

STANDABILITY 7

SDS SYNDROME 8

WHITE MOLD 7

SOYBEANS



AG ARMOUR
SEEDS

AA 2021

RM
2.0



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

**PROVEN GENETICS! PACKED WITH
YIELD POTENTIAL**

CLUSTERS AND FINISHES ACROSS TOP NODES

IN ZONE PERFORMANCE THAT CAN MOVE NORTH

PURPLE FLOWER COLOR

GRAY PUBESCENCE

BROWN POD COLOR

EMERGENCE 8

STANDABILITY 7

SDS SYNDROME 6

WHITE MOLD 6

AA 2322

RM
2.3



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

EXCELLENT SDS TOLERANCE

ABOVE AVERAGE DISEASE PACKAGE

CENTRAL/ EAST

PURPLE FLOWER COLOR

GRAY PUBESCENCE

BROWN POD COLOR

EMERGENCE 7

STANDABILITY 7

SDS 8

WHITE MOLD 8

AA 2521

RM
2.5



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

YOU DONT WANT TO MISS THIS ONE

DOMINANT PERFORMANCE EVERYWHERE!

GREAT YIELD

MEDIUM-TALL

PURPLE FLOWER COLOR

GRAY PUBESCENCE

TAN POD COLOR

EMERGENCE 8

STANDABILITY 6

SDS SYNDROME 6

WHITE MOLD 6



AG ARMOUR
SEEDS

SOYBEANS

AA 2523

RM
2.5



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

NEW, GRADUATED FROM EXPERIMENTAL
GREAT AGRONOMIC AND DISEASE PACKAGE
GOOD COMPANION TO AA 2521
MEDIUM-TALL HEIGHT WITH VERY GOOD STANDABILITY

EMERGENCE 8

STANDABILITY 7

SDS SYNDROME 7

WHITE MOLD 6

AA 2922

RM
2.9



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

ALL GEOGRAPHIES AND YIELD ENVIRONMENTS
EXCELLENT SDS TOLERANCE
MEDIUM HEIGHT, MEDIUM BUSH WITH STANDABILITY
WHITE FLOWER COLOR
GRAY PUBESCENCE
TAN POD COLOR

EMERGENCE 8

STANDABILITY 7

SDS SYNDROME 8

WHITE MOLD 6

AA 3122

RM
3.1



RECOMMENDED SEEDING RATE (1000S)

7"-8" ROWS	160-170
15"-20"	150-160
30" PLUS	140-150

THE EARLY GROUP III FOR MICHIGAN, INDIANA AND OHIO

MUST HAVE IN YOUR LINE-UP

EXCELLENT IDC AND FROGEYE LEAFSPOT TOLERANCE

EMERGENCE 8

STANDABILITY 6

SDS SYNDROME 5

WHITE MOLD 6

SOYBEANS



AG ARMOUR

SEEDS

PRODUCT	MATURITY	TRAIT	PLANT HEIGHT	FLOWER COLOR	PUB COLOR	HILUM COLOR
AA 0821 E3	0.8	ENLIST	MEDIUM +	WHITE	GRAY	BUFF
AA 1721 E3	1.7	ENLIST	MEDIUM	PURPLE	GRAY	IMPERFECT BUFF
AA 1923 E3	1.9	ENLIST	MEDIUM TALL	PURPLE	LIGHT TAWNY	BLACK
AA 2021 E3	2.0	ENLIST	MEDIUM	PURPLE	GRAY	IMPERFECT BUFF
AA 2214 N	2.2	NON GMO	MEDIUM	PURPLE/WHITE	LIGHT TAWNY	BROWN
AA 2216 N	2.2	NON GMO	MEDIUM	PURPLE	GRAY	BUFF
AA 2322 E3	2.3	ENLIST	MEDIUM	PURPLE	GRAY	IMPERFECT BLACK
AA 2521 E3	2.5	ENLIST	MEDIUM	WHITE	GRAY	BUFF
AA 2523 E3	2.5	ENLIST	MEDIUM TALL	PURPLE	GRAY	BUFF
AA 2614 N	2.6	NON GMO	MEDIUM	PURPLE	GRAY	BUFF
AA 2922 E3	2.9	ENLIST	MEDIUM	WHITE	GRAY	BUFF
AA 3122 E3	3.1	ENLIST	MEDIUM TALL	WHITE	GRAY	BUFF

CORN

PRODUCT	RM	TRAIT	GDU SILK	GDU BLK LAYER	PLANT HEIGHT	EAR FLEX	TEST WEIGHT	NO TILL	CORN ON CORN
AA 7701	77	Powercore	1132	2161	MED TALL	SEMI FLEX	5	-	6
AA 7945	79	GT	1056	2095	MEDIUM	SEMI FLEX	7	ABOVE AVERAGE	7
AA 8604	86	GTA	1188	2160	MED TALL	SEMI FLEX	8	ABOVE AVERAGE	7
AA 9100	91	3110A, Conventional	1240	2300	MED TALL	SEMI FLEX	7	ABOVE AVERAGE	5
AA 9303	93	3220 Viptera	1265	2325	MED TALL	SEMI FLEX	7	ABOVE AVERAGE	7
AA 9304	93	Agrisue 3120	1250	2315	MED TALL	SEMI FLEX	6	AVERAGE	8
AA 9608	96	3220 Viptera	1280	2400	MED TALL	FLEX	6	AVERAGE	8
AA 9912	99	Powercore Conventional	1235	2490	MED TALL	SEMI FLEX	6	ABOVE AVERAGE	7
AA 9913	99	5122 E-Z Refuge	1300	2445	MED TALL	SEMI FLEX	8	ABOVE AVERAGE	7
AA 10012	100	3110 5222 Duracade	1310	2395	MEDIUM	SEMI FLEX	6	AVERAGE	8
AA 10252	102	3110 5222 E-Z Refuge	1335	2445	TALL	SEMI FLEX	8	ABOVE AVERAGE	8
AA 10253	102	Powercore Conventional	1299	2364	TALL	SEMI FLEX	7	ABOVE AVERAGE	7
AA 10404	104	3220 Viptera	1335	2560	MEDIUM	SEMI FLEX	6	ABOVE AVERAGE	7
AA 10524	105	3010 5122 Duracade	1291	2394	MEDIUM	FLEX	7	AVERAGE	6
AA 10525	105	Powercore	1269	2444	TALL	SEMI FLEX	8	AVERAGE	8
AA 10636	106	Powercore Conventional	1270	2630	MEDIUM TALL	SEMI FLEX	5	-	7
AA 10848	108	3120 Agrisue Above 5122 Duracade	1331	2461	MEDIUM	FLEX	8	-	8
AA 11010	110	3330 Viptera Z3	1495	2890	TALL	FLEX	6	AVERAGE	8

REFERENCE GUIDE

EMERGENCE	STANDABILITY	SCN	PRR GENE	WHITE MOLD	IRON CHLOROSIS	SDS
8	7	R3, MR14	NG	6	5.5	5
8	8	R3, MR14	PRS 1K	7	6.5	6
8	7	PI88788	RPS 1K	7	6.5	8
8	7	R3, MR14	RPS 1K	6	6	6
7	8	-	-	7	-	7
7	8	-	-	7	-	7
7	7	R3	RPS 1C	8	7	8
8	6	R3	RPS 1K, RPS 3A	6	7	6
8	7	PI88788	RPS 1C	6	6.5	7
7	8	PI88788	RPS 1K	7	6	7
8	7	R3	RPS 1K, PRS 3A	6	7	8
8	6	R3, MR14	RPS 1C	6	7	5

9=GREAT, 5=GOOD, 1=POOR

EMERGENCE	STALK STRENGTH	ROOT STRENGTH	DRYDOWN	STAY GREEN	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS' WILT	ANTHRACNOSE
7	ABOVE AVERAGE	9	9	AVERAGE	-	-	-	-
7	AVERAGE	8	7	AVERAGE	ABOVE AVERAGE	-	AVERAGE	7
7	AVERAGE	7	7	AVERAGE	AVERAGE	-	AVERAGE	8
8	ABOVE AVERAGE	6	7	AVERAGE	ABOVE AVERAGE	-	ABOVE AVERAGE	5
8	ABOVE AVERAGE	7	7	AVERAGE	AVERAGE	AVERAGE	ABOVE AVERAGE	7
8	AVERAGE	6	6	ABOVE AVERAGE	ABOVE AVERAGE	AVERAGE	AVERAGE	6
8	ABOVE AVERAGE	7	7	ABOVE AVERAGE	AVERAGE	AVERAGE	ABOVE AVERAGE	8
9	AVERAGE	6	7	AVERAGE	AVERAGE	AVERAGE	ABOVE AVERAGE	-
8	ABOVE AVERAGE	6	6	ABOVE AVERAGE	AVERAGE	ABOVE AVERAGE	AVERAGE	6
9	AVERAGE	9	7	AVERAGE	AVERAGE	ABOVE AVERAGE	AVERAGE	7
8	ABOVE AVERAGE	9	8	AVERAGE	ABOVE AVERAGE	BELOW AVERAGE	ABOVE AVERAGE	9
7	ABOVE AVERAGE	9	6	AVERAGE	AVERAGE	AVERAGE	AVERAGE	7
8	AVERAGE	7	7	AVERAGE	ABOVE AVERAGE	AVERAGE	ABOVE AVERAGE	-
8	ABOVE AVERAGE	7	6	AVERAGE	ABOVE AVERAGE	AVERAGE	AVERAGE	8
8	ABOVE AVERAGE	8	6	ABOVE AVERAGE	ABOVE AVERAGE	ABOVE AVERAGE	AVERAGE	8
7	AVERAGE	7	6	AVERAGE	AVERAGE	AVERAGE	AVERAGE	-
9	ABOVE AVERAGE	8	6	ABOVE AVERAGE	ABOVE AVERAGE	ABOVE AVERAGE	AVERAGE	9
8	ABOVE AVERAGE	9	9	AVERAGE	AVERAGE	ABOVE AVERAGE	AVERAGE	-

Like
Enlist E3[®]
soybeans?



You'll love PowerCore[®] Enlist[®] corn!



AG ARMOUR
SEEDS

Ag-Armourseeds.com



AG ARMOUR
SEEDS

CORN

AA 7701



TRAIT OPTION: POWERCORE ENLIST®
HIGH YIELD PUNCH POTENTIAL
STRONG AGRONOMICS AND EAR FLEX
TOP RATED EARLY POWERCORE HYBRID
ADAPTED TO ALL MANAGEMENT SCHEMES WEST TO EAST WITH VERY GOOD STRESS TOLERANCE

OPT. PLANTING RANGE: 28,000-34,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 16-18

RM 77 DAY

TEST WEIGHT 5

DRYDOWN 9

SEEDING VIGOR 7

AA 7945



TRAIT OPTION: AGRISURE GT®
EARLY FLOWERING AND FAST BLACK LAYER
VERY STRONG AGRONOMICS, ULTRA EARLY HYBRID
WELL SUITED TO THE VARIABLE GROWING CONDITIONS

OPT. PLANTING RANGE: 28,000-34,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18-20

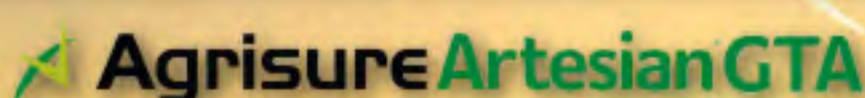
RM 79 DAY

TEST WEIGHT 7

DRYDOWN 7

SEEDING VIGOR 7

AA 8604



TRAIT OPTION: AGRISURE ARTESIAN GTA®
EXCITING QUAD STACKED FOR THE NORTH
EXCEPTIONAL STALK AND ROOTS FOR HARVEST SECURITY
RECOMMENDED AS A DUAL PURPOSE
OUTSTANDING YIELD & EXCELLENT AGRONOMICS

OPT. PLANTING RANGE: 28,000-34,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 16-18

RM 86 DAY

TEST WEIGHT 8

DRYDOWN 7

SEEDING VIGOR 7

CORN



AG ARMOUR
SEEDS

AA 9100

 **Agrisure Viptera**
3110A

TRAIT OPTIONS: AGRISURE VIPTERA ® 3110A, CONVENTIONAL

WIDELY ADAPTED HYBRID WITH HIGH TOP END YIELD

WELL ADAPTED TO BOTH LOW AND HIGH POPULATIONS

EXCELLENT STALK STRENGTH

OUTSTANDING EMERGENCE AND SEEDING VIGOR

OPT. PLANTING RANGE: 27,000-36,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18

RM 91 DAY



TEST WEIGHT: 7

DRYDOWN: 7

SEEDING VIGOR: 8

AA 9303

 **Viptera**

TRAIT OPTION: AGRISURE VIPTERA 3220 E-Z REFUGE ®

GREAT STRESS TOLERANCE

WIDELY ADAPTED ACROSS NORTHERN MARKETS EAST TO WEST

STRONG STALKS AND ROOTS

DUAL PURPOSE WORKS GREAT FOR GRAIN OR SILAGE

OPT. PLANTING RANGE: 28,000-32,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 16-18

RM 93 DAY



TEST WEIGHT: 7

DRYDOWN: 7

SEEDING VIGOR: 8

AA 9304

 **Agrisure Above**

TRAIT OPTION: AGRISURE ABOVE 3120 E-Z REFUGE ®

STRONG YIELD

VERY GOOD GOSS'S WILT TOLERANCE

GIRTHY, FLEX STYLE EAR WITH GOOD KERNEL DEPTH AND GRAIN QUALITY

TALLER HYBRID THAT HAS GOOD DUAL PURPOSE POTENTIAL

OPT. PLANTING RANGE: 27,000-34,000

EAR TYPE: SEMI-FIXED

KERNEL ROWS: 18

RM 93



TEST WEIGHT: 6

DRYDOWN: 6

SEEDING VIGOR: 8



AG ARMOUR
SEEDS

CORN

AA 9608 Viptera™

TRAIT OPTION: AGRISURE VIPTERA 3220 E-Z REFUGE ®

SUPERIOR HIGH YIELD WITH UNMATCHED PLANT HEALTH

SEMI - FLEX EAR WITH OUTSTANDING GRAIN QUALITY

FANTASTIC SILAGE QUALITY

***A MUST HAVE ON YOUR FARM**

OPT. PLANTING RANGE: 24,000-38,000

EAR TYPE: FLEX

KERNEL ROWS: 16-18

RM 96 DAY

TEST WEIGHT 6

DRYDOWN 7

SEEDING VIGOR 8



AA 9912



TRAIT OPTIONS: POWERCORE® ENLIST®, CONVENTIONAL

CONSISTANT GIRTHY SEMI - FLEX EARS

ATTRACTIVE MEDIUM TALL

EXCELLENT GOSS'S WILT TOLERANCE

VERY GOOD FALL APPEARANCE

LATE SEASON INTACTNESS

OPT. PLANTING RANGE: 28,000-38,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18-20

RM 99 DAY

TEST WEIGHT 6

DRYDOWN 7

SEEDING VIGOR 9



AA 9913



TRAIT OPTION: AGRISURE DURACADE 5122 E-Z REFUGE ®

CONSISTENT HIGH YIELD WITH SOLID AGRONOMICS

EXCELLENT EAR FLEX WITH GOOD GRAIN QUALITY

GREAT DUAL-PURPOSE HYBRID

STRONG GRAY LEAF SPOT & TAR SPOT PROTECTION

OPT. PLANTING RANGE: 28,000-38,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 16

RM 99

TEST WEIGHT 8

DRYDOWN 6

SEEDING VIGOR 8



CORN



AG ARMOUR
SEEDS

AA 10012

Agrisure **Viptera** 3110



TRAIT OPTIONS: AGRISURE VIPTERA ® 3110
AGRISURE DURACADE VIPTERA 5122 E-Z REFUGE ®

STRONG DROUGHT TOLERANCE
STRONG STALKS WITH EXCELLENT ROOTS
EXCELS CENTRAL AND WEST
MOVES SOUTH WELL AS AN EARLY SEASON HYBRID

OPT. PLANTING RANGE: 24,000-36,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18-20

RM 100 DAY

TEST WEIGHT 6

DRYDOWN 7

SEEDING VIGOR 9

AA 10252

Agrisure **Viptera** 3110



TRAIT OPTIONS: AGRISURE VIPTERA ® 3110
AGRISURE DURACADE VIPTERA 5222 E-Z REFUGE ®

TOP END YIELD, OUTSTANDING TEST WEIGHT
GREAT FOR NO TILL SOILS
GRAIN QUALITY!!
NUMBER 1 SELLING HYBRID FOR AG ARMOUR

OPT. PLANTING RANGE: 26,000-38,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18

RM 102 DAY



TEST WEIGHT 8

DRYDOWN 8

SEEDING VIGOR 8

AA 10253



TRAIT OPTIONS: POWERCORE ® ENLIST ®, CONVENTIONAL

HIGH YIELDING POWERCORE OPTION
SOLID AGRONOMICS
GOOD ON SAND/LOW POPULATIONS
GREAT PLANT INTEGRITY
GOOD TEST WEIGHT

OPT. PLANTING RANGE: 27,000-32,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18-20

RM 102 DAY

TEST WEIGHT 7

DRYDOWN 6

SEEDING VIGOR 7



AG ARMOUR
SEEDS

CORN

AA 10404



TRAIT OPTION: AGRISURE VIPTERA 3220 E-Z REFUGE ®

SUPERIOR TOP END YIELD POTENTIAL

RESPONDS WELL TO TOP MANAGEMENT

**AGRONOMIC STRENGTHS ALLOW FOR HIGHER
PLANT POPULATIONS**

MULTI YEAR TOP YIELDING HYBRID

OPT. PLANTING RANGE: 30,000-38,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 14-16

RM 104 DAY

TEST WEIGHT 6

DRYDOWN 7

SEEDING VIGOR 8

AA 10524



TRAIT OPTIONS: AGRISURE 3010 ® , AGRISURE DURACADE 5122
E-Z REFUGE ®

STRONG EMERGENCE AND VIGOR

GREAT LATE SEASON PLANT INTEGRITY

EXCELLENT STRESS TOLERANCE

GIRTHY EARS WITH GOOD KERNEL DEPTH

INDUSTRY LEADING GENETICS

EXCELLENT SOUTH OF ZONE

OPT. PLANTING RANGE: 24,000-36,000

EAR TYPE: FLEX

KERNEL ROWS: 18-24

RM 105 DAY

TEST WEIGHT 7

DRYDOWN 6

SEEDING VIGOR 8



AA 10525



TRAIT OPTION: POWERCORE ENLIST ®

EXCELLENT EAR FLEX

DUAL PURPOSE HYBRID

EXCEPTIONAL EAR CONSISTENCY

GREAT OVERALL HEALTH

OPT. PLANTING RANGE: 32,000-38,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 16-18

RM 105

TEST WEIGHT 8

DRYDOWN 6

SEEDING VIGOR 8



CORN



AG ARMOUR
SEEDS

AA 10636



OPT. PLANTING RANGE: 28,000-38,000

EAR TYPE: SEMI-FLEX

KERNEL ROWS: 18-22

TRAIT OPTIONS: POWERCORE ENLIST[®], CONVENTIONAL[®]

**LEAD POWERCORE ENLIST HYBRID WITH PLOT
WINNING PERFORMANCE ACROSS YEARS**

**GOOD TOLERANCE TO TAR SPOT, NLB, AND
GROSS'S WILT**

**KEEP IN ZONE AND NORTH FOR BEST
PERFORMANCE**

**GIRTHY EAR STYLE WITH 18-22 ROWS AND VERY
DEEP KERNELS**

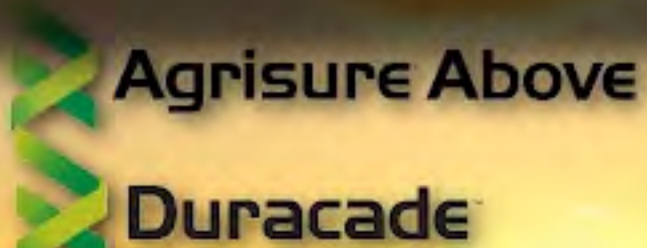
RM 106 DAY

TEST WEIGHT 5

DRYDOWN 6

SEEDING VIGOR 7

AA 10848



OPT. PLANTING RANGE: 24,000-36,000

EAR TYPE: FLEX

KERNEL ROWS: 14-18

TRAIT OPTIONS: AGRISURE ABOVE 3120 E-Z REFUGE[®]

AGRISURE DURACADE 5122 E-Z REFUGE[®]

BROAD ADAPTABILITY

MUST HAVE IN YOUR LINE UP

EXCELLENT GRAIN QUALITY

TOP NOTCH AGRONOMICS

TREMENDOUS YIELD PUNCH

FAST EMERGENCE

RM 108 DAY

TEST WEIGHT 8

DRYDOWN 6

SEEDING VIGOR 9

AA 11010



OPT. PLANTING RANGE: 32,000-38,000

EAR TYPE: FLEX

KERNEL ROWS: 16-18

TRAIT OPTION: AGRISURE VIPTERA Z3 3330 E-Z REFUGE[®]

NEW TRAIT OFFERING

GOOD CORN ON CORN

EXCELLENT STALKS

GREAT EMERGENCE

RM 110

TEST WEIGHT 6

DRYDOWN 9

SEEDING VIGOR 8



ABOVE



PLANT THE BEST TEAM IN TRAITS

When it comes to corn pest protection, the best offense is a strong defense. DuracadeViptera™ trait stacks guard corn against **16 above- and below-ground corn pests**, more than any competitive trait stack on the market, so potential threats can't even come close.

Defend from every angle at DuracadeViptera.com



BELOW

Images are representative of Syngenta product performance.

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SLC 14579A 06-2022

ALFALFA



AG ARMOUR SEEDS

AA 3000 BRAND

COMBINATION OF HIGH FORAGE YIELDS
AND HIGH QUALITY

MULTI-FOLIATE EXPRESSION

EXCELLENT DISEASE RESISTANCE PACKAGE

EXCELLENT WINTER SURVIVAL

RESISTANT TO APHANOMYCES ROOT ROT (RACE 2)

DISEASE RESISTANCE TRAITS

ANTHRACNOSE	HR
APHANOMYCES ROOT ROT (RACE 1)	HR
APHANOMYCES ROOT ROT (RACE 2)	R
PHYTOPHTHORA ROOT ROT	HR
BACTERIAL WILT	HR
FUSARIUM WILT	HR
VERTICILLIUM WILT	HR

AGRONOMIC TRAITS

FALL DORMANCY	4.0
WINTER HARDINESS	1.9
DISEASE RESISTANCE INDEX	30

PEST RESISTANCE TRAITS

BLUE ALFALFA APHID	o
PEA APHID	R
SPOTTED ALFALFA APHID	o
COW PEA APHID	o
STEM NEMATODE	HR
NORTHERN ROOT KNOT NEMATODE	HR
SOUTHERN ROOT KNOT NEMATODE	MR



AMERICA'S ALFALFA™

Roundup Ready® ALFALFA



AG ARMOUR SEEDS

www.ag-armourseeds.com

989-227-0277



AA 4150 BRAND

BRANCH ROOTED TO TOLERATE WET SOILS
IMPROVED DIGESTIBILITY FOR BETTER ANIMAL PERFORMANCE
FAST RECOVERY WITH EXCELLENT PERSISTENCE
OUTSTANDING WINTER SURVIVAL
RESISTANT TO APHANOMYCES ROOT ROT (RACE 2)

DISEASE RESISTANCE TRAITS

ANTHRACNOSE	HR
APHANOMYCES ROOT ROT (RACE 1)	HR
APHANOMYCES ROOT ROT (RACE 2)	R
PHYTOPHTHORA ROOT ROT	HR
BACTERIAL WILT	HR
FUSARIUM WILT	HR
VERTICILLIUM WILT	HR

AGRONOMIC TRAITS

FALL DORMANCY	4.0
WINTER HARDINESS	1.6
DISEASE RESISTANCE INDEX	30

PEST RESISTANCE TRAITS

BLUE ALFALFA APHID	○
PEA APHID	R
SPOTTED ALFALFA APHID	○
COW PEA APHID	○
STEM NEMATODE	R
NORTHERN ROOT KNOT NEMATODE	HR
SOUTHERN ROOT KNOT NEMATODE	MR

AA 4720 BRAND

HIGHLY RESISTANT TO 6 MAJOR DISEASES
HIGH FORAGE YIELD
VERY PERSISTENT
RESISTANT TO APHANOMYCES ROOT ROT (RACE 2)

DISEASE RESISTANCE TRAITS

ANTHRACNOSE	HR
APHANOMYCES ROOT ROT (RACE 1)	HR
APHANOMYCES ROOT ROT (RACE 2)	R
PHYTOPHTHORA ROOT ROT	HR
BACTERIAL WILT	HR
FUSARIUM WILT	HR
VERTICILLIUM WILT	HR

AGRONOMIC TRAITS

FALL DORMANCY	3.6
WINTER HARDINESS	1.6
DISEASE RESISTANCE INDEX	30

PEST RESISTANCE TRAITS

BLUE ALFALFA APHID	○
PEA APHID	○
SPOTTED ALFALFA APHID	○
COW PEA APHID	○
STEM NEMATODE	HR
NORTHERN ROOT KNOT NEMATODE	HR
SOUTHERN ROOT KNOT NEMATODE	MR



DIRT DOCTOR MIX

SIX WAY MIX SCAVENGE NUTRIENTS
PRODUCES LARGE AMOUNTS OF BIODIVERSITY
REDUCES COMPACTION, BREAKS THROUGH HARD PAN
COW/PEA PRODUCE NITROGEN FOR NEXT CROP
RADISH AND TURNIPS SCAVENGE LEFT OVER NITROGEN
WORKS WELL WITH MANURE APPLICATION

PLANTING RATE: 25 POUNDS/ACRE
PLANTING DEPTH: 1/4"-1"
PLANTING TIME: JULY-SEPTEMBER

CONTENTS:

- OATS
- IRON CLAY COW PEAS
- BUCKWHEAT
- TILLAGE® DAIKON RADISH
- PURPLE TOP TURNIPS
- PEREDVOIK SUNFLOWER

NITRO-TILL MIX

THIS 2 WAY MIX SCAVENGES AND PRODUCES NITROGEN
BREAKS UP HARD PAN AND REDUCES COMPACTION
GREAT MIX BEFORE CORN CROP

PLANTING RATE: 25 POUNDS/ACRE
PLANTING DEPTH: 3/4"-1 1/2"
PLANTING TIME: JULY-EARLY SEPT.

CONTENTS:

- WINTER PEAS
- TILLAGE® DAIKON RADISH

**CUSTOM BLEND
COVER CROPS AVAILABLE!**



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Enlist® / PowerCore®

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.

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. 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.

IRM - Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, grower planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide.

Go to www.corteva.us/Resources/trait-stewardship.html to download the latest Corteva Agriscience Corn Product Use Guide.

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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

John Deere Financial

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SEEDS

www.ag-armourseeds.com

LibertyLink® GT27™ 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.

LibertyLink® GT27® soybeans offer triple stack tolerance to Liberty, glyphosate, and, in select counties specified on the label, the first HPPD based herbicide for soybeans—Alite™ 27. Other HPPD herbicides not labeled for use with LibertyLink GT27 or isoxaflutole-resistant soybeans may cause significant crop injury. Alite 27 herbicide is only available for use in labeled counties.

Always read and follow label directions. Alite 27 is a restricted use herbicide. Alite, Liberty, and LibertyLink are registered trademarks of BASF. GT27 is a registered trademark of M.S. Technologies, L.L.C. MS Technologies is a trademark of M.S. Technologies, L.L.C. ©2020 BASF Corporation / M.S. Technologies, L.L.C. All Rights Reserved. APN 20-INT-0014

LibertyLink® Patent Statement

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 Bayer 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 a planting seed.

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FOR SALE AND PLANTING IN THE U.S. ONLY.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

Agrisure® Traits

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

Agrisure® Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. Herculex® Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC.

HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences LLC.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Forage Genetics Legal for Roundup Ready® Advertising

Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetic International, LLC (FGI) grants express permission for such planting. Forage Genetics International LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Roundup Ready® Alfalfa has pending import approvals. 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. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready® is registered trademarks of Bayer Group, used under license by Forage Genetics International, LLC.



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.





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SEEDS

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