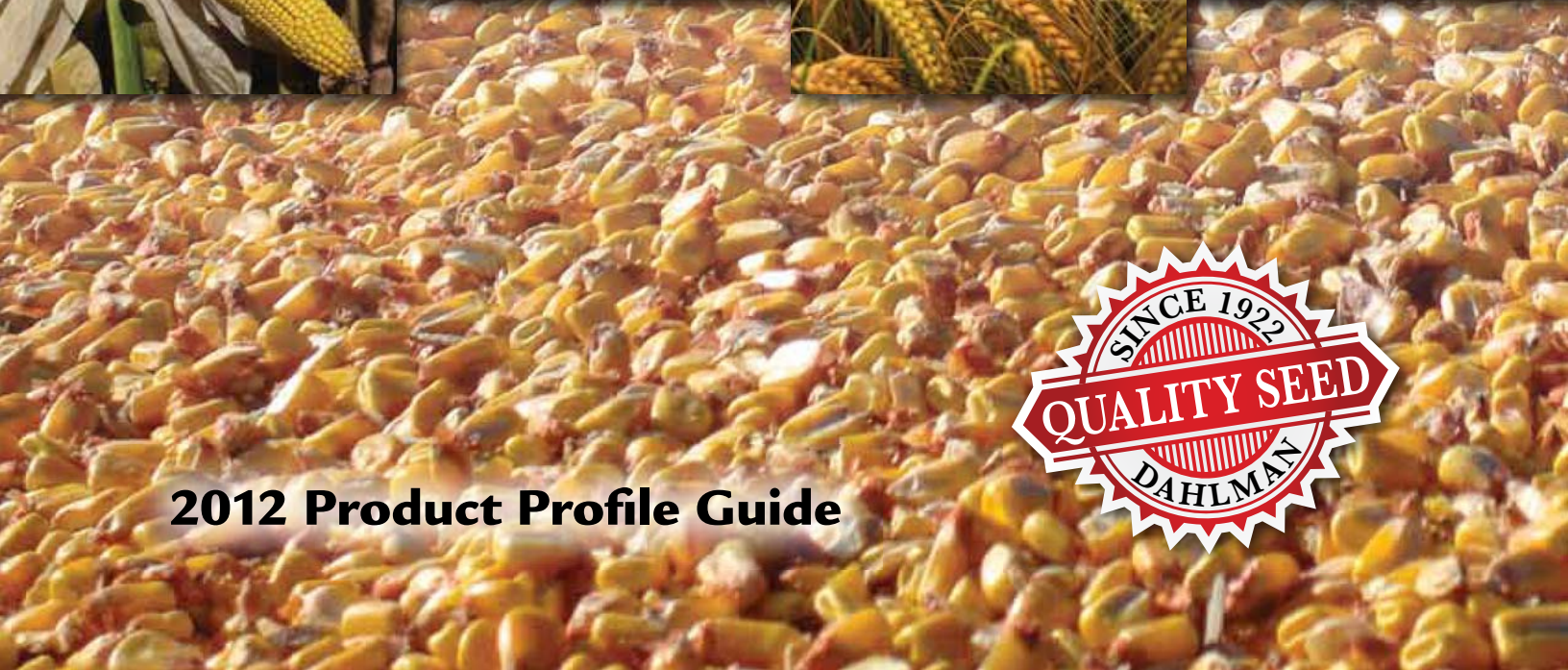




DAHLMAN

PREMIUM SEED | PERFORMANCE PROVEN



2012 Product Profile Guide





Welcome to Dahlman Seed Company

2012 is the 90th year in business for Dahlman Seed Company. Throughout that time we've been a full-service, family-owned regional seed business. We're proud to serve customers throughout Minnesota, Wisconsin and the Dakotas with quality products and personal service.

For 2012 we have placed more of the latest seed technologies in our product line. We are introducing 8 new corn hybrids and 5 new soybean varieties, each chosen for optimum performance and maximum profit potential.

Great products are important, but we place equal importance on producing quality seed. **Our goal in production, processing and conditioning is to handle seed with the highest possible concern for quality.** Healthy seed provides excellent germination and strong early growth to start your crop right.

We have an excellent product line for 2012 that will compete with any others in the marketplace. Review this brochure, check out our website for additional product and yield data and work with a knowledgeable Dahlman sales representative to position our products on your farm.

If you've been a customer in the past....thanks for your business! If you're new to Dahlman, we look forward to providing excellent seed and quality agronomic service for 2012 and in the future.

Best Wishes for continued success in your farming operation,

The Dahlman family

—Daryl and Brian Dahlman, Dawn Rauschendorfer

2012 Highlights

» **GENUITY® FARMING ADVANCED™**
Some 2012 Dahlman Hybrids have Genuity® brand characteristics and SmartStax® differentiation. See the full description on page 6.



» **ACCELERON SEED TREATMENT**
ALL of Dahlman's 2012 seed has Acceleron® Seed Treatment. This treatment helps improve stands and plant health while maximizing performance.



» **PROCESSOR PREFERRED®**
These hybrids meet specific processor needs such as fermentability and extractable starch.



» **FARM PLAN™**
Dahlman accepts John Deere Financial (formerly Farm Plan) for 2012 seed purchases. Ask your sales representative for details.





Contents

Welcome/Introduction	2-3
Quality and Performance	4-5
Genuity® SmartStax® RIB Complete	6
Genuity® VT Triple PRO™	7
YieldGard VT Triple®	7
Genuity® VT Double PRO™	8
YieldGard® Corn Borer with Roundup Ready® Corn 2	9
Corn Characteristics Chart	9
Roundup Ready® Corn 2	10-11
YieldGard® Corn Borer	11
Conventional	12
Genuity® Roundup Ready® 2 Yield Soybeans	14-15
Liberty Link® Soybeans	16
Soybeans Characteristics Chart	16
Alfalfa	17
Wheat	17
2012 Dahlman Corn Reference Chart	19

How to choose a Dahlman Hybrid for Your Farm

Dahlman corn hybrids are identified by traits, agronomic characteristics and relative maturity.

The **agronomic ratings** are based on research notes and known traits observed under actual field conditions. Ratings are on a 1-9 scale where 1= poor, 2-3 = fair, 4-5 = good, 6-7 = very good, 8-9 = excellent.

The **Relative Maturity** for hybrids is given in days, and the ideal planting location for hybrids is shown on a color-coded **Zone Map**.

Dahlman hybrids are adapted to central and southwest Wisconsin, all of Minnesota and in the corn growing areas of the Dakotas. Work with your Dahlman sales representative to determine which hybrids are best for your farm. **Check our website for yield and plot information .**

R43-30VT3P 86 DAY RM

ZONE
3

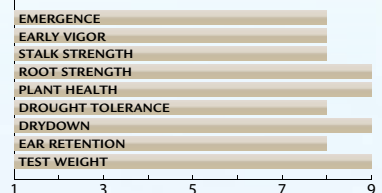


Genuity® VT Triple PRO™

- > Medium/Tall Plant Height
- > 2020 GDU to Black Layer

Strengths:

- > Root strength
- > Plant health and drydown
- > Overall solid agronomic package





Our Quality And Performance Makes a Difference

Dahlman Seed Delivers Strong Germination, Healthy Plants and Excellent Yields

To get the best yields you need to start with the best seed. Dahlman has quality genetics that are produced, handled and conditioned with utmost care. You can be sure that every bag has been produced with the highest quality standards.

During all stages of production, processing and conditioning our goal is to make sure that pure, premium quality seed goes into every bag. We use state of the art equipment, our facilities are clean and our production staff is very experienced. This is why Dahlman is known for *Premium Quality Seed* with Red Hot Performance.

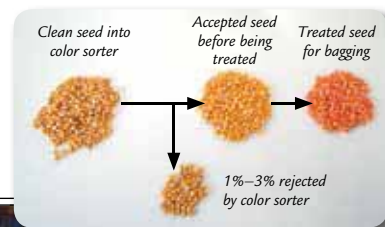
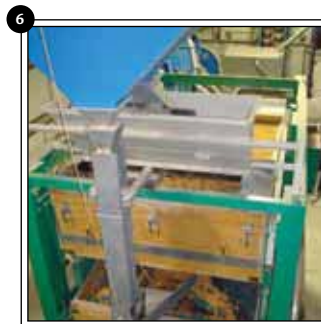
1. *Dahlman seed corn is harvested in September. We use a special picker that harvests ears with most husks still in place. The picker gently handles the ears to protect the seed against bruising. Husks are removed at the production plant.*
2. *Harvested seed corn is delivered to the Dahlman production plant near Dassel, MN. Slow moving belt conveyors move ears to the husking beds and then to the dryer.*
3. *Ear corn coming off the mechanical husking beds is visually inspected so off-types and culls can be removed by hand.*
4. *Cleaned and inspected ears are dried to 12% moisture in specially designed bins. Reverse flow dryers with thermostat control at 98-100 degrees move warm air from the bottom up, then from the top down. This process eliminates 'hot spots' that may damage seed corn germination.*
5. *Dahlman seed is conditioned, treated and bagged at our plant and warehouse near Dassel. Seed is handled slowly and gently, in low, short runs without drops. Conveyors vibrate slowly and polyurethane cup lifts assure gentle handling throughout the system.*
6. *Dahlman's sizing equipment uses slow vibrating and reciprocating flat sieves that 'soft size' all of the seed. Some companies use rotating drums that can cause microscopic cracks that may reduce germination and cause weak seedlings.*
7. *(see opposite page)*

Dahlman Hybrids Perform

Dahlman's product line and potential new hybrids are evaluated in research plots throughout our market area. Field observations are taken for germination, early growth, plant development, root and stalk strength, leaf habit, tasseling, ear development, stay green and drydown.

At harvest, each hybrid is weighed, then checked for moisture and test weight. Results from these plots and others throughout our market area give us first-hand knowledge about product performance. We also participate in state yield trials in Minnesota and Wisconsin. Our products are top performers that don't take a back seat to anyone. With Dahlman you can always expect Performance Proven products.





Dahlman's Scan Master II Color Sorter uses infrared cameras to inspect every kernel of seed as it passes through. Lighter kernels and those with defects smaller than .3mm are removed by individual air bursts. The rejected seed is removed from the conditioning line and the accepted seed moves on to treating. The color sorter typically removes about 1-3% of the seed that was passed by the gravity tables. For you that means better quality in every bag.

Our Seed Management Assures Purity, Vigor and Performance

Unlike some companies who 'farm out' their production, Dahlman grows and manages all of its own seed. We monitor our fields throughout the growing season and do our own detasseling. We harvest our own seed crop with our own equipment and process it in our own facilities. In other words, **we control quality every step of the way.**

Fine Tuned Grading Assures Better Germination

Dahlman's conditioning equipment is among the best in the industry. Our plant, built in 2004, houses precise cleaning and grading equipment, including an infrared color sorter. Extra steps during conditioning provide the seed selection and grading that assure healthy seed in every bag.

STEP 1: Conventional cleaning, grading and sorting on gravity tables removes cracked or damaged seed.

STEP 2: Dahlman's Scanmaster Color Sorter removes an additional 1-3% of kernels that may be lighter, have microscopic cracks, or may be slightly discolored. This impure seed is rejected from the seed line.

STEP 3: Accepted seed that moves to the treating facility is clean, uniform and consistently meets or exceeds industry germination standards.

In our conditioning process, Dahlman customers are the winners. Better quality seed in the bag means better quality seed in the ground. There's potential for better germination and more plants producing a healthy ear.

Dahlman's Better Yield Factor is Based on Premium Genetics + Outstanding Production and Conditioning

- Dahlman's premium conditioning delivers extremely uniform seed in every bag. You're guaranteed outstanding plantability, with more plants growing to produce more crop.
- Our product line has shown outstanding results in Minnesota, Wisconsin and Dakota Yield Trials . Dahlman corn growing in farmer's fields prove that our hybrids deliver RED HOT PERFORMANCE.
- Every bag of Dahlman seed corn is treated with Acceleron® treatment. You crop grows better right from the start.



Genuity® VT Triple PRO™



R43-30VT3P 86 DAY RM

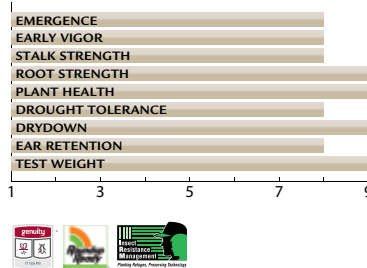
ZONE
3

Genuity® VT Triple PRO™

- › Medium/Tall Plant Height
- › 2020 GDU to Black Layer

Strengths:

- › Root strength
- › Plant health and drydown
- › Overall solid agronomic package



R45-30VT3P 90 DAY RM

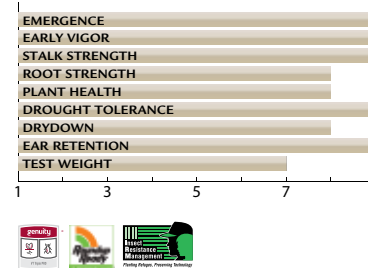
ZONES
3,4

Genuity® VT Triple PRO™

- › Medium/Tall Plant Height
- › 2080 GDU to Black Layer

Strengths:

- › Stalk strength
- › Emergence
- › Harvest appearance & intactness



R45-48VT3P 92 DAY RM

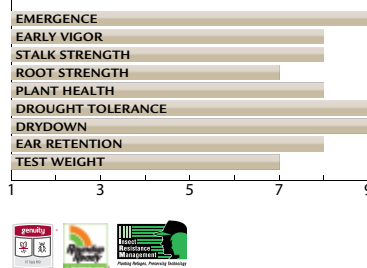
ZONES
3,4

Genuity® VT Triple PRO™

- › Medium Plant Height
- › 2220 GDU to Black Layer

Strengths:

- › Adaptability
- › Emergence
- › Drydown



R48-30VT3P 96 DAY RM

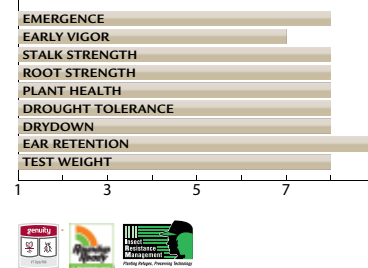
ZONES
3,4,5

Genuity® VT Triple PRO™

- › Medium Plant Height
- › 2340 GDU to Black Layer

Strengths:

- › Plant health
- › Fall intactness
- › Drydown



YieldGard VT Triple®

R43-42VT3 86 DAY RM

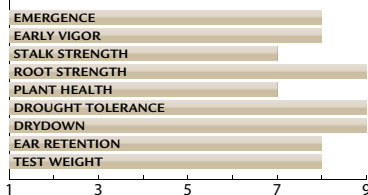
ZONE
2,3

YieldGard® VT Triple

- › Medium Plant Height
- › 2010 GDU to Black Layer

Strengths:

- › Consistent performance
- › Stress Tolerance
- › Stalk Strength



R48-55VT3 96 DAY RM

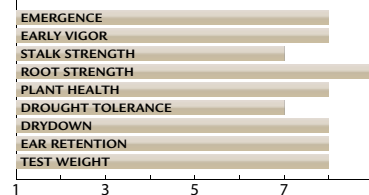
ZONE
3,4

YieldGard® VT Triple

- › Medium/Tall Plant Height
- › 2300 GDU to Black Layer

Strengths:

- › Root strength
- › Yield performance
- › Grain quality and test weight



KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

Genuity® VT Double PRO™

NEW

R43-20VT2P 86 DAY RM

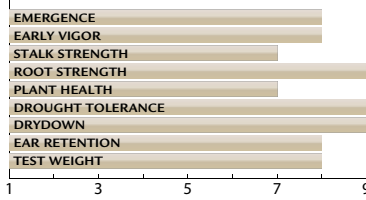
ZONE
2,3

Genuity® VT Double PRO™

- › Medium Plant Height
- › 2010 GDU to Black Layer

Strengths:

- › Drydown
- › Stress Tolerance
- › Stalk Strength



NEW

R45-20VT2P 92 DAY RM

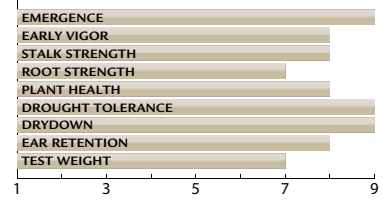
ZONE
3,4

Genuity® VT Double PRO™

- › Medium Plant Height
- › 2220 GDU to Black Layer

Strengths:

- › Consistent yield performance
- › Emergence
- › Drydown



NEW

R48-20VT2P 96 DAY RM

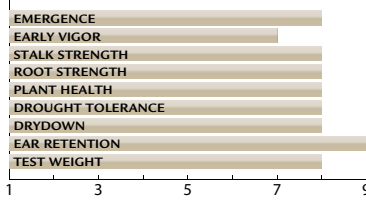
ZONES
3,4,5

Genuity® VT Double PRO™

- › Medium Plant Height
- › 2340 GDU to Black Layer

Strengths:

- › Plant health
- › Fall intactness
- › Early flowering



Choosing the Right Corn Hybrids for Your Farm

Since you only get one chance to select corn hybrids each year, it's important to make the right choices. Dahlman recommends that you take the following factors into consideration when making hybrid choices.

Know your farm and what works. Experience is the best teacher. If you've had great response from a package of hybrids, go with those on 80% of your corn acres.

Try new hybrids each year. Pick two new hybrids that offer top genetics and characteristics that match your soils and your management practices. Plant 10% of your acreage to those new ones and keep close records on how they perform. Not just at harvest, but throughout the year.

Follow local and state yield results. Local and state yield leaders are usually the best hybrids from a given company. If you see top results from a hybrid that you're not planting, give it a try on some test acres.

Plan for your farm, not your neighbors. What works on your neighbors land is only a suggestion for yours. Fertility is always different, as are the weed and insect problems. If your neighbor says a hybrid is great, try it on a small acreage the first year, and go from there based on your results.

Aim for dry corn with high test weight. Select hybrids that dry down fast and show excellent plant health and high test weight. You'll save on drying costs and make more money per acre.

Know your soils. Soils with high levels of N-P-K and micro nutrients should have 'yield leader' hybrids. Fields with low potassium need hybrids with stronger stalks. Fields with heavy soils and poorer drainage need hybrids with strong lateral roots.

**The Better Double—
Two Modes of Insect Protection for Above Ground Control**

Recommended for:

- Farmers that choose above ground protection only
- Farmers that want to reduce refuge requirements
- First year corn rotations

Protect stalks and ears from a broad range of above ground insects

- Dual modes of action for above ground protection for control of many primary pests including: corn earworm and fall armyworm
- Only 0% refuge requirement in the corn belt (as long as you have a refuge)

Modes of Action Comparison Chart

	Genuity® VT Double PRO™	Agrium CLEARL	Herion™ 1
PRIMARY PESTS			
European Corn Borer (Diurina undulata)	**	*	*
Southwestern Corn Borer (Diatraea grandiosella)	**	*	*
Corn Earworm (Heliothis zea)	**	*	*
Fall Armyworm (Spodoptera frugiperda)	**	*	*
BTX500 (corn leaf)	9%	33%	33%

** Dual mode activity * Single mode activity * Pests of other modes control of pest

3 kernels lost
1 bushel per acre lost

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

1 (800) 289-7333

- 8 -

www.dahlmanseed.com

YieldGard® Corn Borer with Roundup Ready® Corn 2

R42-26CB 84 DAY RM

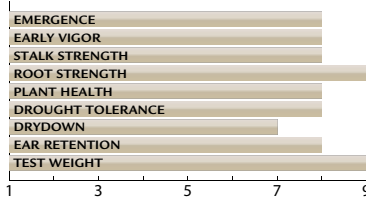
ZONE
3

YieldGard® Corn Borer & Roundup Ready® 2

- › Medium/Tall Plant Height
- › 1990 GDU to Black Layer

Strengths:

- › Fall appearance
- › Root strength
- › Grain quality and test weight



2012 Dahlman Corn Characteristics

Hybrid	Relative Maturity	Plant Height	Emergence	Early Vigor	Stalk Strength	Root Strength	Plant Health	Drought Tolerance	Drydown	Ear Retention	Test Weight	Population Tolerance	Ear Type	Insect Resistance Management	Value Added Trait
Genuity® SmartStax® RIB Complete															
R48-175SSRIB	96	M	8	7	9	8	8	8	9	8	9	30-36	Semi-Determinate	✓	GENSS
R50-410SSRIB	100	M	8	7	9	8	8	8	8	9	7	30-40	Semi-Determinate	✓	GENSS
Genuity® VT Triple PRO™															
R43-30VT3P	86	MT	8	8	8	9	9	8	9	8	9	32-36	Determinate	✓	GENVT3PRO
R45-30VT3P	90	MT	9	9	9	8	8	9	8	9	7	32-36	Semi-Determinate	✓	GENVT3PRO
R45-48VT3P	92	M	9	8	8	7	8	9	9	8	7	30-34	Semi-Flex	✓	GENVT3PRO
R48-30VT3P	96	M	8	7	8	8	8	8	8	9	8	32-36	Determinate	✓	GENVT3PRO
YieldGard VT Triple®															
R43-42VT3	86	M	8	8	7	9	7	9	9	8	8	28-32	Semi-Determinate	✓	YGV3
R48-55VT3	96	MT	8	8	7	9	8	7	8	8	8	32-36	Semi-Determinate	✓	YGV3
Genuity® VT Double PRO™															
R43-20VT2P	86	M	8	8	7	9	7	9	9	8	8	28-32	Semi-Determinate	✓	GENVT2PRO
R45-20VT2P	92	M	9	8	8	7	8	9	9	8	7	30-34	Semi-Flex	✓	GENVT2PRO
R48-20VT2P	96	M	8	7	8	8	8	8	8	9	8	32-36	Determinate	✓	GENVT2PRO
Yieldgard® Corn Borer with Roundup Ready® Corn 2															
R42-26CB	84	MT	8	8	8	9	8	8	7	8	9	30-34	Semi-Flex	✓	YGCB/RR2
Roundup Ready® Corn 2															
R40-10	80	MT	8	8	7	9	9	8	9	8	7	30-36	Determinate		RR2
R42-26	84	MT	8	8	8	9	8	8	7	8	9	30-34	Semi-Flex		RR2
R43-42	86	M	8	8	7	9	7	9	9	8	8	28-32	Semi-Determinate		RR2
R44-66	88	MT	9	9	8	8	8	8	8	8	8	32-36	Determinate		RR2
R45-46	92	M	9	8	8	7	8	9	9	8	7	30-34	Semi-Flex		RR2
R48-10	96	M	8	7	8	8	8	8	8	9	8	32-36	Determinate		RR2
YieldGard® Corn Borer															
D45-15CB	90	MT	8	8	9	7	8	9	9	7	9	28-32	Semi-Flex	✓	YGCB
D48-15CB	95	M	7	7	8	9	9	8	7	9	8	28-32	Semi-Flex	✓	YGCB
Conventional															
D42-15	85	MT	8	8	9	8	8	9	9	8	9	30-34	Semi-Flex		
D45-12	90	MT	8	8	9	7	8	9	9	7	9	28-32	Semi-Flex		
D48-01	95	M	7	7	8	9	9	8	7	9	8	28-32	Semi-Flex		

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

Roundup Ready® Corn 2

NEW

R40-10 80 DAY RM

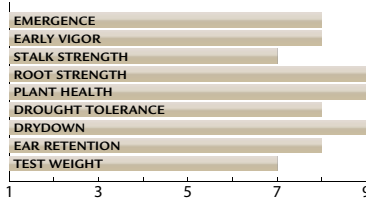
ZONE
2

Roundup Ready® 2

- › Medium/Tall Plant Height
- › 1940 GDU to Black Layer

Strengths:

- › Plant health
- › Root strength
- › Early growth & early flowering



R42-26 84 DAY RM

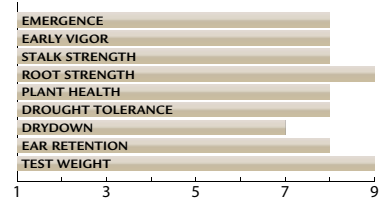
ZONE
3

Roundup Ready® 2

- › Medium/Tall Plant Height
- › 1990 GDU to Black Layer

Strengths:

- › Fall intactness
- › Root strength
- › Test weight



R43-42 86 DAY RM

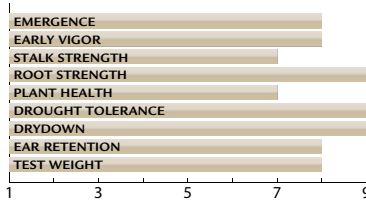
ZONE
2,3

Roundup Ready® 2

- › Medium Plant Height
- › 2010 GDU to Black Layer

Strengths:

- › Drydown
- › Stress Tolerance
- › Adaptability



R44-66 88 DAY RM

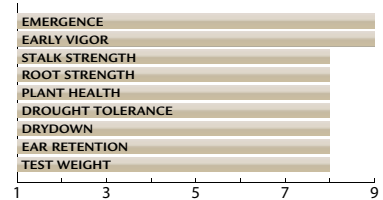
ZONE
3

Roundup Ready® 2

- › Medium/Tall Plant Height
- › 2140 GDU to Black Layer

Strengths:

- › Emergence
- › Stalk strength
- › Early growth and plant health



Roundup Ready® Corn 2

Cleaner Fields, Higher Yields

Cap your weed control costs with the Roundup Ready® Corn 2 system

- » Unsurpassed weed control
- » Proven crop safety
- » Peace of mind
- » All these advantages are yours when you use the Roundup Ready® Corn 2 system. Simply follow one of the recommended Roundup Ready® Corn 2 system herbicide programs.

Roundup Ready® Corn 2 system

- » High yield potential for maximum return on grower investment
- » Outstanding crop safety for optimum yield potential
- » High quality feed production



Using Roundup Ready® WeatherMAX™ or PowerMAX™

- » Provides cost-effective “shoots to roots” control of over 145 labeled weeds
- » Controls more weeds than any other in-crop corn herbicide
 - » Grasses and broadleaf weeds
 - » Annuals and perennials
 - » Tough weed species
 - » Small and tall weeds
- » Wide window application

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

Roundup Ready® Corn 2



R45-46 92 DAY RM

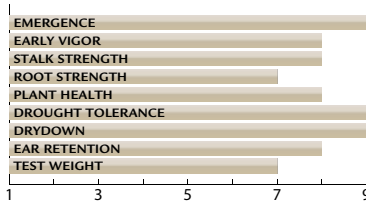
ZONE
3,4

Roundup Ready® 2

- › Medium Plant Height
- › 2220 GDU to Black Layer

Strengths:

- › Consistent yield performance
- › Emergence
- › Early flowering



R48-10 96 DAY RM

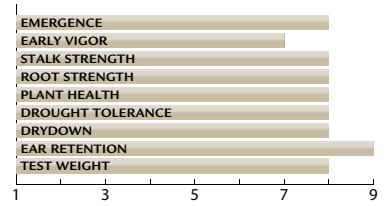
ZONES
3,4,5

Roundup Ready® 2

- › Medium Plant Height
- › 2340 GDU to Black Layer

Strengths:

- › Consistent performance
- › Fall intactness
- › Early flowering



YieldGard® Corn Borer

D45-15CB 90 DAY RM

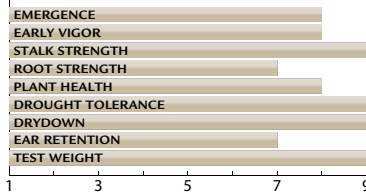
ZONE
3,4

YieldGard® Corn Borer

- › Medium/Tall Plant Height
- › 2220 GDU to Black Layer

Strengths:

- › Ear Flex
- › Stress Tolerance
- › Test weight & grain quality



D48-15CB 95 DAY RM

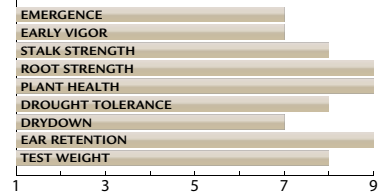
ZONES
3,4,5

YieldGard® Corn Borer

- › Medium Plant Height
- › 2340 GDU to Black Layer

Strengths:

- › Root Strength
- › Adaptability
- › Overall performance



Optimize profit potential and peace of mind.



- Weed Control
- Flexibility
- Crop Safety
- Profitability

The outstanding weed control and flexibility of the Roundup Ready® Corn 2 System fits the way you farm:

- Preemergence residual herbicide followed by postemergence herbicide
- Preemergence residual herbicide tank mixed with postemergence herbicide
- Postemergence herbicide only

The superior crop safety of the Roundup Ready Corn 2 System can provide additional bushels to your yield and enhanced protection to your investment.

See for yourself why Roundup Ready Corn 2 makes perfect profit sense. *Plant it on your acres, and watch your potential grow.*



KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

Conventional

D42-15 85 DAY RM

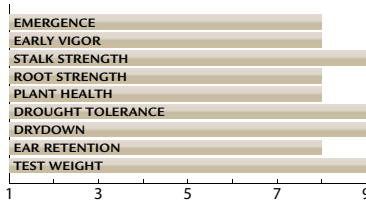
ZONE
2

Conventional

- › Medium/Tall Plant Height
- › 2060 GDU to Black Layer

Strengths:

- › Root Strength
- › Stress Tolerance
- › Adaptability



D45-12 90 DAY RM

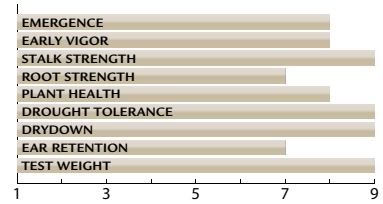
ZONE
3,4

Conventional

- › Medium/Tall Plant Height
- › 2220 GDU to Black Layer

Strengths:

- › Adaptability
- › Stress Tolerance
- › Test weight & grain quality



D48-01 95 DAY RM

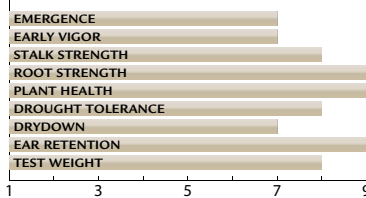
ZONES
3,4,5

Conventional

- › Medium Plant Height
- › 2340 GDU to Black Layer

Strengths:

- › Root Strength
- › Adaptability
- › Overall performance



ACCELERON

LIBERTY LINK

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 Monsanto Technology/Stewardship Agreement that you sign by opening and using a bag of seed, you are accepting your obligation to comply with the most recent stewardship requirements.

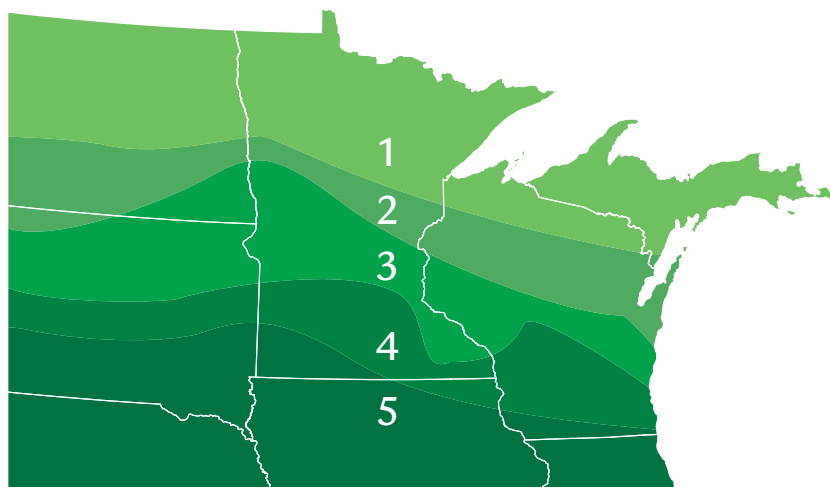
Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercial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

B.t. products may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete™ corn does not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. **Genuity® SmartStax® RIB Complete™** Corn is a blended seed corn product. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Acceleron and Design®, Genuity and Design®, Genuity Icons, Genuity®, Processor Preferred and Design®, RIB Complete and Design™, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, VT Double PRO™, VT Triple PRO™, YieldGard VT Triple®, and YieldGard® are trademarks of Monsanto Technology LLC. Ignite® and LibertyLink® and the Water Droplet Design® are registered trademarks of Bayer. Herculex® is a registered trademark of Dow Agro-Sciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners. ©2011 Monsanto Company.

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable



Corn Maturity Zones



Index to Traits, Technologies and Seed Treatments



- **Genuity® SmartStax® RIB Complete™ Corn** is a blend of 95% *B.t.* seed and 5% non-*B.t.* seed. You get all the benefits of Genuity® SmartStax® Corn, plus the convenience of 5% non-*B.t.* seed, interspersed in every bag.



- **Genuity® VT Triple PRO™** adds below-ground insect protection and Roundup Ready 2® technology to the Double PRO package.



- **Genuity® VT Double PRO™** combines dual mode-of-action for above-ground insect protection, 5% reduced refuge in the bag and Acceleron™ Seed Treatment.



- **YieldGuard VT Triple®** insect protected corn combines the VT Rootworm/RR2 and YieldGuard Corn Borer technologies into one package.



- **Roundup Ready® Corn 2** has in-plant tolerance to Roundup® brand herbicides.



- **Roundup Ready 2 Yield®** Soybean Seed and any product of a **Genuity® Roundup Ready 2 Yield®** is an advanced generation trait that carries excellent yield potential.



- **YieldGuard® Corn Borer** hybrids deliver whole plant, full season protection against lepidopteran insect pests like the European corn borer, southwestern corn borer and sugarcane borer.



- **Acceleron®** is a seed treatment designed to enhance plant health, offer disease protection and insect control in Genuity® Roundup Ready 2 Yield® soybeans.



- **Processor Preferred®** hybrids have special traits that corn processors desire and may pay premiums for. HFC hybrids deliver high levels of fermentable starch and HES hybrids deliver high levels of extractable starch.



- **Respect the Refuge:** Before opening a bag of seed, be sure to read, understand and accept the stewardship and applicable refuge requirements for insect resistance management for the traits that hybrid carries.



- **LibertyLink®** is a non-selective herbicide alternative to Roundup® and it combines high yielding genetics with postemergent weed control with Ignite®.

Genuity® Roundup Ready® 2 Yield Soybeans

NEW

5108RR2Y 0.8 MATURITY

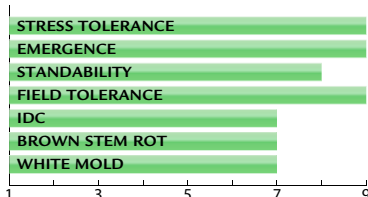
ZONE
3 Rps 3a Gene

RR2Y

- › Medium Plant Height
- › Bush Plant Type

Strengths:

- › IDC tolerance
- › Wide range of adaptability
- › Stress Tolerance



5009NRR2Y 0.9 MATURITY

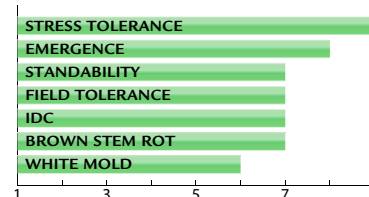
ZONE
3 Rps 1c Gene

RR2Y, SCN Tolerance

- › Medium/Tall Plant Height
- › Thin Plant Type

Strengths:

- › Adapts to variable soil types
- › Stress tolerance
- › Solid agronomic package



NEW

5113NRR2Y 1.3 MATURITY

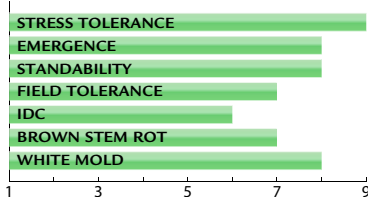
ZONE
3 Rps 1c Gene

RR2Y, SCN Tolerance

- › Medium/Tall Plant Height
- › Medium Plant Type

Strengths:

- › PEKING SCN marker
- › Stress tolerance
- › Overall yield performance



5115NRR2Y 1.5 MATURITY

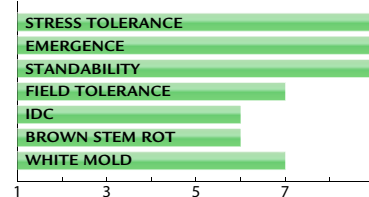
ZONE
4 Rps 1c Gene

RR2Y, SCN Tolerance

- › Medium Plant Height
- › Medium Plant Type

Strengths:

- › Standability
- › Stress tolerance
- › Consistent performance



Choosing the Right Soybean Varieties for Your Farm.

Matching the right soybean variety to your conditions is the key to maximizing yields. Here are some 'friendly reminders' for choosing varieties that are right for your farm.

- **Maturity.** Early maturing varieties will be ready to harvest sooner, but you're probably sacrificing yield. Plant the longest maturity for your area to achieve the highest yield potential. Three different maturities give you a good barometer for yields on your farm.
- **Iron Deficiency.** High pH soils (7.2 or more) have a tendency for IDC, so choose a variety that has higher IDC tolerance. Soils that have soluble salt levels of more than 0.8 mmhos/cm and calcium carbonate levels of 5% or greater will very likely foster IDC.

- **Plant Structure.** If you plant in 15" rows or drill your beans choose a semi-bush variety. When planting in 30" rows choose a bush variety so plants will spread out and canopy to preserve moisture and help control weeds.
- **Plant Height.** Taller beans typically place pods slightly higher above the ground level. Tall varieties may have a tendency for lodging in high fertility soils. Medium or medium tall varieties can be drilled or planted in rows. Adjust population based on plant density: slightly higher as row width becomes narrower.
- **Disease tolerance.** White mold and phytophthora can be a problem if cool, moist conditions persist during August and early September. Once you've had these diseases, the problem can persist in the soil for several years, so plant a tolerant variety.
- **Traits.** Dahlgan has a good selection of Roundup Ready® soybeans in several maturities. The new Genuity® beans have shown higher yields in test plots, and 2009 yields will be the first true test on full fields. Yields on Liberty beans are very competitive to RR beans.

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

Genuity® Roundup Ready® 2 Yield Soybeans



5117NRR2Y 1.7 MATURITY **ZONE 4** Rps 1k Gene

RR2Y, SCN Tolerance

- › Medium Plant Height
- › Medium Plant Type

Strengths:

- › Emergence
- › Stress tolerance
- › Solid defensive package

STRESS TOLERANCE	8
EMERGENCE	8
STANDABILITY	8
FIELD TOLERANCE	7
IDC	6
BROWN STEM ROT	7
WHITE MOLD	7

5119NRR2Y 1.9 MATURITY **ZONE 4** Rps 1c Gene

RR2Y, SCN Tolerance

- › Medium Plant Height
- › Medium Plant Type

Strengths:

- › Emergence
- › Stress tolerance
- › Adapts to variable soil types

STRESS TOLERANCE	8
EMERGENCE	8
STANDABILITY	8
FIELD TOLERANCE	7
IDC	7
BROWN STEM ROT	7
WHITE MOLD	7



5120NRR2Y 2.0 MATURITY **ZONE 4** Rps 1c Gene

RR2Y, SCN Tolerance

- › Medium Plant Height
- › Medium Plant Type

Strengths:

- › BSR resistance
- › SDS tolerance
- › Wide range of adaptability; north/south

STRESS TOLERANCE	8
EMERGENCE	8
STANDABILITY	7
FIELD TOLERANCE	7
IDC	6
BROWN STEM ROT	8
WHITE MOLD	7



5121NRR2Y 2.1 MATURITY **ZONE 4** Rps 1c Gene

RR2Y, SCN Tolerance

- › Medium Plant Height
- › Medium Plant Type

Strengths:

- › Stress tolerance & Standability
- › Moves south
- › Solid agronomic & defensive package

STRESS TOLERANCE	8
EMERGENCE	8
STANDABILITY	8
FIELD TOLERANCE	8
IDC	7
BROWN STEM ROT	7
WHITE MOLD	7



Genuity® Roundup Ready 2 Yield® Soybeans

- More beans per pod means more bushels per acre.
- This is the next generation of the Roundup Ready® trait you already trust.
- Advanced trait insertion delivers more yield opportunity.
- Farmers across America are seeing more 3, 4 and 5 bean pods.

CLEANER FIELDS, HIGHER YIELDS®



KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable

2012 Dahlman Soybean Characteristics

4908LL 0.8 MATURITY

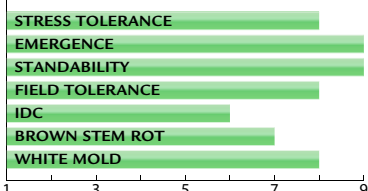
ZONE **3** Rps 1k Gene

Liberty Link®

- › Medium Plant Height
- › Bush Plant Type

Strengths:

- › Emergence
- › Standability
- › Consistent performance



4915NLL 1.5 MATURITY

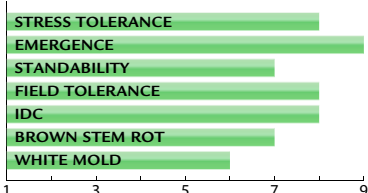
ZONE **4** Rps 1k Gene

Liberty Link® SCN Tolerance

- › Medium Plant Height
- › Bush Plant Type

Strengths:

- › Emergence
- › Combined LL & SCN tolerance
- › Solid defensive package



Variety	Maturity	Stress Tolerance	Emergence	Standability	Phytophthora Gene	Phytophthora Field Tolerance	Iron Chlorosis	Brown Stem Rot	White Mold	Plant Height	Plant Type
5108RR2Y	0.8	9	9	8	Rps 3a	9	7	7	7	M	B
4908LL	0.8	8	9	9	Rps 1k	8	6	7	8	M	B
5009NRR2Y	0.9	9	8	7	Rps 1c	7	7	7	6	MT	Th
5113NRR2Y	1.3	9	8	8	Rps 1c	7	6	7	8	MT	M
5115NRR2Y	1.5	9	9	9	Rps 1k	7	6	6	7	M	M
4915NLL	1.5	8	9	7	Rps 1k	8	8	7	6	M	M
5117NRR2Y	1.7	9	9	9	Rps 1k	7	6	7	7	M	M
5119NRR2Y	1.9	9	9	8	Rps 1c	7	7	7	7	M	M
5120NRR2Y	2.0	8	8	7	Rps 1c	8	6	9	7	M	M
5121NRR2Y	2.1	9	9	9	Rps 1c	8	8	7	7	M	M



Advantages Of Planting New Seed



Convenience

- › Highest quality and highest yielding product vs. bin run
- › Access to the most elite germplasm

Economics

- › Bin run planting rates are generally 15% higher than new certified seed
- › New seed yields an average of 1.8 bu/acre more than bin run*

Limited Warranty Benefits

- › Dealer agronomic support before and after the sale
- › Risk management benefits of Roundup Rewards with more than \$600 million paid to growers since 1997

New Innovations

- › Royalties provide for research and development of new traits and higher yielding germplasm
- › Monsanto invests over \$800 million per year on research and development
- › Dahlman Seed Company and Monsanto are committed to our customers' success

* University yield trials ranged from 1.2 to 5.9 bu/acre

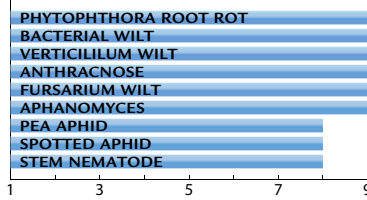
Seeds containing the Roundup Ready® trait and the Genuity® Roundup Ready 2 Yield® trait are protected under numerous United States patents, including Patent No. RE39,247. It is unlawful to save Roundup Ready® Soybeans or Genuity® Roundup Ready 2 Yield® Soybeans for planting or transfer to others for use as a planting seed.

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable
 Plant Height: S = Short M = Medium MT = Medium/Tall T = Tall Plant Type: B = Bush Th = Thin M = Medium

Alfalfa

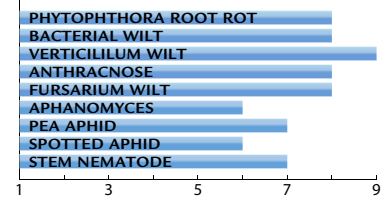
Perfect Plus

- › Winter hardiness – very hardy
- › Recovery – very fast
- › Wisconsin disease rating – 30 of 30
- › Leaf to stem ratio – very high



Colt's

- › Winter hardiness – hardy
- › Recovery – very fast
- › Wisconsin disease rating – 29 of 30
- › Leaf to stem ratio – high



Alfalfa Based Pasture Mix

- 40% Alfalfa
- 25% Timothy
- 25% Red Clover
- 10% Alsike Clover

Custom mixes available upon request and non-returnable

"I've been totally satisfied with the performance of Dahlman corn. It ranks right up there with the bigger companies in yield, test weight and drydown."

—Customer – McLeod County, Minnesota

Sabin Spring Wheat

Certified Sabin Spring Wheat

Sabin is a medium maturity hard red spring wheat with good scab tolerance. In testing, Sabin has consistently been above average in yield with excellent performance in southern locations. It has good test weight and protein. It is average in height with medium straw strength. Sabin has the Sumai 3 source for scab resistance. It is resistant to stem rust, with moderate resistance to leaf rust and moderate resistance to other leaf diseases.



"Growers like the fact Dahlman has remained independent when other companies have been bought up. Being a family owned company allows Dahlman to provide hands on service, which we really appreciate."

—Dahlman dealer – Goodhue County, MN

"The Color Sorter that Dahlman uses does a real good job of kicking out any bad seed. It's really a step beyond regular gravity tables. I can tell that it works because there is no cracked seed in the bag and germination is almost always 100%,"

—Customer – Stearns County, Minnesota

Dahlgman Hybrids for Your Farm in 2012

Acceleron[®] soybean seed treatment products¹ complement Genity[®] Roundup Ready 2 Yield[®] soybeans by helping to optimize seed performance.

There are two different product options available:

- Acceleron Fungicide seed treatment products for soybeans
- Acceleron insecticide and fungicide seed treatment products for soybeans

Both can be used on Roundup Ready[®] soybeans as well.



Acceleron Fungicide Seed Treatment Products for Soybeans

PLANT RESULTS
Improved plant health through more rapid and increased emergence of seedlings under certain colder soil conditions. This helps soybeans achieve a better start which has been shown to lead to improved yield.²

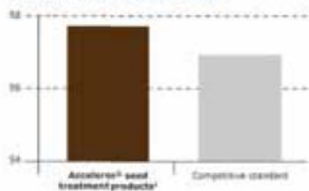
SOYBEAN FOLIAGE DISEASE PROTECTION
Excellent control of Aphanizygone, Fusarium, Rhizoctonia and Phytophthora from an exclusive fungicide combination featuring pyraclostrobin and metconazole.



Acceleron Insecticide and Fungicide Seed Treatment Products for Soybeans

PLANT PROTECTION
In addition to disease-fighting protection and plant health, insect protection from early season insects such as bean leaf beetles and aphids allows maximum

Performance Results: Yield (bu/a)



¹ Acceleron Insecticide and Fungicide Seed Treatment products for soybeans include Acceleron D-10 Fungicide Seed Treatment and Acceleron D-102 Fungicide Seed Treatment. Acceleron Insecticide and Fungicide Seed Treatment products for soybeans include the same fungicide combination, plus the addition of Acceleron D-101 Insecticide Seed Treatment.

² Pioneer Field Trials 2011, 20 sites, 2 harvests per site (Pioneer[®] Roundup Ready 2 Yield[®] soybeans and Acceleron Seed[®] soybeans). D-10 Acceleron soybean seed treatment product used in these trials include Fungicide, Insecticide and Fungicide.

Acceleron[®] corn seed treatment products¹ complement Genity[®] corn traits providing superior protection against disease and early season insects.

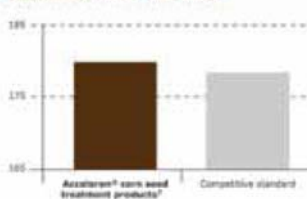


Acceleron Insecticide and Fungicide Seed Treatment Products for Corn

PLANT PROTECTION
Excellent control of Aphanizygone, Fusarium, and Rhizoctonia from an exclusive fungicide combination featuring pyraclostrobin, metconazole and trifloxystrobin.








PLANT PROTECTION
Protection from early season insect pests such as seedcorn maggot, white grub and wireworm allows maximum

Performance Results: Yield (bu/a)



¹ Acceleron Insecticide and Fungicide Seed Treatment[®] products for corn include Acceleron D-10 Fungicide Seed Treatment, Acceleron D-102 Fungicide Seed Treatment, Acceleron D-101 Insecticide Seed Treatment and Acceleron D-103 Insecticide Seed Treatment.

2012 Dahlman Corn Reference Chart

RM	 Genuity® SmartStax® RIB Complete	 GENUITY® VT Triple PRO™	 YIELDGARD VT TRIPLE®	 GENUITY® VT Double PRO™	 YIELDGARD® CORN BORER WITH ROUNDUP READY® CORN 2	 ROUNDUP READY® CORN 2	 YIELDGARD® CORN BORER	Conventional
Relative Maturity	SmartStax® RIB Complete	GENUITY® VT Triple PRO™	YIELDGARD VT TRIPLE®	GENUITY® VT Double PRO™	YIELDGARD® CORN BORER WITH ROUNDUP READY® CORN 2	ROUNDUP READY® CORN 2	YIELDGARD® CORN BORER	Non-Trait Hybrids
80						R40-10		
84					R42-26CB			
84						R42-26		
85								D42-15
85		R43-30VT3P						
86			R43-42VT3					
86				R43-20VT2P				
86						R43-42		
88						R44-66		
90								
90		R45-30VT3P					D45-15CB	
90								D45-12
92		R45-48VT3P						
92				R45-20VT2P				
92						R45-46		
95								
95		R48-30VT3P					D48-15CB	
95				R48-20VT2P				D48-01
95						R48-10		
95								
96	R48-175 GENSS							
96			R48-55VT3					
100	R50-410 GENSS							

Matching colors indicate corn hybrids from the same base genetic family

KEY: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8-9 = Excellent NA = Not Applicable



DAHLMAN

PREMIUM SEED | PERFORMANCE PROVEN

73504 200th Street • Dassel, Minnesota 55325

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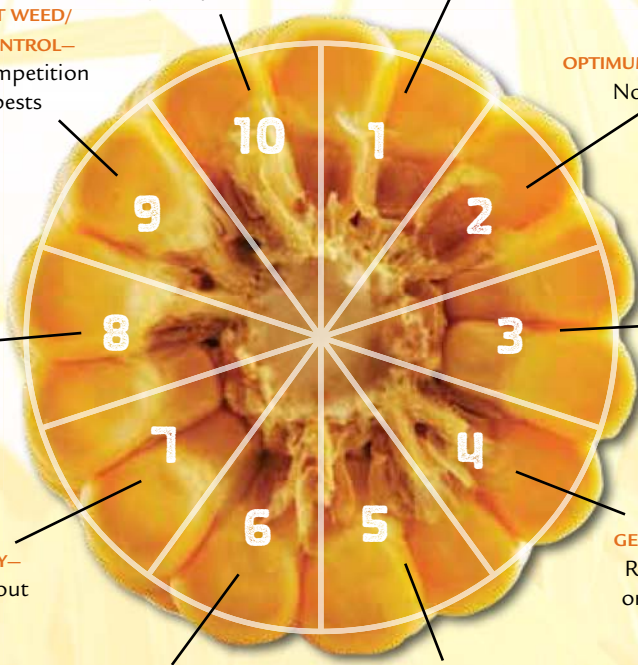
1-800-BUY SEED (1-800-289-7333)

www.dahlmanseed.com



Ten Steps to Superb Yields with Dahlman Hybrids

Corn growers who plant Dahlman seed can count on superb yield potential in every bag. That's because our company delivers outstanding proficiency for points 1-5 in the following Corn Production Platform. For Dahlman hybrids to deliver that outstanding potential to the bin, growers need equal proficiency in following steps 6-10. The result: Tremendous yields, year after year, with outstanding profitability.



TIMELY HARVEST—
Capture your highest yield potential

PREMIUM GENETICS—
Leading products with elite parentage

**EXCELLENT WEED/
INSECT CONTROL—**
Reduce competition from pests

OPTIMUM SEED PURITY—
No off-types

**FERTILIZE FOR
TOP YIELDS—**
Provide optimum plant nutrition

**TIMELY SEED
HARVEST—**
Efficiency maintains quality

PLANTING ACCURACY—
Equal spacing without skips or doubles

GENTLE HANDLING—
Reduces cracked or damaged seed

**SUPERB SEEDBED
PREPARATION—**
Create the ideal conditions for success

**SUPERIOR
CONDITIONING
PROCEDURES—** Clean, pure seed in every bag

