

REATM

HYBRIDS

Product Guide 2009



Keeping Focused... Keeping Connected

I think you would agree that agriculture is experiencing some dramatic changes. Today, we all face the challenge of managing the intricacies of our business amidst historically high commodity prices and input costs. It is a trying time to say the least... filled with opportunities.

We understand the complexities our customers face and are committed to helping them succeed. How? Simply by keeping focused on what we do best... bringing seed and traits that fit for our customers in the North Country and keeping them connected to the future of opportunities.

THE most important decision growers make each year is what seed to plant. Seed and traits represent roughly 18% of the total input costs per acre. Though costs are up, YIELDS ARE UP. Seed and traits are the smaller portion of the increase and are the inputs that contribute most to increased yields. REA Hybrids is focused on making sure our customers have the best seed and trait choices for their farm. Farming in the North Country offers challenges unique from other areas of the Corn Belt. REA offers solutions to those challenges by focusing our energies and resources to products that fit our geography.

This year REA is introducing a number of new and exciting opportunities. You will notice our line-up has changed dramatically representing corn and soybean products especially selected for our North footprint. We are especially excited about our new SilageSmart™ corn products and the expanded portfolio of YieldGard® triple stack brand. These products are all designed to bring you more value and opportunities for success in these exciting times. REA Hybrids is keeping you connected to the future of opportunities.

Charlie Rea

President
REA Hybrids

REA Corn Technology Identification Codes

Letter	Trait
B	YieldGard® Corn Borer (YGCB)
W	YieldGard Rootworm (YGRW)
R	Roundup Ready® Corn 2 (RR2)
N	YieldGard Corn Borer with Roundup Ready Corn 2 (YGCB/RR2)
J	YieldGard Rootworm with Roundup Ready Corn 2 (YGRW/RR2)
K	YieldGard Plus with Roundup Ready Corn 2
T	YieldGard VT Triple® (YGVT3/RR2)
S	YieldGard VT Rootworm/RR2®
X	Waxy
M	Waxy/YieldGard Corn Borer



Plant the Future on Your Farm Today! You can by planting one of REA Brand's Dominator Corn products, our newest genetics and traits combined in an unbeatable package. Dominator Corn products are REA's future best sellers so be sure to plant the Dominators that suit your farm and farming practices. Your REA representative can help you select the Dominators that will make a difference for you.

REA BRAND CORN PRODUCTS 2009

DOMINATOR CORN

1T132** **1R133**

Market Choices**

VieldGard VT Triple **Roundup Ready** **Roundup Ready** **Insect Resistance Management**

77-79 RM

Key Strengths

- Yield potential and roots
- Plant at higher populations—32-34K
- Works well across soil types and management practices
- Out yielded other key checks in testing

Product Ratings

GDU's to mid-pollination.....	1095	Stalk Strength.....	4
GDU's to black layer.....	1950	Drought Tolerance.....	3
Planting Rate.....	Med/High-High	Greensnap.....	3
Plant Height.....	Medium	Staygreen.....	5
Ear Placement.....	Med-Low	Harvest Appearance.....	5
Emergence.....	3	Drydown.....	3
Seedling Growth.....	3	Test Weight.....	2
Root Strength.....	2		

DOMINATOR CORN

2T149** **2R147**

Market Choices**

VieldGard VT Triple **Roundup Ready** **Roundup Ready** **Insect Resistance Management**

85-87 RM

Key Strengths

- Good yield potential
- Very good stalks and roots, seedling vigor and test weight
- Plant at medium-high populations

Product Ratings

GDU's to mid-pollination.....	1160	Stalk Strength.....	3
GDU's to black layer.....	2150	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Med-Tall	Staygreen.....	4
Ear Placement.....	Med-High	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	3
Seedling Growth.....	2	Test Weight.....	2
Root Strength.....	4		

DOMINATOR CORN

1T568** **1R566**

Market Choices**

VieldGard VT Triple **Roundup Ready** **Roundup Ready** **Insect Resistance Management**

79-81 RM

Key Strengths

- Above average roots & stalks – high yield potential
- Plant at higher populations—30-32K+
- Keep in maturity zone—don't move too far south
- Good drydown for high test weight corn
- Harvest early in the fall

Product Ratings

GDU's to mid-pollination.....	1135	Stalk Strength.....	4
GDU's to black layer.....	2000	Drought Tolerance.....	3
Planting Rate.....	Med/High-High	Greensnap.....	5
Plant Height.....	Medium	Staygreen.....	4
Ear Placement.....	Med-Low	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	4
Seedling Growth.....	3	Test Weight.....	2
Root Strength.....	3		

NEW!

2T587** **2R584**

Market Choices**

VieldGard VT Triple **Roundup Ready** **Roundup Ready** **Insect Resistance Management** **SilageSmart**

85-87 RM

Key Strengths

- Very good stalks, roots and test weight
- Very good disease resistance package
- Tall dual-purpose corn
- Adapted to most crop rotations



Product Ratings

GDU's to mid-pollination.....	1180	Stalk Strength.....	4
GDU's to black layer.....	2150	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Tall	Staygreen.....	4
Ear Placement.....	Med-High	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	2
Seedling Growth.....	2	Test Weight.....	3
Root Strength.....	3		

NEW!

2T956** **2R954**

Market Choices**

VieldGard VT Triple **Roundup Ready** **Roundup Ready** **Insect Resistance Management** **SilageSmart**

82-84 RM

Key Strengths

- Stalks, roots and test weight
- Good choice for early planting
- Plant at higher populations for maximum silage production
- Works well across soil types and in various crop rotations
- Will work as dual purpose corn

Product Ratings

GDU's to mid-pollination.....	1175	Stalk Strength.....	3
GDU's to black layer.....	2075	Drought Tolerance.....	3
Planting Rate.....	Med/High-High	Greensnap.....	5
Plant Height.....	Medium	Staygreen.....	3
Ear Placement.....	Med-Low	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	4
Seedling Growth.....	3	Test Weight.....	3
Root Strength.....	3		



Key Scale for Hybrid Characteristics and Disease Ratings

1-2	3-4	5-6	7-8	9
Excellent	Very good	Good	Fair	Poor



REA BRAND CORN PRODUCTS 2009

NEW!
2T797** **2R798**
     

86-88 RM

Key Strengths

- Yield level potential
- Stalks, roots, staygreen and intactness
- Good choice for early planting
- Plant at higher populations for maximum silage production
- Works well across soil types and in various crop rotations
- Will work as dual purpose corn

Product Ratings

GDU's to mid-pollination.....	1230	Stalk Strength.....	3
GDU's to black layer.....	2175	Drought Tolerance.....	3
Planting Rate.....	Med/High-High	Greensnap.....	4
Plant Height.....	Med-Tall	Staygreen.....	3
Ear Placement.....	Med-High	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	4
Seedling Growth.....	3	Test Weight.....	4
Root Strength.....	3		

NEW!
4T297** **4R296**
     

94-96 RM

Key Strengths

- High yield potential
- Very good stalks and roots
- Good choice for early planting
- Plant at higher populations for maximum silage production
- Works well across soil types and in various crop rotations
- Will work as dual purpose corn

Product Ratings

GDU's to mid-pollination.....	1265	Stalk Strength.....	3
GDU's to black layer.....	2375	Drought Tolerance.....	3
Planting Rate.....	Med/High-High	Greensnap.....	4
Plant Height.....	Med-Tall	Staygreen.....	3
Ear Placement.....	Med-High	Harvest Appearance.....	4
Emergence.....	3	Drydown.....	3
Seedling Growth.....	3	Test Weight.....	5
Root Strength.....	3		

NEW!
3T110** **3R109**
     

91-93 RM

Key Strengths

- Yield potential
- Plant stature/appearance
- Stress tolerance
- Good choice for early planting
- Plant at higher populations for maximum silage production
- Works well across soil types and in various crop rotations

Product Ratings

GDU's to mid-pollination.....	1245	Stalk Strength.....	3
GDU's to black layer.....	2300	Drought Tolerance.....	3
Planting Rate.....	Med/High-High	Greensnap.....	4
Plant Height.....	Tall	Staygreen.....	3
Ear Placement.....	Med-High	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	4
Seedling Growth.....	3	Test Weight.....	4
Root Strength.....	4		

4T105** **4R337**
    

95-97 RM

Key Strengths

- Exceptional yield potential
- Very strong root package
- Good staygreen and intactness for its maturity
- Rapid drydown

Product Ratings

GDU's to mid-pollination.....	1225	Stalk Strength.....	4
GDU's to black layer.....	2450	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Medium	Staygreen.....	4
Ear Placement.....	Medium	Harvest Appearance.....	4
Emergence.....	3	Drydown.....	3
Seedling Growth.....	3	Test Weight.....	5
Root Strength.....	2		

4T417** **4R115**
    

92-94 RM

Key Strengths

- High yield potential
- Improvement in stalks compared to similar maturity products in lineup
- Adds some staygreen and test weight compared to other corn in this maturity

Product Ratings

GDU's to mid-pollination.....	1265	Stalk Strength.....	4
GDU's to black layer.....	2360	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Med-Tall	Staygreen.....	3
Ear Placement.....	Med/Med-High	Harvest Appearance.....	4
Emergence.....	3	Drydown.....	3
Seedling Growth.....	2	Test Weight.....	3
Root Strength.....	3		

4T722** **4N627**** **4R628**
     

96-98 RM

Key Strengths

- Exhibits very fast drydown
- Excellent seedling vigor
- Long shank corn but holds onto the ear
- Very good roots and stalk quality

Product Ratings

GDU's to mid-pollination.....	1250	Stalk Strength.....	3
GDU's to black layer.....	2450	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Medium	Staygreen.....	5
Ear Placement.....	Medium	Harvest Appearance.....	5
Emergence.....	3	Drydown.....	4
Seedling Growth.....	3	Test Weight.....	3
Root Strength.....	3		



5T750 ** 5R752**

YieldGard VT Triple Roundup Ready CORN 2

Market Choices Insect Resistance Management

99-101 RM

Key Strengths

- Top end, stable yield potential
- Very good stalks and roots
- High test weight grain

Product Ratings

GDU's to mid-pollination.....1265	Stalk Strength.....3
GDU's to black layer.....2530	Drought Tolerance.....3
Planting Rate.....Med-High	Greensnap.....4
Plant Height.....Medium	Staygreen.....3
Ear Placement.....Med-Low	Harvest Appearance.....4
Emergence.....3	Drydown.....2
Seedling Growth.....3	Test Weight.....2
Root Strength.....3	

5T514 ** 5R513**

YieldGard VT Triple Roundup Ready CORN 2

Market Choices Insect Resistance Management

101-103 RM

Key Strengths

- Very good stalks and roots
- Consistent performance
- Very good test weight and drydown

Product Ratings

GDU's to mid-pollination.....1300	Stalk Strength.....3
GDU's to black layer.....2550	Drought Tolerance.....4
Planting Rate.....Med-High	Greensnap.....4
Plant Height.....Medium	Staygreen.....5
Ear Placement.....Medium	Harvest Appearance.....4
Emergence.....3	Drydown.....2
Seedling Growth.....2	Test Weight.....2
Root Strength.....2	

DOMINATOR CORN

5T128 ** 5R127**

YieldGard VT Triple Roundup Ready CORN 2

Market Choices Insect Resistance Management

100-102 RM

Key Strengths

- Yield potential, stalks and roots
- A little better than average for Goss' Wilt in the far West
- Works well across soil types
- Good all-around agronomic package for consistent performance



Product Ratings

GDU's to mid-pollination.....1270	Stalk Strength.....4
GDU's to black layer.....2525	Drought Tolerance.....3
Planting Rate.....Med-High/High	Greensnap.....4
Plant Height.....Medium	Staygreen.....3
Ear Placement.....Medium	Harvest Appearance.....3
Emergence.....3	Drydown.....3
Seedling Growth.....3	Test Weight.....4
Root Strength.....4	

5T429

YieldGard VT Triple Roundup Ready CORN 2

Market Choices Insect Resistance Management

101-103 RM

Key Strengths

- Excellent seedling growth characteristics
- Flowers early for maturity
- Good choice for early planting

Product Ratings

GDU's to mid-pollination.....1260	Stalk Strength.....4
GDU's to black layer.....2560	Drought Tolerance.....3
Planting Rate.....Med-High	Greensnap.....5
Plant Height.....Medium	Staygreen.....3
Ear Placement.....Medium	Harvest Appearance.....3
Emergence.....2	Drydown.....5
Seedling Growth.....2	Test Weight.....3
Root Strength.....2	



Key Scale for Hybrid Characteristics and Disease Ratings

1-2	3-4	5-6	7-8	9
Excellent	Very good	Good	Fair	Poor



2N372



88-90 RM

Key Strengths

- Emergence and seedling growth
- Excellent test weight
- Flowers early for its maturity
- Very good stalks and roots

Product Ratings

GDU's to mid-pollination.....1190	Stalk Strength.....3
GDU's to black layer.....2270	Drought Tolerance.....3
Planting Rate.....Med-High	Greensnap.....4
Plant Height.....Tall	Staygreen.....3
Ear Placement.....Medium	Harvest Appearance.....4
Emergence.....3	Drydown.....3
Seedling Growth.....2	Test Weight.....3
Root Strength.....2	

5N503



99-101 RM

Key Strengths

- Very good emergence and seedling growth
- Very good stalks and roots
- Very good staygreen and disease package for a 100 day RM corn

Product Ratings

GDU's to mid-pollination.....1260	Stalk Strength.....3
GDU's to black layer.....2550	Drought Tolerance.....3
Planting Rate.....Med-High	Greensnap.....5
Plant Height.....Med-Tall	Staygreen.....4
Ear Placement.....Med-High	Harvest Appearance.....3
Emergence.....2	Drydown.....4
Seedling Growth.....3	Test Weight.....5
Root Strength.....3	

1915 YGCB/RR2



90-92 RM

Key Strengths

- Very strong roots with average stalks
- Flex ear corn
- Excellent seedling emergence
- Very good drydown

Product Ratings

GDU's to mid-pollination.....2230	Stalk Strength.....5
GDU's to black layer.....1210	Drought Tolerance.....3
Planting Rate.....Medium	Greensnap.....5
Plant Height.....Med-Tall	Staygreen.....4
Ear Placement.....Med-Tall	Harvest Appearance.....4
Emergence.....3	Drydown.....4
Seedling Growth.....3	Test Weight.....3
Root Strength.....3	

YieldGard® Corn Borer With Roundup Ready® Corn 2 Line Up

Brand Number	RM	Lead Product
2N372	88-90	
1915 YGCB/RR2	90-92	
1932 YGCB/RR2	91-93	
4N627	96-98	4T722
5N503	99-101	

1932 YGCB/RR2



91-93 RM

Key Strengths

- Very strong roots with average stalks
- Flex ear corn
- Excellent seedling emergence
- Use on your poorer acres

Product Ratings

GDU's to mid-pollination.....1210	Stalk Strength.....3
GDU's to black layer.....2250	Drought Tolerance.....3
Planting Rate.....Medium	Greensnap.....4
Plant Height.....Medium	Staygreen.....3
Ear Placement.....Medium	Harvest Appearance.....3
Emergence.....3	Drydown.....4
Seedling Growth.....3	Test Weight.....4
Root Strength.....4	

Seed Applied Insecticides

REA Brand corn products are treated with seed applied insecticides. Tests have proven that this investment helps to deliver in-season control of cutworms, wireworm, white grubs, seed corn maggots, and other secondary pests. A seed applied insecticide is required on all YieldGard® Plus, YieldGard Plus with Roundup Ready® Corn 2 and YieldGard VT Triple®.

1787 RR2



78-80 RM

Key Strengths

- Very good yield potential
- Very good stalks
- Excellent seedling vigor
- Good harvest appearance

Product Ratings

GDU's to mid-pollination.....	1250	Stalk Strength.....	5
GDU's to black layer.....	NA	Drought Tolerance.....	4
Planting Rate.....	Med/High-High	Greensnap.....	5
Plant Height.....	Medium	Staygreen.....	5
Ear Placement.....	Medium	Harvest Appearance.....	4
Emergence.....	3	Drydown.....	4
Seedling Growth.....	4	Test Weight.....	5
Root Strength.....	5		

2R101



85-87 RM

Key Strengths

- Very good emergence and seedling growth
- Very good test weight
- Very good stalks and roots
- Plant stature should allow for use as silage

Product Ratings

GDU's to mid-pollination.....	1210	Stalk Strength.....	3
GDU's to black layer.....	2250	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Tall	Staygreen.....	3
Ear Placement.....	Med-High	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	3
Seedling Growth.....	3	Test Weight.....	4
Root Strength.....	3		

1823 RR2



80-82 RM

Key Strengths

- Very good yield potential
- Very good stalks
- Excellent seedling vigor
- Good harvest appearance
- Fast drydown

Product Ratings

GDU's to mid-pollination.....	1260	Stalk Strength.....	5
GDU's to black layer.....	2103	Drought Tolerance.....	4
Planting Rate.....	Medium	Greensnap.....	5
Plant Height.....	Tall	Staygreen.....	5
Ear Placement.....	Medium	Harvest Appearance.....	4
Emergence.....	3	Drydown.....	4
Seedling Growth.....	4	Test Weight.....	5
Root Strength.....	5		

Roundup Ready Line Up

Brand Number	RM	Lead Product	Brand Number	RM	Lead Product
1R133	77-79	1T132	4R115	92-94	4T417
1787 RR2	78-80		4R296	94-96	4T297
1R566	79-81	1T568	4R337	95-97	4T105
1823 RR2	80-82		4R628	96-98	4T722
2R954	82-84	2T956	5R752	99-101	5T750
1817 RR2	84-86		5R127	100-102	5T128
2R101	85-87		5R513	101-103	5T514
2R147	85-87	2T149			
2R584	85-87	2T587			
2R798	86-88	2T797			
3R109	91-93	3T110			

1817 RR2



84-86 RM

Key Strengths

- Very good yield potential
- Very good stalks
- Excellent seedling vigor
- Great test weight and grain quality



Product Ratings

GDU's to mid-pollination.....	1240	Stalk Strength.....	2
GDU's to black layer.....	2320	Drought Tolerance.....	3
Planting Rate.....	Med-High	Greensnap.....	4
Plant Height.....	Tall	Staygreen.....	4
Ear Placement.....	Med-High	Harvest Appearance.....	5
Emergence.....	2	Drydown.....	3
Seedling Growth.....	2	Test Weight.....	2
Root Strength.....	3		



Key Scale for Hybrid Characteristics and Disease Ratings

1-2	3-4	5-6	7-8	9
Excellent	Very good	Good	Fair	Poor



DISEASE CHARACTERISTICS

Corn	Northern Corn Leaf Blight		Southern Corn Leaf Blight	Grey Leaf Spot	Eye Spot	Common Rust	Southern Rust	Anthracnose Leaf Rust	Anthracnose Stalk Rot	Stewarts Leaf Blight	Goss' Wilt
	Race 1	Race 2									
1T132/1R133	2	2	NA	NA	4	NA	NA	3	NA	5	5
1T568/1R566	3	4	NA	NA	3	NA	NA	3	NA	4	5
2T956/2R954	2	2	4	4	3	NA	NA	3	NA	4	4
2T149/2R147	3	4	NA	4	3	3	NA	3	6	4	6
2T587/2R584	2	3	NA	4	3	3	NA	3	NA	4	3
2T797/2R798	2	3	2	6	3	4	NA	3	NA	4	7
3T110/3R109	NA	NA	4	5	NA	2	NA	3	NA	2	4
4T417/4R115	3	5	3	7	4	2	7	3	NA	4	7
4T297/4R296	2	3	3	5	2	NA	NA	4	NA	3	4
4T105/4R337	4	3	2	5	2	3	5	3	5	3	3
4T722/4N627/4R628	3	3	2	6	3	3	6	3	5	3	4
5T750/5R752	2	1	4	6	3	3	6	3	4	4	6
5T128/5R127	3	3	3	6	3	3	5	3	6	3	4
5T429	3	4	2	6	3	2	8	2	5	2	7
5T514/5R513	3	4	3	6	3	2	7	3	4	4	6
2N372	3	4	3	5	2	5	7	3	6	5	6
1915 YGCB/RR2	5	5	5	5	4	4	4	4	4	5	4
1932 YGCB/RR2	4	4	4	5	4	4	4	5	4	4	4
5N503	3	4	3	5	3	3	6	3	5	4	4
1787 RR2	4	4	5	4	4	4	4	4	5	5	5
1823 RR2	4	3	NA	NA	4	4	5	4	4	4	4
1817 RR2	4	3	4	4	4	4	4	4	4	4	4
2R101	3	5	NA	NA	3	2	NA	3	NA	3	6
3976 RR2	4	NA	NA	4	3	3	4	4	4	3	4
5S207-HDS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6R173-HDS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Key Scale for Hybrid Characteristics and Disease Ratings	1-2 Excellent	3-4 Very good	5-6 Good	7-8 Fair	9 Poor
--	------------------	------------------	-------------	-------------	-----------

It's The Little Things That Make A Big Difference!

www.tjmicromix.com

Build a foundation for higher yield potential with TJ Quick Roots













QuickRoots is composed of live microorganisms, which can quickly colonize and grow with the root as a plant develops. The microorganisms in QuickRoots have been shown to increase availability of certain plant nutrients and can increase plant uptake. QuickRoots releases plant available phosphorus, which has been shown to increase root mass allowing the plant to explore a greater volume of soil. Increased plant nutrient availability will often lead to increased plant health and vigor, which can translate into a yield response.



It's the Little Things That Make A Big Difference!

www.tjmicromix.com

GENETIC FAMILY TREE

RM	  	  	  	
77-79	1T132			1R133
78-80				1787 RR2
79-81	1T568			1R566
80-82				1823 RR2
82-84	2T956			2R954
84-86				1817 RR2
85-87				2R101
85-87	2T149			2R147
85-87	2T587			2R584
86-88	2T797			2R798
88-90		2N372		
90-92		1915 YGCB/RR2		
91-93		1932 YGCB/RR2		
91-93	3T110			3R109
92-94	4T417			4R115
94-96	4T297			4R296
95-97	4T105			4R337
95-97				3976 RR2
96-98	4T722	4N627		4R628
99-101	5T750			5R752
99-101		5N503		
100-102	5T128			5R127
101-103	5T429			
101-103	5T514			5R513
102-104			5S207-HDS	
106-108				6R173-HDS

REA SilageSmart™

Just as corn selected for grain production have different characteristics, silage corns are developed for specific purposes and farming operations as well. That's where SilageSmart™ comes in.



REA has developed corn silages specifically for your operation. Producers can now choose from the following types of corns depending upon their intended use, farming practices, location and budget.

Highly Digestible Silage Corn (HDS)

HDS hybrids have high forage content of digestible forage, higher sugar content and softer, more digestible kernels. The plants mature more slowly – giving a longer period for silage harvest in the desired plant moisture range. Compared to traditional dual purpose corns, HDS have shown significantly higher NDF digestibility tested from 24-36 hours. High yields of HDS (with traits) will allow cattle producers to increase the amount of corn silage in the ration to combat the high cost of feed corn without the loss of production.

Dual Purpose Corn

REA is introducing a line of new corn numbers that offer the grower a choice of either high grain yield corn or high tonnage silage. These corn products are ideal for the cattle producer allowing for the opportunity to adjust corn acre usage to current market conditions.

HDS Characteristics:

- Extremely tall plant with more leaves above the ear.
- Softer kernel texture – little or no kernel bypass.
- Slower drying for longer harvest window.
- High tonnage produces more milk per acre.
- Available in new genetics and seed traits.

Dual Purpose Corn Characteristics:

- Look for the identifying SilageSmart logo.
- Flexibility to harvest either grain or cut for high tonnage silage.
- Available in the newest of genetics and traits.
- Some corn numbers selected for those marginal acres and economically priced.

REA BRAND CORN PRODUCTS 2009

3976 RR2



SilageSmart

95-97 RM

Key Strengths

- Good seedling vigor
- Tall plant
- Great stalks for your silage acres

Product Ratings

GDU's to mid-pollination.....	2500	Stalk Strength.....	3
GDU's to black layer.....	1250	Drought Tolerance.....	3
Planting Rate.....	Medium	Greensnap.....	5
Plant Height.....	Tall	Staygreen.....	4
Ear Placement.....	Med-Tall	Harvest Appearance.....	4
Emergence.....	3	Drydown.....	4
Seedling Growth.....	3	Test Weight.....	5
Root Strength.....	5		

6R173-HDS



NEW!

SilageSmart

106-108 RM

Key Strengths

- High grain yield potential
- Large plant profile will lead to high starch values and high silage yield

Product Ratings

GDU's to mid-pollination.....	NA	Stalk Strength.....	4
GDU's to black layer.....	NA	Drought Tolerance.....	3
Planting Rate.....	Med-Med/High	Greensnap.....	3
Plant Height.....	Tall	Staygreen.....	3
Ear Placement.....	Med-Tall	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	6
Seedling Growth.....	3	Test Weight.....	7
Root Strength.....	3		

5S207-HDS

NEW!



SilageSmart

102-104 RM

Key Strengths

- Soft grain texture with high starch digestibility

Product Ratings

GDU's to mid-pollination.....	NA	Stalk Strength.....	4
GDU's to black layer.....	2475	Drought Tolerance.....	3
Planting Rate.....	Med-Med/High	Greensnap.....	3
Plant Height.....	Tall	Staygreen.....	3
Ear Placement.....	Med-Tall	Harvest Appearance.....	3
Emergence.....	3	Drydown.....	6
Seedling Growth.....	3	Test Weight.....	7
Root Strength.....	3		

Dual Purpose Corn Line Up SilageSmart

Product Number	RM	Lead Product
2R101	85-87	
2R584	85-87	2T587
2R798	86-88	2T797
3R109	91-93	3T110
4R296	94-96	4T297



5825 RR BRAND **NEW!** **0.04** Maturity 

Strengths / Weaknesses

- Combines yield with best of class Iron Deficiency Chlorosis
- Great early soybean across Red River Valley
- Great emergence
- Strong lateral branches
- Small seeded

Emergence	2
No-Till.....	2
Standability	2
IDC (Iron Deficiency Chlorosis)	1.1
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	S/5
Height	27
Plant Type	M
Ave. Seed/lb.....	3300

6750 RR BRAND **NEW!** **0.5** Maturity 

Strengths / Weaknesses

- Top performing soybean
- Great yield potential
- Very good Iron Deficiency Chlorosis tolerance
- Lots of lateral branches
- Keep to the north of its maturity zone

Emergence	2
No-Till.....	3
Standability	3
IDC (Iron Deficiency Chlorosis)	1.7
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	R/1a
Height	33
Plant Type	M
Ave. Seed/lb.....	2700

5840 N RR BRAND **NEW!** **0.07** Maturity 

Strengths / Weaknesses

- Earliest Soybean Cyst Nematode variety available
- Great variety going West
- Tall plant with great emergence
- Strong branches

Emergence	2
No-Till.....	2
Standability	2
IDC (Iron Deficiency Chlorosis)	2.8
SCN (Soybean Cyst Nematode).....	R
PRR (Phytophthora Root Rot).....	S/5
Height	32
Plant Type	M
Ave. Seed/lb.....	3000

6858 RR BRAND **NEW!** **0.5** Maturity 

Strengths / Weaknesses

- Excellent Iron Deficiency Chlorosis tolerance
- 1k gene for excellent Phytophthora Root Rot resistance
- Stress soybean
- Showy at harvest
- Excellent in the heart of Red River Valley

Emergence	3
No-Till.....	2
Standability	3
IDC (Iron Deficiency Chlorosis)	1.1
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	R/1k
Height	30
Plant Type	M
Ave. Seed/lb.....	3500

5771 RR BRAND **NEW!** **0.07** Maturity 

Strengths / Weaknesses

- Great Iron Deficiency Chlorosis tolerance
- Lots of branches & good standability
- Keep in northern North Dakota
- 1k gene for excellent Phytophthora Root Rot resistance

Emergence	2
No-Till.....	3
Standability	3
IDC (Iron Deficiency Chlorosis)	1.7
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	R/1k
Height	30
Plant Type	M
Ave. Seed/lb.....	3200

COMING SOON STAY TUNED



ROUNDUP READY 2 YIELD™:

TAKING SOYBEAN YIELD TO A HIGHER LEVEL

Roundup Ready 2 Yield™ is taking soybeans to a whole new level through advanced technology and breeding:

- The next generation of Roundup Ready® delivering top-end yield potential
- Four years of research demonstrates a 7-11% yield increase over Roundup Ready*
- Same simple, dependable weed control you expect from Roundup Ready soybeans



*Roundup Ready 2 Yield soybeans yield 7% to 11% higher than Roundup Ready soybeans based on 73 Monsanto field trials (17-20 per year) from 2004-2007. Four-year average advantage for Roundup Ready 2 Yield = 8.63%, with a 95% confidence interval that growers should experience between 6.8% and 10.5% advantage from Roundup Ready 2 Yield. Individual results may vary, and performance may vary from location to location and from year to year.

When Roundup Ready 2 Yield soybeans are made available for commercial release and use, they will be subject to Monsanto Company's comprehensive stewardship plans consistent with its Stewardship Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Roundup Ready 2 Yield soybean seed and any product of a Roundup Ready 2 Yield soybean seed or crop 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.

6832 RR BRAND **NEW!** **0.2** Maturity 

Strengths / Weaknesses

- Excellent performance in 0.2 relative maturity Group
- Yields great where Iron Deficiency Chlorosis is not a factor
- 1k gene for excellent Phytophthora Root Rot resistance
- Good stress tolerance
- Semi-open canopy

Emergence	2
No-Till.....	2
Standability	2
IDC (Iron Deficiency Chlorosis)	2.8
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	R/1k
Height	28
Plant Type	M
Ave. Seed/lb.....	3200

K	Emergence	1-9	I	1-5	SCN (Soybean Cyst Nematode)	PRR (Phytophthora Root Rot)	Plant Type			
	No-Till	1 = Excellent		1 = Excellent				S - susceptible	S - susceptible; # = field tolerance rating	M - Medium
	Standability	9 = Poor		5 = Poor				MR - moderately resistant	R - resistant; 1k or 1a = resistance gene	

REA BRAND SOYBEAN PRODUCTS 2009

6764 RR BRAND

0.6 Maturity



Strengths / Weaknesses

- Top performing soybean
- Excellent yield potential
- Many lateral branches
- Well adapted for western climates
- Keep off heavy, clay areas

Emergence	3
No-Till.....	3
Standability	3
IDC (Iron Deficiency Chlorosis)	2.8
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	S/4
Height	30
Plant Type	M
Ave. Seed/lb.....	3000

7763 N RR BRAND

1.6 Maturity



Strengths / Weaknesses

- Attractive, high yield potential variety
- Resistant to Soybean Cyst Nematode
- 1k gene for excellent Phytophthora Root Rot resistance
- Moderate height with good standability

Emergence	3
No-Till.....	3
Standability	3
IDC (Iron Deficiency Chlorosis)	2.2
SCN (Soybean Cyst Nematode).....	MR
PRR (Phytophthora Root Rot).....	R/1k
Height	34
Plant Type	M
Ave. Seed/lb.....	3100

6870 RR BRAND



0.7 Maturity



Strengths / Weaknesses

- Great yield potential
- Good Iron Deficiency Chlorosis tolerance
- Good height and standability
- Fits well between 6764 RR and 6791 RR

Emergence	2
No-Till.....	2
Standability	2
IDC (Iron Deficiency Chlorosis)	2.2
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	S/5
Height	34
Plant Type	M
Ave. Seed/lb.....	3000

7772 RR BRAND

1.7 Maturity



Strengths / Weaknesses

- 1k gene for excellent Phytophthora Root Rot resistance
- Good yield potential
- Attractive dark green color
- Very good brown stem rot ratings

Emergence	3
No-Till.....	3
Standability	2
IDC (Iron Deficiency Chlorosis)	2.2
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	R/1k
Height	35
Plant Type	M
Ave. Seed/lb.....	2800

6791 RR BRAND

0.9 Maturity



Strengths / Weaknesses

- Outstanding yield potential
- Excellent height
- Able to move south and west
- Long lateral branches; big and wide

Emergence	3
No-Till.....	3
Standability	5
IDC (Iron Deficiency Chlorosis)	2.8
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	S/4
Height	38
Plant Type	M
Ave. Seed/lb.....	2900

8705 N RR BRAND

2.0 Maturity



Strengths / Weaknesses

- Great yield potential
- Excellent plant height and branching
- Good standability
- Resistant to Soybean Cyst Nematode
- 1k gene for excellent Phytophthora Root Rot resistance

Emergence	3
No-Till.....	3
Standability	3
IDC (Iron Deficiency Chlorosis).....	2.8
SCN (Soybean Cyst Nematode).....	MR
PRR (Phytophthora Root Rot).....	R/1k
Height	37
Plant Type	M
Ave. Seed/lb.....	3100

7733 RR BRAND

1.3 Maturity



Strengths / Weaknesses

- 1k gene for excellent Phytophthora Root Rot resistance
- Moderate plant height
- Moves north in early Group 1 zone
- Good Iron Deficiency Chlorosis tolerance

Emergence	3
No-Till.....	3
Standability	4
IDC (Iron Deficiency Chlorosis)	1.7
SCN (Soybean Cyst Nematode).....	S
PRR (Phytophthora Root Rot).....	R/1k
Height	33
Plant Type	M
Ave. Seed/lb.....	2700



ALFALFA



Ovation 2 is a second generation StandFast™ alfalfa with the Fast Growth trait that brings more yield potential and a stronger disease package that maximizes total seasonal forage yield for those aggressive alfalfa managers. Ovation 2's fast growth contributes to moisture conservation and better weed control by closing the canopy more quickly, which results in bigger second, third and fourth crops.



Exceptional regrowth is up to 30% faster which offers large acreage alfalfa growers and contract harvesters a faster start to the harvest season and the ability to maximize cuttings per year. With bred-in tolerance to extra wheel traffic, Ovation 2 handles more frequent harvesting operations resulting in more milk, beef or tons per acre.

- Maximizes forage yield and quality potential
- Extra 6" growth in the first 21 days following harvest
- Faster recovery and 30% faster regrowth after each cutting results in crop ready for harvest 3-5 days earlier
- Standability protects yield and quality
- CP, NDFD, ADF, RFQ equal to best conventional alfalfas



401TX

401TX is a unique alfalfa with plant types that feature genetics to establish better stands, higher yields than conventional alfalfa, persist longer, tolerate heavy traffic and grazing and resist problem disease and insects. In an exclusive process, 401TX plant types have larger crowns and larger branching roots for high genetic potential. 401TX offers high resistance to all major alfalfa diseases with a unique protection against Phoma Crown Rot.

TRIPLE 333+ ALFALFA

Triple 333+ is a high yield potential blend that is economically priced. It adapts to most soil types and is persistent.

Variety	Fall Dormancy	Winter Hardiness	Bacterial Wilt	Verticillium Wilt	Fusarium Wilt	Anthrachnose	PRR	Aphanomyces	Spotted Alfalfa Aphid	Pea Aphid
Ovation 2	4	2	HR	HR	HR	HR	HR	R	R	R
401TX	NA	NA	HR	R	HR	HR	HR	R	MR	R
Triple 333+	4	2.6	HR	MR	R	MR	R	R	MR	R

Key: 1 - Poor 5 - Excellent HR - Highly Resistant R - Resistant M - Medium Resistant L - Low Resistant NA - Not Available

SUNFLOWERS

REA 902 NS

- A Mid Oleic sunflower with the stats that can give growers higher yields
- Proprietary genetics
- Great yield potential
- Very good oil content
- Excellent agronomics
- Well adapted to early or late planting
- Use as a double crop hybrid on the High Plains

DPM.....	99
Yield Potential.....	9
Oil Content.....	9
Height.....	60-70"
Mid Oleic Score.....	8
Self Compatibility.....	9
Stalk Strength.....	8
Vigor.....	8
Test Weight.....	5

IS 4668 NS/CL

- A top performing Nusun® product that utilizes the Clearfield herbicide system for broadleaf and grassy weed control.
- Dual purpose for either the dehull or oil market
- Excellent yield potential
- Stable performance with strong oleic levels across environments
- Excellent early season growth

DPM.....	98
Yield Potential.....	9
Oil Content.....	5
Height.....	68-72"
Mid Oleic Score.....	NA
Self Compatibility.....	9
Stalk Strength.....	7
Vigor.....	9
Test Weight.....	7

IS 6131 NS/DM

- Excellent oil content and high yield potential
- Early maturity Nusun product with fast drydown
- Medium plant height with excellent standability
- Strong oleic levels make this product ideal for the Nusun market and transfat free applications
- Resistant to all known races of downy mildew

DPM.....	93
Yield Potential.....	9
Oil Content.....	9
Height.....	50-65"
Mid Oleic Score.....	NA
Self Compatibility.....	9
Stalk Strength.....	8
Vigor.....	7
Test Weight.....	8

Key: DPM = Days to physiological maturity

- 9 = Excellent
- 5 = Average
- 1 = Poor



Ask your REA representative about the exciting new Interstate brand sunflowers currently in testing to be announced for release in spring of 2009

Contact REA Hybrids

PO Box 908, Aberdeen, SD, 57402-0908
 1-866-REA-SEED 605-225-7061 FAX 605-225-7791



Monte Heilman, Miller, SD
 Regional Sales Manager
 mheilman@rea-hybrids.com
 Home: 605-853-3082
 Cell: 605-380-6046



Mike Dietrich, Moorhead, MN
 Product Lead / Agronomist
 mdietrich@rea-hybrids.com
 Home: 701-412-6777
 Cell: 701-412-6777



Tony Baumgartner, Moffit, ND
 Territory Sales Manager
 abaumgartner@rea-hybrids.com
 Home: 701-782-4206
 Cell: 701-400-9580



Brett Bowman, Bowman, ND
 Territory Sales Manager
 bbowman@rea-hybrids.com
 Home: 701-279-9889
 Cell: 701-440-9936



Jared Brueggeman, Highmore, SD
 District Sales Manager
 jbrueggeman@rea-hybrids.com
 Home: 605-852-2102
 Cell: 605-870-6422



Preston Dagen, Lake Park, MN
 District Sales Manager
 pdagen@rea-hybrids.com
 Home: 218-532-2201
 Cell: 218-843-1808



Shane Erickson, Dickinson, ND
 District Sales Manager
 serickson@rea-hybrids.com
 Home: 701-483-3634
 Cell: 701-290-2784



Kendrick Heilman, Aberdeen, SD
 District Sales Manager
 kheilman@rea-hybrids.com
 Home: 605-216-3510
 Cell: 605-216-3510



Larry Vietmeier, Colombia, SD
 District Sales Manager
 lvietmeier@rea-hybrids.com
 Home: 605-396-2411
 Cell: 605-216-1804

Support Staff

	Office	Cell
Charlie Rea, President brodcoinc@yahoo.com	605-225-7061	605-380-6047
Doug Jorgensen, Warehouse Manager reawhman@yahoo.com	605-225-7061	605-216-2927
Ruby Liebel, Office Manager reahybrd@nvc.net	605-225-7061	605-380-4504



REA dealer Adam Heilman believes in family, both his own and the greater family of REA dealers and customers. Adam and his wife Theresa are proudly pictured with all 10 of their grandchildren. Not pictured are their four children: daughters Carie and Amanda and sons REA Regional Sales Manager Monte and District Sales Manager Kendrick.

During Adam's 30 years as a REA dealer, he's steadily grown his dealership and stays with REA because of REA's regional expertise. "REA is a people oriented company. They know this area and the needs of the farmers in this area, which helps them put the right genetics in the right place. That makes my job easier because my customers tell other growers about how great their REA products perform."



We are proud to feature our customers and dealers on the cover of our Seed Guide each year. We are thankful for the opportunity to be a part of their farming successes and appreciate their long support of REA products.

Pictured; the Heilman family back row left to right: Jenna Heilman, Kennedy Kappes, Theresa Heilman holding Tabitha Beyers, Adam Heilman holding Jorryn Heilman, and Adam Kappes. Front row left to right: Greta Beyers, Kaia Heilman, Elijah Beyers, Michaela Kappes and Peyton Beyers.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed set forth in the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

Comparison of Key Refuge Requirements

Corn				
Refuge Type	Common, Adjacent Or Separate	Common Refuge	Separate Refuge	
Control Target	European or southwestern corn borer	Corn Borer and corn rootworm	Corn rootworm	Corn borer
% Non-B.t. Corn Refuge	20% of corn acres	20% of corn acres	20% of corn acres	20% of corn acres
Refuge location	Within, adjacent or separate, if separate, refuge within ½ mile of field (1/4 preferred)	Within or adjacent to field	Within or adjacent to field	Within ½ mile of field (1/4 mile preferred)
Refuge configuration options	Separate, block, strips or perimeter	Block, strips or perimeter	Block, strips or perimeter	Block, strips or perimeter
Strip or perimeter width	At least four consecutive rows wide (six or more preferred)	At least four consecutive rows wide	At least four consecutive rows wide	At least four consecutive rows wide



Grain harvested from products that bear this mark is fully approved for food and feed use in the United States and Japan, but is not approved in the European Union. You must find a market for this crop that will not ship this grain or its processed products to Europe. Appropriate markets for this grain include: domestic feed use or grain handlers that specifically agree to accept this grain and handle it appropriately. For more information on your grain market options, go to the American Seed Trade Association's website at www.amseed.org or call your seed supplier. MARKET CHOICES® is a registered certification mark used under license from ASTA.

Know Before You Grow®, an information service provided by National Corn Growers Association at www.ncga.com.

Growers should refer to Monsanto's Technology Use Guide for information on crop stewardship regarding the potential movement of pollen to neighboring crops. Know Before You Grow® is a registered service mark of National Corn Growers Association. For more information call 1-866-SELL CORN.

IMPORTANT: The following information is current as of 7/22/08: YieldGard Plus and YieldGard Rootworm with Roundup Ready Corn 2 and YieldGard Corn Borer with Roundup Ready Corn 2 are grandfathered for import and use in processed feed in the E.U. YieldGard Plus with Roundup Ready Corn 2, YieldGard VT Rootworm/RR2, YieldGard VT Triple, YieldGard VT Triple PRO are neither approved nor grandfathered and there is zero tolerance for these traits in processed feed imported in the E.U. Growers of all products bearing the Market Choices mark must talk to their grain handler to confirm the handler's buying position for grain from these products. **It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted.**

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® agricultural herbicides. Roundup® agricultural herbicides will kill crops that are not tolerant to glyphosate. Degree Xtra® and Harness® Xtra are restricted use pesticides and are not registered in all states. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local Monsanto dealer or representative for the product registration status in your state. YieldGard VT PRO™ and YieldGard VT Triple PRO™ commercialization is dependent on many factors, including successful conclusion of regulatory process. YieldGard VT PRO™ and YieldGard VT Triple PRO™ has not been registered by the U.S. Environmental Protection Agency. It is a violation of federal law to promote or sell an unregistered pesticide. Cleaner Fields, Higher Yields®, Degree Xtra®, Harness® Xtra, Processor Preferred®, Processor Preferred and Design™, Roundup®, Roundup Ready®, Roundup WeatherMAX®, START CLEAN, STAY CLEAN.™, Transorb & Design®, YieldGard®, YieldGard VT and Design®, YieldGard VT Rootworm/RR2®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC. Interstate® is a registered trademark of DeKalb Genetics Corporation. SilageSmart™ and Design™ are trademarks of Fontanelle Hybrids, Inc. All other trademarks are the property of their respective owners. ©2008 Monsanto Company.



P.O. BOX 908
Aberdeen, SD 57402-0908
1-866-REA-SEED
www.rea-hybrids.com