

2009

75 Years!

MUNSON HYBRIDS



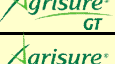
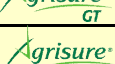
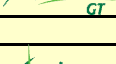
Exceeding Your Expectations . . .

Grain Hybrids



Conventional Hybrids

11240	-	78 day	» Early flowering 78 day dent hybrid » Solid disease package	» Extremely fast drydown » Dual purpose possibilities
14230	-	87 day	» Unmatched yield for maturity » Very good grain quality	» Very consistent ears down the row » Excellent Northern adaptation
16370	-	94 day	» Excellent standability » Exceptional seedling vigor	» Very good grain quality and test weight » Very good ear flex
19450*	-	102 day	» Excellent ear flex and robust plant type allows for dual purpose grain & silage choice » Excellent top end yield and consistency » Excellent drydown	


Roundup Ready® Corn 2 (RR) or Agrisure® GT Hybrids (GT)

11240RR	RR	78 day	 » Early flowering 78 day dent hybrid » Solid disease package	» Extremely fast drydown » Dual purpose possibilities
13550RR	RR	83 day	 » High yielding refuge option » Very good ear flex	» Very good drydown » Strong stalks with good fall appearance
14230GT	GT	87 day	 » Unmatched yield for maturity » Very good grain quality	» Very consistent ears down the row » Excellent Northern adaptation
16580GT	GT	93 day	 » Early flowering for maturity » Excellent yield potential	» Very good health and staygreen » Good test weight & grain quality
17680GT	GT	95 day	 » Tremendous yield potential » Consistent girthy ears	» Fast drydown for maturity » good test weight









RR or GT / Corn Borer Hybrids

14231LLGT	 CB,LL,GT	87 day	 » Unmatched yield for maturity » Very good grain quality	» Very consistent ears down the row » Excellent Northern adaptation
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Rootworm / Corn Borer Hybrids



14236LL	 CB,RW,LL	87 day	» Unmatched yield for maturity » Very good grain quality	» Very consistent ears down the row » Excellent Northern adaptation
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Triple or Quad Stack Hybrids



14345RR	 CB,RW,RR	86 day	 » Consistent performance across a wide variety of environments » Very good stalks and roots	» Good stress tolerance
16156LLGT	 CB,RW,LL,GT	92 day	 » Dependable, consistent yield » Very good test weight	» Strong stalks & roots » Will perform well at high populations
15845RR	 CB,RW,RR	92 days	 » Dependable, consistent yield » Excellent seedling vigor	» Strong roots & very good ear flex » Good Fall appearance
18656LLRR*	 CB,RW,LL,RR	100 day	 » Tremendous top end yield » Excellent dual purpose hybrid	» Excellent seedling vigor » Fuller season option that moves North well

Silage Hybrids

Leafy Tree Silage Only Corn

LFT15330RR	RR	89 day	 » High yield potential for maturity » 16 rows of soft kernel texture seed on a flex ear	» 9-10 wide leaves above the ear
LFT17420RR	RR	97 day	 » Good late season health » Long pink cob with 14-16 rows & excellent grain content	» 9-10 wide leaves above the ear
LFT18260	-	98 day	» Excellent feed quality & high yield » White flex cob with 18-20 rows of energy rich, soft kernels of grain	» 9-10 wide leaves above the ear

Dual Purpose Silage Corn

18656LLRR*	 CB,RW,LL,RR	100 day	 » Tall robust plant producing excellent tonnage » Top grain yield for unused acres	» Long flex ear
19450*	-	102 day	» Robust plant type, soft kernels and good digestability » Top grain yield for unused acres	» Full ear flex with a white cob



Product Placement Guide

	Relative Maturity	Technology Trait	Highly Productive Soils	Stress Prone Soils	Poorly Drained Soils	Early Planting/No-Till	Pollination Heat Stress	Continuous Corn	High Populations ≥ 32,000	Low Populations ≤ 28,000	Response to Fungicide
11240	78	-									
14230	87	-									
16370	94	-									
19450*	102	-									
11240RR	78	RR									
13550RR	83	RR									
14230GT	87	GT									
16580GT	93	GT									
17680GT	95	GT									
14231LLGT	87	CB,LL,GT									
14236LL	87	CB,RW,LL									
14345RR	86	CB,RW,RR									
16156LLGT	92	CB,RW,LL,GT									
15845RR	92	CB,RW,RR									
18656LLRR*	100	CB,RW,LL,RR									
Highly recommended			Recommended				Needs Careful Management				

2009 Wisconsin Corn Guide

Hybrid	Maturity	Plant Height	Ear Type	Cob Color	Emergence	Stalk Strength	Root Strength	Drydown	Test Weight	Eyespot	Northern Corn Leaf Blight	Common Rust	Optimum Planting Range (K)
11240	78	MT	F	P	2.0	3.0	3.0	1.0	2.0	1.5	2.0	2.0	28-32
14230	87	M	F	R	1.0	1.0	3.0	1.5	2.0	1.5	2.5	3.0	26-30
16370	94	M	F	P	1.0	1.0	2.0	2.0	1.0	1.5	2.5	3.0	26-32
19450*	102	MT	F	W	1.5	2.0	1.5	1.5	2.0	1.5	1.5	2.0	26-32
11240RR	78	MT	F	P	2.0	3.0	3.0	1.0	2.0	1.5	2.0	2.0	28-32
13550RR	83	M	F	P	1.0	2.0	3.0	1.5	4.0	1.5	2.5	3.0	26-30
14230GT	87	M	F	R	1.0	1.0	3.0	1.5	2.0	1.5	2.5	3.0	26-30
16580GT	93	M	SF	R	2.0	1.0	2.0	2.0	2.0	1.5	3.0	2.0	28-32
17680GT	95	MT	SD	R	2.0	1.0	3.0	2.0	3.0	1.5	3.0	2.0	28-32
14231LLGT	87	M	F	R	1.0	1.0	3.0	1.5	2.0	1.5	2.5	3.0	26-30
14236LL	87	M	F	R	1.0	1.0	3.0	1.5	2.0	1.5	2.5	3.0	26-30
14345RR	86	M	SD	R	2.0	1.5	1.5	2.0	2.0	1.5	1.5	1.5	28-32
16156LLGT	92	M	F	R	2.0	2.0	2.0	2.0	1.0	1.5	3.0	2.0	26-32
15845RR	92	MT	F	R	1.5	2.5	2.0	2.0	2.0	1.5	2.5	2.0	26-32
18656LLRR*	100	T	F	R	2.0	2.0	2.0	1.5	2.0	2.0	1.5	2.0	26-30

Ratings: 1 to 5 with 1 being excellent and 5 being poor

* Denotes dual purpose grain & silage hybrid

Plant Height Scale: MS = Medium Short, M = Medium, MT = Medium Tall, T = Tall


Cob Color: W=White, P=Pink, R=Red

Ear Type Scale: F = Flex, SF = Semi-Flex, SD = Semi-Determinate, D = Determinate

Traits Guide: CB=corn borer trait RW=rootworm trait RR or GT=glyphosate herbicide tolerance LL=tolerance to Liberty Link system herbicides

2009 Munson Hybrids Alfalfa Guide

Phirst Hybrid Alfalfa

Phirst hybrid alfalfa was developed using the patented  Hybrid Alfalfa Technology. **Phirst** expresses *outstanding forage yields in aggressive cutting regimes* across diverse environments. The forage yield capabilities of **Phirst** are exceeding 109% of the best current alfalfas. **Phirst's** forage quality capabilities are greater than 10 relative feed value points of the most popular alfalfas. It also has a distinctive rapid regrowth after harvest with excellent winter survival abilities and solid persistence.

Agronomic Traits		Location	Year	Performance
Bacterial Wilt	HR	Cobly, KS	2003-05	1st out of 39**
Fusarium Wilt	HR	Landisville, PA	2000-04	3rd out of 27*
Phytophthora Root Rot	HR	Ames, IA	2000-03	3rd out of 30*
Anthrachnose (Race 1)	HR	Morrisville, NY	2001-04	4th out of 14
Verticillium Wilt	R	Arlington, WI	2000-02	4th out of 42
Aphanomyces Root Rot (Race 1)	R	Geneva, NY	2001-04	5th out of 15
Stem Nematode	R	Mead, NE	2003-05	5th out of 20*
Spotted Alfalfa Aphid	R	Topeka, KS	2003-05	6th out of 12*
Northern Root knot Nematode	HR	S. Charleston, OH	2001-04	7th out of 13
Pea Aphid	R	N. Baltimore, OH	2001-04	8th out of 12
Winter Survival	2.2	Ithaca, NY	2001-04	9th out of 16
Fall Dormancy	4	Mead, NE	2000-03	9th out of 46*
Maturity	Early-Medium	Lancaster, WI	2003-06	9th out of 32*
DRI	28	Stearns Co., MN	2003-06	9th out of 27
Root Type	Tap	Concord, NE	2003-05	10th out of 24*

PerForm Alfalfa

PerForm is a high forage yielding, high forage quality, *multi leaflet alfalfa*. The high relative forage quality feature will produce dairy quality herbage for the expanding herds. It expresses high resistance to the six major diseases that attack alfalfa. **PerForm** is adapted to the greater dormant alfalfa growing regions of the United States.



Agronomic Traits	
Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthrachnose (Race 1)	HR
Aphanomyces Root Rot (Race 1)	HR
Stem Nematode	HR
Northern root-knot nematode	HR
Southern root-knot nematode	R
Pea Aphid	R
Winter Survival and Adaptation	
Fall Dormancy	4.0
Winter Survival	2.0
Stand Persistence	Excellent
DRI	30
Traits	
Drought Stress	Excellent
Growth Habit	Upright
Recovery after Cutting	Very Fast
Fineness of Stem	Fine
Leafiness	V. High Leaf to Stem
Plant Color	Medium Green
Wheel Traffic Tolerance	Very Good
Forage Quality	Exceptional

University Forage Yield Trials

Location	Year	Performance
Stillwater, OK	2006-07	1st out of 12**
Lexington, KY	2006-07	2nd out of 14*
Wooster, OH	2006-08	2nd out of 16*
Rosemount, MN	2006-08	3rd out of 14*
Perkins, OK	2006-07	3rd out of 12*
Ames, IA	2006-07	3rd out of 24*
Marshfield, WI	2006-08	3rd out of 19*
Ottertail Co., MN	2006-08	3rd out of 15*
Chazy, NY	2005-08	4th out of 16
Freeport, IL	2005-08	4th out of 14*
Lamberton, MN	2005-08	5th out of 18*
Ithaca, NY	2005-08	7th out of 19*
Othello, WA	2006-07	7th out of 30*
Wabasha, MN	2006-08	11th out of 18*
Arlington, WI	2006-08	11th out of 22
Rock Springs, PA	2005-07	12th out of 32
Landisville, PA	2005-07	12th out of 26
Fond du Lac, WI	2005-08	24th out of 33*

** : First place entry in test

* : Statistically equal to first place entry

2009 Munson Hybrids Alfalfa Guide

Milestone Alfalfa

Milestone alfalfa is a branched rooted, high forage yielding, winter hardy variety *designed for poorly drained soils*. Its root system has been genetically designed with a greater degree of the branched rooted trait. This trait helps keep more of the root system above the water table and better secures the plant in the ground when freezing and thawing occurs. The branch-rooted trait will adjust as moisture stresses intensify. **Milestone** would be a good companion alfalfa to a highly productive tap rooted variety.



Agronomic Traits

Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	R
Anthraco-nose (Race 1)	R
Aphanomyces Root Rot (Race 1)	R
Stem Nematode	R
Northern root-knot nematode	HR
Spotted Alfalfa Aphid	R
Pea Aphid	R
Winter Survival and Adaptation	
Fall Dormancy	3.2
Winter Survival	2.0
DRI	27

University Forage Yield Trials

Location	Year	Performance
Stillwater, OK	2006-07	1st out of 12**
Lexington, KY	2006-07	2nd out of 14*
Wooster, OH	2006-08	2nd out of 16*
Rosemount, MN	2006-08	3rd out of 14*
Ames, IA	2006-07	3rd out of 24*
Marshfield, WI	2006-08	3rd out of 19*
Ottertail Co., MN	2006-08	3rd out of 15*
Freeport, IL	2005-08	4th out of 14*
Lamberton, MN	2005-08	5th out of 18*
Othello, WA	2006-07	7th out of 30*
Wabasha, MN	2006-08	11th out of 18*
Arlington, WI	2006-08	11th out of 22
Rock Springs, PA	2005-07	12th out of 32
Fond du Lac, WI	2005-08	24th out of 33*

** : First place entry in test

* : Statistically equal to first place entry

Potato Leafhopper Alfalfa

PLH 4000 is a new, glandular hair brand for growers who count on genetic resistance to provide protection against Potato Leafhopper injury. It provides an improved agronomic package for yield and Potato Leafhopper tolerance while offering excellent persistence, forage quality, spring vigor and winter-hardiness. It is ideal for use in no-spray situations.

Agronomic Traits

Fall Dormancy	3.7	Stem Nematode	-
Fusarium Wilt	HR	Spotted Alfalfa Aphid	-
Phytophthora Root Rot	HR	Pea Aphid	HR
Verticillium Wilt	R	Bacterial Wilt	HR
Anthraco-nose (Race 1)	HR	Aphanomyces Root Rot	HR
		Potato Leafhopper	HR

Multi-Leaf Alfalfa

This is a fine-stemmed, leafy variety valued for high forage quality and yields. It is broad-crowned with a freely branching tap root. It is exceptionally winter-hardy.

Agronomic Traits

Fall Dormancy	2	Stem Nematode	-
Fusarium Wilt	MR	Spotted Alfalfa Aphid	-
Phytophthora Root Rot	-	Pea Aphid	-
Verticillium Wilt	-	Bacterial Wilt	R
Anthraco-nose (Race 1)	-	Aphanomyces Root Rot	MR

2009

75 Years!

MUNSON HYBRIDS

Exceeding Your Expectations . . .

Roundup Ready® Soybeans

8159RR	1.5 Maturity	» Resistant to Brown Stem Rot » Consistent high yields over multiple years	» K gene plus great field tolerance to Pytophthora Root Rot
8199RR	1.9 Maturity	» New 1.9 maturity with superior yields » Excellent emergence, standability and Phytophthora tolerance	» Unique genetics with extensive branching
8229RR	2.2 Maturity	» Setting yield records as a new variety in 2008 » Taller variety with resistance to Brown Stem Rot and excellent White Mold tolerance	

Conventional Soybeans

8191	1.9 Maturity	» Conventional with Soybean Cyst Nematode protection » Bushy plant type with superior white mold tolerance	» Outstanding multiple year yield history » Weed control flexibility with SU chemistry tolerance
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2009 Wisconsin Soybean Guide

Variety	Maturity	Technology	Plant Type (1)	Plant Height	Emergence	Standability	Protein	Phytophthora Root Rot	PRR Field Tolerance	Sclerotinia White Mold	Brown Stem Rot	Iron Chlorosis	Sudden Death Syndrome	SCN (2)	Flower Color	Pubescence Color	Pod Color
Roundup Ready® Soybeans																	
8159RR	1.5	RR	2.0	MT	1.5	1.7	40.4	RG1k	2.2	1.4	MR	2.4	NA	S	Purple	Lt. Tawny	Tan
8199RR	1.9	RR	2.0	M	1.7	1.6		XG1k	1.9	1.4	R	2.6	NA	LR3	SEG	Lt. Tawny	Tan
8229RR	2.2	RR	2.0	T	1.7	1.8		-	2.0	1.2	R	2.4	NA	S	White	Lt. Tawny	Brown
Conventional Soybeans																	
8191	1.9	STS	3.0	MT	1.8	1.9	41.0	-	1.6	0.9	2.15	2.8	1.6	LR3	White	Lt. Tawny	Brown

Ratings: 1 to 5 with 1 being excellent and 5 being poor

(1) Plant Type: 1 = Thinline 2 = Semi-bush 3 = Bush

(2) SCN = Soybean Cyst Nematode: R = Resistant, MR = Moderately Resistant, LR = Low Resistance, S = Susceptible

