Red Robin Seeds is a subsidiary of Schumitsch Seed Inc.
WE ARE RED ROBIN SEEDS.

Often times we get asked “How do you stay in the business of seed oats when it seems that people all around are planting less oats than ever before?”

That’s a tough question for us to answer. You see, unlike the other seed producers that market seed oats as a supplement to their business, we produce it as practically the entire means to our livelihood - and we love it. We take seed oats seriously, and our customers recognize that. Every year we strive to work with our customers and dealers to continue to exceed their expectations, and that’s what keeps us going.

We realize that oats aren’t taken seriously by many, but that doesn’t stop us from taking them seriously. That’s why we’ve been diligently working alongside the University of Wisconsin - Madison to release new varieties that we know you’re going to love.

We would like to thank our loyal customers and also our new customers that are just getting to know us. We look forward to continuing to serve you as the leading seed oat producer in the Midwest.

Red Robin Seeds
420 Wausau Road - Antigo WI 54409
P. 800-533-3410 - www.s-seed.com
Introducing The Sensational New Antigo Seed Oat Variety

ANTIGO ** Hot New Release!
Named after our home-town location.
Scale tipping test weights with extraordinary yield!
Test weights averaging 39-41lbs in the UW trials.

Maturity: Early
Lodging: Low
Height: Medium-Short
PVP: Yes

Antigo is an early season oat developed at the University of Wisconsin and freshly released for 2018 spring planting. We are excited about this variety since it has shown high yields and was the single best leader in test weights across all varieties in the 2017 UW trials. It came in tipping the scales at over 40lbs! Now that’s something we can all get on board for.

Released in 2017 by:

Yield data based on combined averages of triple replicated test plots in the 2017 UW Madison trials located at Madison & Arlington WI.

"We feel Antigo’s release is a good first step towards showing farmers that growing high test weight oats that carry a premium in the market is possible. We had great success with our seed production of Antigo - with test weights coming in at 39lbs fresh off the field."

Jay Schumitsch
Schumitsch Seed Inc. Vice President
High Performing Seed Oats

ESKER Top selling PVP oat

Our top selling PVP oat 10 years running
Consistently a high yielding variety

Maturity: Mid Season
Lodging: Medium
Height: Medium
PVP: Yes

Esker is our top selling PVP oat. It is a mid-season oat which has had consistently high grain yields. Though the test weights are below average, growers love the high yields they see with this oat. It makes good straw as well and has a descent stand. Esker also shows great disease resistance across the board which helps to assure its good yield performance.

BADGER Great performing early season oat

Shorter variety to aid in stand-ability
Early variety that still shows good yields

Maturity: Early Season
Lodging: Medium-low
Height: Short
PVP: Yes

An early season oat developed at the University of Wisconsin and released in 2010. Badger has had consistently high grain yields and good test weight. Many growers have had great success with this variety and are happy with its disease tolerance, yields, and descent test weight all in spite of its earliness.

Yield Performance

<table>
<thead>
<tr>
<th>Variety</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esker</td>
<td>162</td>
</tr>
<tr>
<td>Badger</td>
<td>143</td>
</tr>
<tr>
<td>Ogle</td>
<td>134</td>
</tr>
<tr>
<td>Dane</td>
<td>117</td>
</tr>
</tbody>
</table>

Yield data based on combined averages of triple replicated test plots in the 2017 UW Madison trials located at Madison & Arlington WI.

What you deserve.

QUALITY
We believe in only selling premium high quality seed.

Why our seeds?

EXPERTISE
The largest producer of seed oats in the Midwest.

We have your back.

TRUST
Farmers have trusted our premium seed since 1986.
Budget Seed Oats

OGLE  Released in 1981
Can produce great yields in the absence of leaf rust

Maturity: Mid Season
Lodging: Medium-High
Height: Medium
PVP: No

Ogle is a very well known variety that has been around for decades. It’s a mid-season oat that shows good yields as long as it avoids leaf rust which it is susceptible to. Though newer genetics from varieties such as Esker have surpassed Ogle in yielding ability and disease tolerance, Ogle is still overall a good variety.

JERRY

Generally used for forage
High straw producing variety

Maturity: Mid-Season
Lodging: Medium
Height: High
PVP: No

Jerry oats are a common choice for growers that are looking for a good quality low cost forage oat. It has an above average height which helps it produce a good straw yield. For grain production Jerry has above average test weights, but below average yields. We experienced test weights that averaged 39lbs, but it should be noted that this was on very good ground and with fungicide application.

DANE  Released in 1990
Early season

Maturity: Early
Lodging: Medium-High
Height: Short
PVP: No

Dane oats are an early season variety that growers like to use because of its low cost. It produces below average yields and kernels with average test weights. It is outperformed by strong newer early season varieties such as Antigo and Badger.
Foliar Fungicide - A Successful Tool For Achieving High Yields With Oats?

If your objective is maximizing your oat yield, then the use of a foliar fungicide can help dramatically. Many studies have concluded that the use of a foliar fungicide can greatly increase oat yields and also reduce lodging in comparison to oats that are produced without a foliar fungicide. The biggest advantage to using a foliar fungicide on oats is stopping the development of a yield ruining disease called crown rust. Symptoms of crown rust include small oval to oblong bright orange-yellow postules that develop on the leaves of oats. Severity of crown rust varies greatly, but even the smallest amounts can have a negative impact on yield.

The following graphs represent results from two 3-year studies that were conducted by the University of Wisconsin at its Arlington Agricultural Research Station. The results showed that the use of a foliar fungicide greatly increased oat yields and reduced lodging.

The following graph represents results from a 2009 study by the University of Minnesota Extension - the results showed decreased disease severity, and increased test weight and yield with the use of Stratego.

<table>
<thead>
<tr>
<th>Disease Severity</th>
<th>Test weight</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Untreated Check</td>
<td>3.4</td>
<td>28.3</td>
</tr>
<tr>
<td>Treated with Stratego</td>
<td>2.0</td>
<td>30.6</td>
</tr>
</tbody>
</table>

We inquired with one of the best experts in the Midwest on using foliar fungicides on oats - Bruce Roskens is employed at Grain Millers Inc as their Director of Crop Sciences. He has over 40 years of experience working with oat growers on producing high quality oats.

“From my experience, fungicides applied to OATS at the proper timing can be very effective, and should be applied at the first indication of pustules showing on the middle leaves anytime from 2-leaf through flag-leaf, and depending upon infection timing, virulence and weather, perhaps more than one application. If pustules appear on the flag leaf, application should be immediate, some damage may already be occurring. Studies have shown that it is most important to protect the flag-leaf to preserve grain yield and quality. Combo fungicides, such as Stratego, have had better effectiveness than single ingredient products, such as Tilt. The time of effective control seems longer than single ingredient materials. In the Midwest US states, we have seen some leaf damage – including setback of maturity – with products such as Headline, especially in periods of heat and/or drought stress. Is the material “too hot”, is it environmental stress on the plant, or is it likely a combination of all factors?

Some farmers have thought that fungicides have a preventative effect, and spray too early or “prophylactically”, and/or they wait too long after the fungus is already staging toward black spore or telia stage, and/or after heading. Timely scouting of fields is critical. Also be aware that in some circumstances, applying a fungicide may well delay maturity of the crop by a few days. Our results show minimal to no beneficial results of spraying the crop after heading. I personally believe that fungicide applications to oats can be quite beneficial for both yield and test weight enhancement. In response to stories of application enhancing yield potential, several farmers have applied fungicides even when they don’t need to. This practice along with spraying too late to have a good effect on fungi can create higher risks for residues on milling quality oats. Also, for some oat millers who have food or feed applications for the hulls, we have potential residue concerns about ANY chemicals being applied after heading.”

A. Bruce Roskens, CCA CPAg CPM
Director – Crop Sciences
Grain Millers, Inc.
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Eden Prairie, Minnesota 55344-7232
Office: 952-983-1310
Cell: 630-309-9524
bruce.roskens@grainmillers.com
Introducing - The All New Laker Forage Oat

Laker Forage Oats - Our new high performing yet affordable forage oat

- Laker is an all new variety whose release was highly advocated by Red Robin Seeds.
- It has shown excellent results in Wisconsin state trials 2014-2016.
- During these trials it was one of the highest yielding forage oat lines in terms of DM tons.
- Laker has a high forage quality, similar to Forage Plus in terms of Relative Forage Quality (RFQ) and Crude Protein (CP%).
- Laker also has high milk production, similar to Forage Plus.

University of Wisconsin’s newest release of a high performing forage oat in 15 years!

### 2017 Forage Oat Trial Data - Triple Replicated

<table>
<thead>
<tr>
<th>Variety</th>
<th>#Harvested</th>
<th>Wet Ton/Ac</th>
<th>DM Ton/Ac</th>
<th>Protein</th>
<th>NDFd30</th>
<th>RFV</th>
<th>Milk/Ton</th>
<th>Milk/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laker Forage Oats</td>
<td>6.83</td>
<td>5.22</td>
<td>.784</td>
<td>14.75</td>
<td>73.17</td>
<td>92.17</td>
<td>2733</td>
<td>2143</td>
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<tr>
<td>Forage Plus Oats</td>
<td>5.33</td>
<td>4.08</td>
<td>.597</td>
<td>14.49</td>
<td>80.32</td>
<td>109.54</td>
<td>3227</td>
<td>1927</td>
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<tr>
<td>EV 126 Oats</td>
<td>3.00</td>
<td>2.29</td>
<td>.342</td>
<td>17.27</td>
<td>84.93</td>
<td>130.17</td>
<td>3420</td>
<td>1170</td>
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<tr>
<td>Vista Oats</td>
<td>4.00</td>
<td>3.06</td>
<td>.528</td>
<td>16.08</td>
<td>69.61</td>
<td>92.70</td>
<td>2665</td>
<td>1407</td>
</tr>
</tbody>
</table>

### 2016 Forage Oat Trial Data - Triple Replicated

<table>
<thead>
<tr>
<th>Variety</th>
<th>#Harvested</th>
<th>Wet Ton/Ac</th>
<th>DM Ton/Ac</th>
<th>Protein</th>
<th>NDFd30</th>
<th>RFV</th>
<th>Milk/Ton</th>
<th>Milk/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laker Forage Oats</td>
<td>26.00</td>
<td>19.87</td>
<td>3.23</td>
<td>12.48</td>
<td>65.94</td>
<td>99.22</td>
<td>2828</td>
<td>9120</td>
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<tr>
<td>Forage Plus Oats</td>
<td>23.75</td>
<td>18.15</td>
<td>2.68</td>
<td>17.97</td>
<td>75.19</td>
<td>140.08</td>
<td>3400</td>
<td>9096</td>
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<tr>
<td>Vista Oats</td>
<td>22.67</td>
<td>17.32</td>
<td>3.03</td>
<td>13.27</td>
<td>60.53</td>
<td>96.38</td>
<td>2697</td>
<td>8161</td>
</tr>
</tbody>
</table>

Released in 2017 by:

[Collegiate Seal] College of Agricultural & Life Sciences
University of Wisconsin-Madison
Vista Oats

Our top selling forage oat for over 10 years, Vista has good forage qualities and is more affordable than most of the top performing forage oats. Vista is a mid-late variety that is fairly tall. It pairs well with forage peas which will increase protein & energy levels.

Pea Mixes

LAKER OATS & ARVIKA PEAS (60/40) New product

This is an all new mix that we’re excited to offer to customers. This mix takes our new late maturing Laker oats and pairs it with an Arvika pea that allows for a great match to produce excellent forage yield and quality. Unlike other pea & oat mixes that use early to mid season varieties, this mix uses the late maturity of Laker oats which allows the growers to harvest when the oats are at mid to late boot stage - which gives the best feed quality oats can give you while also taking the peas off when they’re budding, giving them the highest protein levels you can get.

VISTA OATS & BADGER PEAS (50/50)

A very well known forage product, Red Robin Seeds Vista and Badger Peas have been a hot selling item for many years. The mixture gives growers a high quality good yielding forage.

BARLEY & ARVIKA PEAS (50/50)

This mix gives growers a high tonnage, high protein forage product.

TRITICALE & ARVIKA PEAS (50/50)

This mix can generate slightly higher protein levels than pea and oat mixes due to the thicker leaves that triticale produces.
Seed Barley

KEWAUNEE
Consistently high yielding
Great disease resistance

Lodging: Low
Height: Medium
PVP: Yes

Kewaunee is a great grain and forage barley. It’s a six rowed smooth-awned variety that consistently shows high yields, good test weight, and good disease resistance.

ROBUST
Plump kernels
Widely known

Lodging: Medium
Height: High
PVP: No

Robust is a well known & popular six rowed variety. It is a dual purpose forage and grain barley, that has average yields. Robust has been known to be susceptible to loose smut.

Barley for fodder seed

Our Robust barley seed has proven to be a favorite for fodder seed. Fodder is the process of germinating seed(s) and feeding the entire seed and sprout to your animals. These sprouts are high in protein and fiber, and are naturally balanced in protein, fat and energy. The digestibility greatly increases after the grain is sprouted. Sprouted barley is full of essential nutrients, vitamins, and minerals. Fodder Rule of thumb is “2% of the animal’s live body weight of fodder per day.” One pound of seed can produce eight pounds of fodder. In some cases two pounds of seed can feed a 800 lb. animal for one day. Fodder can be fed to cows, sheep, goats, pigs, rabbits, and chickens.
MARKETING YOUR OATS

Growing Oats Worth $3 In Today’s Market

As I sit here today (November 14th 2017) looking at corn futures sitting at $3.40, soybean futures at $9.60, and the second largest supply of world grain stocks on record there’s no doubt in my mind that farmers are facing another year of really tough markets. Yet what if I told you that the current bids for oats going into oat mills here in the Midwest are between $2.85 - $3.00, would you have ever believed that you could get such a price for your oats with these current market conditions? Probably not, and that’s why I’m here to educate you on the value of growing high quality milling oats.

Contrary to what many people believe, oats can actually be a valuable crop when grown correctly. Oats are exactly what the rising health conscious consumer in today’s market is looking for - being that they are naturally gluten free, non GMO, and high in many important vitamins, minerals, and antioxidants. They are truly one of the healthiest grains that you can grow. Though oat acres have steadily decreased over the years in place of “cash crops” like corn and soybeans, it should be noted that a lot of this decrease is/was because of the dwindling use of oats as a feed product. However, the demand for quality milling oats is strong, and taking oats direct to these mills is usually where growers are going to get the best price possible.

When it comes to producing high quality milling oats, one of the most difficult factors that a grower is going to face is producing oats that reach a high enough test weight to meet the buyers specification. Without test weight, you won’t have a product that can be used for milling. Being in the oat business for three generations, Schumitsch Seed has evolved to become a large consumer of milling oats in the state of Wisconsin. In 2016 we purchased over 1.75 million bushels of oats that we milled and sold to a wide range of food market end users. Just like all of the large scale oat mills, test weight is always one of the first things we look at before deciding to purchase oats.

Finding good quality test weight oats is always a battle for us. It’s not only difficult for us, it’s also difficult for many of the large commercial oat mills out there that are trying more and more to source domestically grown oats instead of importing them from Canada, which is what we end up doing for a large portion of our annual needs. That is why we’re strong advocates for finding oat varieties that are going to give growers high test weight and good yield.. We know that high test weight oats have good value, and we just need to do our due diligence to educate our growers on how to produce these oats and also make sure that our breeding programs are staying on the correct path of creating oats that can help our customers achieve the results that will make them successful.

For more information about marketing high quality milling oats, contact us at:
420 Wausau Road - Antigo WI 54409 | P. 800-533-3410 | www.s-seed.com

DISCLAIMER - Please note that the prices shown in this brochure are based on current market conditions which may change over time. Although we strive to make our information accurate and useful, Red Robin Seeds & Schumitsch Seed does not make any warranties about the completeness, reliability, and accuracy of the information provided in this brochure. Any action you take based upon the information from any article or statement in this brochure is strictly at your own risk, and Red Robin Seeds & Schumitsch Seed will not be liable for any losses and damages in connection with the use of information from this brochure.