2020 Organic & Conventional Seed Guide

Celebrating 25 Years
In The Seed Industry

A Great Year Begins With A Great Foundation

Harvesting organic hybrid seed for 2020 at our farm in Onalaska, WI
2020 MARKS OUR FAMILY’S 25TH YEAR

in the seed industry. Thanks to farmers like you, the first 24 years were ones of continuous growth. Last year our research budget was ten times as large as our first year’s total sales.

For 2020, we have produced 61 different seed products that will work in organic or conventional farming systems. Our corn and alfalfa seeds are planted from Texas to North Dakota and from Washington to New York.

As our seed operation continues to grow, we have made a commitment to continue to research and introduce innovative new products. In the final stages of testing include corns with higher protein, higher methionine, and higher carotene - all designed for better animal nutrition. Other products include corn lines that are much more efficient at using nitrogen – a real plus for tough environments. Here’s to both our continued success. Thank you for your business.

Steve Mohr and family

Owners: Foundation Direct Seeds, LLC; Foundation Organic Seeds, LLC

2020 Prices and Discounts

As a Thank You to our customers we are offering a $25.00 cash discount on every bag of paid seed corn and $10.00 on alfalfa through December 31, 2019.

CASH DISCOUNTS: Pay for seed in the following months and get a cash discount (including paying with John Deere Farm Plan or VISA or MasterCard).

January ............... 5%
February ............... 4%
March ............... 3%

VOLUME DISCOUNT = FREE SEED

For every ten bags of corn and/or alfalfa you pay for you receive one additional bag of seed corn for free.

Example: 20+10=33. Purchase 20 bags of corn and 10 bags of alfalfa and receive 3 more (free) bags of corn for a total of 33 bags.

DELIVERY: FREE from a Foundation Seed Salesman and ordered before March. Delivery charges may apply after March 1st depending on quantity and location. Speedy deliveries on small orders is $15 per box. FedEx charges vary by state.

Seed Purity: All conventional and organic corn hybrids and alfalfa varieties in our 2020 brochure were developed by traditional plant breeding methods. No genetic modifications or methods were used in product development. No methods prohibited by the National Organic Program (NOP) were used. All seed lots are tested for purity.

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www.foundationorganicseed.com
NEW FOR 2020

NEW Corn Hybrids

**ORGANIC 8995** – 80 Day; High yielding, white cob, tall, early black layer
**ORGANIC 8833** – 91 Day; Excellent emergence, large plant, heavy test
**ORGANIC 7700** – 93 Day; Consistent performer, clean husker, flex ear
**ORGANIC HDC 105** – 105 Day; Huge plant with ears to match, highly digestible
**ORGANIC 8313** – 106 Day; High yield potential east to west

NEW Alfalfa

**COMMANDER BRAND** – Economical, long lasting multi-leaf

**GMO TESTS GUARANTEES:** PROJECT PURE AND PROJECT ULTRA PURE
Third party testing with guaranteed low GMO levels on certain lots/sizes of organic and conventional hybrids will be available as an option. Levels available are less than 1% GMO or less than .2% GMO. Seed with this guarantee will have a **PROJECT PURE** or **PROJECT PURE ULTRA** tag on the bag. An additional charge for each bag will be added if you require this tag.

**NEW SEED COATING:** 1R + Penergetic and/or Sabre EX for corn
A new seed coating combination that not only gives you faster spring root growth but will deliver some tolerance to wireworm and rootworm activity.

- 1 R+ – stimulates early root growth
- Penergetic – P455R rootworm and wireworm suppression
- Saber EX – provides two fungi strains that accelerate root growth and improves water and N use efficiency

CORN WITH ROOT WORM
Penergetic P 455 Seed Treatment vs. Control

![Penergetic Treated vs. Control](image1.png)
Organic 8995
For High Yield Environments
80 Day

- Emergence: Excellent
- Vigor: Excellent
- Stalks: Very Good
- Roots: Very Good
- Height: Med-tall +
- Ear Flex: Limited Flex

- Quick out of the ground
- Heavy test weight grain
- Taller plant with white cobs
- Early black layer, moves north well

Organic 8972
For High Yield Environments
85 Day

- Emergence: Very Good
- Vigor: Excellent
- Stalks: Average
- Roots: Very Good
- Height: Med-tall
- Ear Flex: Semi-flex

- Very elite high yielding genetics
- Place on your high yield potential fields
- Very healthy plant
- Canopies fast for good weed control

Organic 8930
For Challenging Environments
82 Day

- Emergence: Very Good
- Vigor: Very Good
- Stalks: Very Good
- Roots: Very Good
- Height: Med-tall
- Ear Flex: Semi-flex

- Plant on your challenging fields
- Larger plant competes with weeds
- High quality grain

Organic 8912
For Challenging Environments
85 Day

- Emergence: Excellent
- Vigor: Very Good
- Stalks: Average
- Roots: Very Good
- Height: Med-tall
- Ear Flex: Semi-flex

- The best choice for challenging organic fields
- Wide leaves to shade the rows
- Big flex ears take advantage of gaps in your rows
- Excellent emergence helps it out-compete weeds

Organic 8924
For High Yield Environments
88 Day

- Emergence: Excellent
- Vigor: Excellent
- Stalks: Good
- Roots: Very Good
- Height: Tall
- Ear Flex: Semi-flex

- Will work in all yield environments
- Rockets out of the ground
- Excellent late season plant health
- High quality grain

Organic 8833
For Challenging and High Yield Environments
91 Day

- Emergence: Excellent
- Vigor: Excellent
- Stalks: Very Good
- Roots: Very Good
- Height: Tall
- Ear Flex: Semi-flex

- Big, aggressive plant
- Very strong out of the ground
- Good agronomics allows for later harvest
- Gives you a great option for silage or grain

Organic Corn Characteristics Chart

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturity</th>
<th>Grain Yield</th>
<th>Silage Tonnage</th>
<th>Silage Quality</th>
<th>Emergence</th>
<th>Vigor</th>
<th>Stalks</th>
<th>Roots</th>
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<th>Silage Quality</th>
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**Organic 8801**
*For High Yield Environments*
**91 Day**

- Emergence: Very Good
- Vigor: Very Good
- Stalks: Average
- Roots: Average
- Height: Tall
- Ear Flex: Semi-flex

- **PlACEMENT**: Don’t use south of zone for early corn. Keep it north for awesome results
- **Keep on well-drained soils**
- **Five year track record of out-yielding GMO corns**
- Best yield advantage on moderate to poor soils
- Good stress corn
- Above average drought tolerance
- Clean picking corn

**Organic 8810**
*For Challenging Environments*
**91 Day**

- Emergence: Very Good
- Vigor: Good
- Stalks: Good
- Roots: Excellent
- Height: Very Tall
- Ear Flex: Semi-flex

- **PERFECT CHOICE** for lighter soils
- Tallest hybrid we sell produces huge amounts of silage
- Extremely heavy test weight grain
- Very dark green healthy plants

**Organic 87700**
*For High Yield Environments*
**93 Day**

- Emergence: Excellent
- Vigor: Very Good
- Stalks: Average
- Roots: Average
- Height: Med-tall
- Ear Flex: Semi-flex

- Our flagship hybrid in the 96 day zone for years
- Will handle many forms of stress but still has that 200-bushel potential when conditions are good
- Works under any management system and a wide variety of soils

**Organic 8745**
*For Challenging Environments*
**96 Day**

- Emergence: Excellent
- Vigor: Excellent
- Stalks: Very Good
- Roots: Average
- Height: Med-tall+
- Ear Flex: Full Flex

- Tall hybrid produces tons of silage
- High quality silage
- White digestible cob
- Works on low to medium yield conditions but still has high top end

**Organic 8780**
*For High Yield Environments*
**96 Day**

- Emergence: Excellent
- Vigor: Excellent
- Stalks: Very Good
- Roots: Excellent
- Height: Medium
- Ear Flex: Full Flex

- Highly Productive Soils
- Moderately Productive Soils
- Marginal Conditions

- Population: 28-32
### Organic Corn Characteristics Chart

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</table>

**Organic 8700**

*For High Yield Environments*

**98 Day**

- Emergence: Very Good
- Vigor: Very Good
- Stalks: Good
- Roots: Average
- Height: Medium
- Ear Flex: Full Flex

- Plant at higher populations in 30" rows and you won’t be disappointed
- Ears are girthy even at higher populations
- Excellent drydown
- Plant as a full season hybrid in the north

**Organic 8500**

*High Yield or Challenging Environments*

**102 Day**

- Emergence: Very Good
- Vigor: Very Good
- Stalks: Average
- Roots: Excellent
- Height: Med-tall
- Ear Flex: Semi-flex

- Organic version of a very popular corn in the conventional market
- Will perform well as either grain or silage
- Flexible ears and flexible management
- Just plant it and don’t worry about it
- Moves well
- Responds with extra fertility

**Organic 8799**

*For Challenging Environments*

**99 Day**

- Emergence: Excellent
- Vigor: Very Good
- Stalks: Very Good
- Roots: Average
- Height: Med-tall
- Ear Flex: Full Flex

- Bullet-proof hybrid
- Huge flex ears will get larger when there’s extra space
- Works east to west; north to south

**Organic 8507**

*For Challenging Environments*

**103 Day**

- Emergence: Very Good
- Vigor: Excellent
- Stalks: Very Good
- Roots: Excellent
- Height: Med-tall
- Ear Flex: Full Flex

- Was our best tar spot hybrid in 2018
- Superior late season plant health helps minimize effects of late season plant diseases like the tar spot complex
- Best plant health and stay green on the market
- Very flexible ears lets you match population to field conditions
- Deserves a good share of your organic corn acres

**Organic 8313**

*For Challenging Environments*

**107 Day**

- Emergence: Excellent
- Vigor: Very Good
- Stalks: Very Good
- Roots: Average
- Height: Med-tall
- Ear Flex: Full Flex

- Huge flex ears will get larger when there’s extra space
- Works east to west
- Excellent plant health
- Wide dark green leaves
- Keep in or north of zone
### Untreated 8925
- **84 Day**
- **Emergence**: Excellent
- **Vigor**: Very Good
- **Stalks**: Very Good
- **Roots**: Very Good
- **Height**: Med-tall +
- **Ear Flex**: Semi-flex

*Our standby hybrid for the last ten years*
*Works east to west*
*Works on all soil types*
*Awesome silage hybrid in the 80-85 day range*

### Untreated 8907
- **88 Day**
- **Emergence**: Excellent
- **Vigor**: Very Good
- **Stalks**: Very Good
- **Roots**: Excellent
- **Height**: Med-tall +
- **Ear Flex**: Full Flex

*Superior northern movement*
*Big blocky white cob ears*
*Stalks that will stand until the grain is ready*
*Great choice for marginal ground*

### Untreated 8830
- **90 Day**
- **Emergence**: Good
- **Vigor**: Good
- **Stalks**: Very Good
- **Roots**: Average
- **Height**: Med-tall +
- **Ear Flex**: Semi-flex

*Still the gold standard for yield in the industry*
*Works from eastern MN to NY*
*Keep on fields with good fertility and moisture*
*Best on first year corn ground*

### Untreated 8800
- **94 Day**
- **Emergence**: Excellent
- **Vigor**: Very Good
- **Stalks**: Average
- **Roots**: Average
- **Height**: Med-tall
- **Ear Flex**: Semi-flex

*This corn is our largest volume hybrid for the last 13 years*
*Management tip – just plant it*

### Untreated 8749
- **96 Day**
- **Emergence**: Very Good
- **Vigor**: Very Good
- **Stalks**: Average
- **Roots**: Very Good
- **Height**: Med-tall+
- **Ear Flex**: Semi-flex

*High yield beast*
*Impressive agronomics*
*Long, full flex ears*
*Excellent stay green*
*Good choice for corn-on-corn*

### Untreated 8585
- **102 Day**
- **Emergence**: Excellent
- **Vigor**: Excellent
- **Stalks**: Very Good
- **Roots**: Very Good
- **Height**: Med-tall+
- **Ear Flex**: Semi-flex

*Very big plant makes a very big ear*
*White cobs make nice silage*
*Plant dries down early in the fall*
*Ears pick clean – makes good snaplage*

### Untreated Corn Characteristics Chart

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturity</th>
<th>Yield for Maturity</th>
<th>Silage Tonnage</th>
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<td>VG</td>
<td>VG</td>
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Treated 8925

84 Day

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>Roots</td>
<td>Very Good</td>
</tr>
<tr>
<td>Height</td>
<td>Med-tall +</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Our standby hybrid for the last ten years
- Works east to west
- Works on all soil types
- Awesome silage hybrid in the 80-85 day range

Treated 8972

85 Day

<table>
<thead>
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<td>Med-tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Best all around package of any 85 day hybrid on the market
- High yielder
- Impressive performance across high and low yield environments
- Best on first year corn ground

Treated 8907

88 Day

<table>
<thead>
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<td>Medium</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Superior northern movement
- Big blocky white cob ears
- Stalks that will stand until the grain is ready
- Great choice for marginal ground

Treated 8830

90 Day

<table>
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<td>Med-tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Still the gold standard for yield in the industry
- Works from eastern MN to NY
- Keep on fields with good fertility and moisture
- Best on first year corn ground

Treated 8801

90 Day

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<td>Height</td>
<td>Tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Typically out-yields traited GMO hybrids from the big companies
- Massive plant shades out the weeds
- Place on well drained fields
- Four year track record of top 10 yields in university trials
- Keep this corn in the 90 day zone or earlier

**Treated Corn Characteristics Chart**

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturity</th>
<th>Yield for Maturity</th>
<th>Silage Tonnage</th>
<th>Silage Quality</th>
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<th>Drydown</th>
<th>Test Weight</th>
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<th>Drought Tolerance</th>
<th>Highly Productive Soils</th>
<th>Moderately Productive Soils</th>
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</table>
**Treated 8855**

**92 Day**

<table>
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<th>Rating</th>
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<tbody>
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<tr>
<td>Roots</td>
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</tr>
<tr>
<td>Height</td>
<td>Med-tall +</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Out yields most traited hybrids in its class
- Will yield with 95 day conventional hybrids
- Place on your best soils
- Very flexible ear lets you flex population

**Treated 8800**

**94 Day**

<table>
<thead>
<tr>
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<tbody>
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<td>Med-tall</td>
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<tr>
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<td>Semi-flex</td>
</tr>
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</table>

- This corn is our largest volume hybrid for the last 13 years!
- It works. Management tip – just plant it.

**Treated 8749**

**96 Day**

<table>
<thead>
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</tr>
<tr>
<td>Height</td>
<td>Med-tall +</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- High yield beast
- Impressive agronomics
- Long, full flex ears
- Excellent stay green
- Good choice for corn-on-corn

**Treated 8623**

**99 Day**

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<td>Roots</td>
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<td>Height</td>
<td>Medium</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Stable yields on all soils
- Artesian drought technology
- Solid agronomics
- Best planted in warm soils

**Treated 8585**

**102 Day**

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<td>Height</td>
<td>Med-tall +</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Very big plant makes a very big ear
- White cobs make nice silage
- Plant dries down early in the fall
- Ears pick clean – makes good snaplage

**Treated 8500**

**102 Day**

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<td>Roots</td>
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<tr>
<td>Height</td>
<td>Med-tall +</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Will perform well as either grain or silage
- Flexible ears and flexible management
- Just plant it and don’t worry about it
- Moves west well
- Responds with extra fertility

### Treated Corn Characteristics Chart

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturity</th>
<th>Yield for Maturity</th>
<th>Silage Tonnage</th>
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<th>Drought Tolerance</th>
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</tbody>
</table>
Highly Digestible Corn (HDC)

The HDC corn line has highly digestible grain and fiber. All HDC hybrids are not only the best silage corns on the market but they will stand in the field long enough for the corn to dry and be harvested for grain.

Key Characteristics of HDC hybrids:
- High starch content
- Plant and grain dry at the same time
- Lower fiber
- High whole plant digestibility
- Softer textured starch

HDC corns deliver more energy over an extended period of time than leafy or sugar corns. Higher quality, more digestible fiber gives HDC the advantage over dual purpose silage corns. Better agronomics and more starch give HDC the advantage over brown mid-rib corn.

Untreated HDC 84

**NutriDense™**

84 Day Maturity

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>Height</td>
<td>Med-tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Extremely high energy and nutrient content
- #1 out of 250 corns in 2015 University of Wisconsin milk trials
- #1 out of 261 corns in 2016 University of Wisconsin milk trials
- NutriDense trait means your livestock will get more out of your feed
- Works well north for the 90 day maturity zone
- Big full-flex ears let you vary your population to match conditions
- Tender white cobs means better digestibility

Treated HDC 85

85 Day Maturity

<table>
<thead>
<tr>
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</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
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</table>

- Big time tonnage for an early corn
- Top silage corn based on yield and quality for five years in the University of Idaho milk trials
- Best on first-year corn ground
- Plant on ground with good fertility

Organic HDC 90

90 Day Maturity

<table>
<thead>
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</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Very digestible starch
- Very fast out of the ground
- Complete canopy out-competes the weeds
- Best competitive yield advantage on good soils with good fertility
**Treated HDC 93**
93 Day

<table>
<thead>
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</thead>
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<td>Height</td>
<td>Tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
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</tbody>
</table>

- Big, healthy dark green plants
- Nice quality grain on tender white cobs
- Excellent tolerance to heat and drought
- Above average resistance to northern leaf blight

**Organic HDC 95**
95 Day

<table>
<thead>
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<tr>
<td>Roots</td>
<td>Very Good</td>
</tr>
<tr>
<td>Height</td>
<td>Med-tall+</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- New and improved 95 day hybrid
- Floury type grain – very digestible
- Will work as an early silage corn south of the 95-day zone
- Wide leaved plant that is noted for stable yield under variable conditions

**Organic HDC 100**
100 Day

<table>
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<td>Roots</td>
<td>Med-tall+</td>
</tr>
<tr>
<td>Height</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Set all time high silage yield record in University of Idaho silage trials. HDC 100 also had the highest quality silage to go along with the record yield
- Huge flex white cob ears
- Works well east to west
- Unique starch is more digestible than starch in common hybrids

**Organic HDC 105**
107 Day

<table>
<thead>
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<th>Trait</th>
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<tbody>
<tr>
<td>Emergence</td>
<td>Very Good</td>
</tr>
<tr>
<td>Vigor</td>
<td>Good</td>
</tr>
<tr>
<td>Stalks</td>
<td>Very Good</td>
</tr>
<tr>
<td>Roots</td>
<td>Average</td>
</tr>
<tr>
<td>Height</td>
<td>Tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Full Flex</td>
</tr>
</tbody>
</table>

- Massive plant
- Large ears with tender pink cobs
- High starch content
- Softer textured kernels

**Treated HDC 99**
99 Day

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergence</td>
<td>Excellent</td>
</tr>
<tr>
<td>Vigor</td>
<td>Excellent</td>
</tr>
<tr>
<td>Stalks</td>
<td>Very Good</td>
</tr>
<tr>
<td>Roots</td>
<td>Very Good</td>
</tr>
<tr>
<td>Height</td>
<td>Med-tall+</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Tender white cobs with softer textured grain
- Very large plant for high tonnage
- Eight year track record of high yields
- Sound agronomics

**WI Dappled Red Corn**
Open Pollinated
94-98 Day

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergence</td>
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</tr>
<tr>
<td>Vigor</td>
<td>Good</td>
</tr>
<tr>
<td>Stalks</td>
<td>Poor</td>
</tr>
<tr>
<td>Roots</td>
<td>Poor</td>
</tr>
<tr>
<td>Height</td>
<td>Tall</td>
</tr>
<tr>
<td>Ear Flex</td>
<td>Semi-flex</td>
</tr>
</tbody>
</table>

- Wide genetic base makes this corn adaptable to various soil types, management types, and maturity zones
- Very high in nutrient and mineral composition
- Harvest for silage due to lack of late season standability issues
- Plant it thinner for bigger ears and better stalks
### Highly Digestible Corn Characteristics Chart

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturity</th>
<th>Silage Tonnage</th>
<th>Silage Quality</th>
<th>Grain Yield</th>
<th>Emergence</th>
<th>Vigor</th>
<th>Stalks</th>
<th>Roots</th>
<th>Height</th>
<th>Drydown</th>
<th>Test Weight</th>
<th>Ear Flex</th>
<th>Drought Tolerance</th>
<th>Highly Productive Soils</th>
<th>Moderately Productive Soils</th>
<th>Marginal Conditions</th>
<th>Population</th>
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<tbody>
<tr>
<td>Untreated HDC 84</td>
<td>84</td>
<td>8</td>
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<td>VG</td>
<td>VG</td>
<td>VG</td>
<td>MT</td>
<td>S</td>
<td>L</td>
<td>Full Flex</td>
<td>8</td>
<td>7</td>
<td>9</td>
<td>8</td>
<td>30-34</td>
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<tr>
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<td>10</td>
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<td>G</td>
<td>VG</td>
<td>AV</td>
<td>T</td>
<td>F</td>
<td>AV</td>
<td>Semi-flex</td>
<td>7</td>
<td>10</td>
<td>8</td>
<td>6</td>
<td>28-32</td>
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<tr>
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<td>8.5</td>
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<td>VG</td>
<td>EX</td>
<td>VG</td>
<td>EX</td>
<td>MT</td>
<td>MF</td>
<td>AV</td>
<td>Full Flex</td>
<td>8</td>
<td>9</td>
<td>8</td>
<td>7</td>
<td>28-32</td>
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<td>9.5</td>
<td>8.5</td>
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<td>VG</td>
<td>VG</td>
<td>AV</td>
<td>T</td>
<td>M</td>
<td>AV+</td>
<td>Full Flex</td>
<td>9</td>
<td>10</td>
<td>9</td>
<td>8</td>
<td>28-32</td>
</tr>
<tr>
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<td>9</td>
<td>8</td>
<td>VG</td>
<td>EX</td>
<td>VG</td>
<td>VG</td>
<td>MT+</td>
<td>M</td>
<td>AV</td>
<td>Full Flex</td>
<td>8+</td>
<td>8</td>
<td>8</td>
<td>8.5</td>
<td>28-35</td>
</tr>
<tr>
<td>Treated HDC 99</td>
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<td>9</td>
<td>9</td>
<td>8</td>
<td>EX</td>
<td>EX</td>
<td>VG</td>
<td>VG</td>
<td>MT+</td>
<td>MF</td>
<td>AV</td>
<td>Semi-flex</td>
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<td>7</td>
<td>26-32</td>
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<tr>
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<td>VG</td>
<td>VG</td>
<td>VG</td>
<td>G</td>
<td>MT+</td>
<td>S</td>
<td>AV</td>
<td>Full Flex</td>
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<td>8</td>
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<td>25-34</td>
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<tr>
<td>Organic HDC 105</td>
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<td>G</td>
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<td>T</td>
<td>AV</td>
<td>AV</td>
<td>Full Flex</td>
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<td>25-34</td>
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<td>Organic Silo Blend</td>
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<td>G</td>
<td>AV</td>
<td>MT+</td>
<td>AV</td>
<td>AV</td>
<td>Semi-flex</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>8+</td>
<td>27-35</td>
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<tr>
<td>WI Dappled Red Open Pollinated</td>
<td>94-98</td>
<td>7</td>
<td>9</td>
<td>7</td>
<td>G</td>
<td>G</td>
<td>P</td>
<td>P</td>
<td>T</td>
<td>AV</td>
<td>Semi-flex</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>20-24</td>
<td></td>
</tr>
</tbody>
</table>
### Organic Platinum Brand
The best all-round package for any organic alfalfa when you want yield, quality, and longevity all in one field. Fast regrowth gives you the option for an extra cutting when conditions are favorable. All Organic Platinum alfalfa is pre-inoculated and coated with OMRI-approved Apex Green.

### Organic Nitro Brand
Economical source of organic plow down nitrogen. Excellent fall dormancy and winter-hardiness gives you the option of keeping a nice stand of alfalfa instead of plowing it down. Expect better tonnage when plowed down at full maturity. Will make good quality hay if cut early. Organic Nitro alfalfa seed is pre-inoculated and coated with OMRI-approved Apex Green.

### Organic Alfalfa Product Chart

<table>
<thead>
<tr>
<th>Alfalfa Variety</th>
<th>Yield Potential</th>
<th>Quality Potential</th>
<th>Winter Hardiness</th>
<th>Fall Dormancy</th>
<th>Disease Resistance</th>
<th>Bacterial Wilt</th>
<th>Phytophthora Root Rot</th>
<th>Fusarium Wilt</th>
<th>Anthracnose</th>
<th>Vertical Wilt</th>
<th>Aphanomyces Root Rot</th>
<th>Recovery Rate</th>
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</thead>
<tbody>
<tr>
<td>Organic Platinum</td>
<td>9.0</td>
<td>9.0</td>
<td>2.2</td>
<td>4.0</td>
<td>29</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
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<tr>
<td>Organic Nitro</td>
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<td>3.0</td>
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<td>25</td>
<td>R</td>
<td>HR</td>
<td>MR</td>
<td>R</td>
<td>MR</td>
<td>LR</td>
<td>7.5</td>
</tr>
</tbody>
</table>

**Legend**

- **Winter Hardiness**
  - 
  - **VH** = Very Hard
  - **MH** = Moderately Hardy
  - **H** = Hardy

- **Forage Yield**
  - 10-9 = Excellent
  - 8-7 = Very Good
  - 6-5 = Good
  - 4-3 = Fair
  - 2-1 = Poor

- **Resistance**
  - **HR** = Highly Resistant
  - **MR** = Moderately Resistant
  - **R** = Some Resistance
  - **LR** = Low Resistance
  - **NR** = No Resistance

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**Alfalfa**

**Grizzly Brand**

If you require an alfalfa with exceptional stand establishment and yield punch, even in tough conditions, choose Grizzly. If you face the threat of the stand thinning disease of Aphanomyces II, then choose Grizzly. As a bonus, you get a complete disease package and an alfalfa that can handle cold northern winters. Excellent yields on a wide range of soils. Medium stems that stand late.

Grizzly is grown in one of the few GMO-free production zones in the USA. We provide documentation on special traits available only in non-organic form. We also document that Grizzly seed is produced in an official government recognized Designated GMO Free Seed Production Area.*

- Pre-inoculated with Nitrarin* Gold
- Not coated = 50 lbs. of pure seed

**ML 303 Brand**

New and improved version of our original Multi 888. Better disease package, more hardiness, and higher yield makes Multi 303 a good choice for most farms. Multi 303 has excellent yield for a true multi-foliate. Approximately 50% of the plants in a bag of Multi 303 will produce from 4 to 6 leaves per stem for outstanding relative feed value. The other 50% of the plants are bred to give you the hardiness and disease package you expect from the newest genetics on the market. Multi 303 will hold its quality longer in the field.

- Pre-inoculated with OMRI-approved Pre Vail
- Not Coated = 50 lbs. of pure seed

**RF 200 Reduced Fiber Brand**

RF 200 Reduced Fiber brand alfalfa is a new strain of low fiber alfalfa that has the yield punch of standard alfalfa and will stand like standard alfalfa (the first low fiber lines sometimes lacked in these areas). The yield advantage comes when you let your alfalfa grow until it’s close to maturity. You will get the additional tonnage while maintaining your quality. Under the right conditions, you can get as many tons in three cuttings of reduced fiber alfalfa as you can with four cuttings of a standard alfalfa line while maintaining the same quality. You may save yourself one full cutting with this system.

*Comes with Apex Green seed coating: OMRI-approved.

**Commander Brand**

Extremely tough, long lasting, northern alfalfa. Commander has an 11-year track record of surviving some of the toughest winters in the Midwest. This is a multi-leaf type that will have good quality when cut early bloom. Larger stems add a lot of tonnage. Great disease package is included.

**Secure BR—Branch Root Alfalfa**

Secure BR is highly resistant to pathogens in wet soils, which includes Aphanomyces root rot (race 2). It has a root system designed to keep more of the root system above the water table, helping the plant survive when freezing and thawing occur. It is a multi-leaf alfalfa.

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* GMO FREE ZONE is a seed production area that is surrounded by farms that are prohibited from growing Roundup Ready® alfalfa seed.

---

**Conventional Alfalfa Product Chart**

<table>
<thead>
<tr>
<th>Alfalfa Variety</th>
<th>Yield Potential</th>
<th>Quality Potential</th>
<th>Winter Hardiness</th>
<th>Fall Dormancy</th>
<th>Disease Resistance</th>
<th>Bacterial Wilt</th>
<th>Phytophthora Root Rot</th>
<th>Fusarium Wilt</th>
<th>Anthracnose</th>
<th>Vertical Wilt</th>
<th>Aphanomyces Root Rot</th>
<th>Recovery Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional Grizzly</td>
<td>9.5</td>
<td>9</td>
<td>2.0</td>
<td>3.7</td>
<td>30</td>
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<td>HR</td>
<td>HR</td>
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<td>HR</td>
<td>9.5</td>
<td></td>
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<tr>
<td>Conventional RF 200 RF</td>
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<td>10</td>
<td>1.7</td>
<td>3.8</td>
<td>30</td>
<td>HR</td>
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<td>HR</td>
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<td>Conventional ML 303</td>
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<td>2.4</td>
<td>3.1</td>
<td>29</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>R</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>Conventional Commander</td>
<td>9.4</td>
<td>7</td>
<td>2.0</td>
<td>3.5</td>
<td>28</td>
<td>HR</td>
<td>HR</td>
<td>R</td>
<td>HR</td>
<td>HR</td>
<td>9.0</td>
<td></td>
</tr>
</tbody>
</table>
| Conventional Secure BR | 9.5 | 8 | 2.2 | 3.0 | 30/30 | HR | HR | HR | HR | HR | 9+

Legends:

- **Winter Hardiness**
  - VH = Very Hard
  - MH = Moderately Hardy
  - H = Hardy

- **Forage Yield**
  - 10-9 = Excellent
  - 8-7 = Very Good
  - 6-5 = Good
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- **Resistance**
  - HR = Highly Resistant
  - MR = Moderately Resistant
  - R = Some Resistance
  - LR = Low Resistance
  - NR = No Resistance

---

* GMO FREE ZONE is a seed production area that is surrounded by farms that are prohibited from growing Roundup Ready® alfalfa seed.
DC 990 Red Clover

Untreated

If you require a long term red clover to make your rotation work and a medium red simply won’t do—then plant DC 990 long term red clover. In addition to getting a variety that will last three or more years, you get an improved variety with all of the updates to the disease resistance package that help your stand last longer. DC 990 has demonstrated faster spring green up and fast recovery after cutting or grazing. Makes a nice mix with Organic Gold Alfalfa and Checkmate Orchardgrass. Non-treated/non GMO.

Not Coated = 50 lbs. of seed.

Checkmate Orchardgrass

Untreated

One of the few late maturity orchard grass varieties on the market. Works well with Organic Platinum or Grizzly Alfalfa and with DC 990 Red Clover. Checkmate is very palatable and retains its quality after it is mature. Checkmate has very good resistance to rust and exhibits good stand persistence. Checkmate is less clumpy than other varieties. Non-treated/non GMO/Non Coated = pure seed. No cheap coating.

Sold in 25 lb. bags

Grass Mixtures

Several available. Call for details.

Nutri Max BMR Hybrid Sorghum Sudangrass

Untreated

High yielding sorghum sudangrass that has the wide brown mid rib developed using the newest gene, GENE 6. This is the most digestible of all Brown Mid-Rib sorghums. Thrives in heat and moisture with multiple cuts for hay or forage all summer. Makes excellent silage in the fall. Excellent digestibility.

Attend a Show – Receive a FREE GIFT!

Bring this coupon to our booth at one of these 2020 farm shows for a special gift.

• La Crosse Farm Show, La Crosse, WI – January 8-9, 2020
• O Grain Winter Conference, Madison, WI – January 24-25, 2020
• Marshfield Farm Show, Marshfield, WI – February 19-20, 2020
• MOSES Organic Farming Conference, La Crosse, WI – February 27-29, 2020
• Eau Claire Farm Show, Eau Claire WI – March 3-4, 2020
• WPS Farm Show, Oshkosh, WI – March 31-April 2, 2020
Discounts

Volume Discount - FREE SEED
The more you buy, the more you save. Every ten bags of corn and alfalfa you pay for—you get an additional 11th bag of corn FREE! (No limit on free bags.)

Cash Discounts:
As a Thank You to our customers we are offering a $25.00 cash discount on every bag of paid seed corn and $10.00 on alfalfa through December 31, 2019.

Pay for the seed in the following months and get a discount:
- January...5%
- February...4%
- March...3%

Pay with John Deere Credit
You get the cash discount for the month in which you charge the seed. Pay John Deere next fall.

Pay with Visa or MasterCard
You get the cash discount for the month in which you charge the seed. 4% fee for all VISA/MC applies.