At ProHarvest Seeds we pride ourselves on being your complete seed supplier. We work with other quality seed suppliers to offer you a wide array of Forages, Sweet Corn, Turf Grasses, CRP mixes, and Wildlife plot seed to fit your needs.

ProHarvest Seeds utilizes forage genetics that provide a balance of high quality with excellent tonnage. Our improved grasses and forages are selected from around the world and are chosen for quality, yield, persistence, disease resistance, and maturities that make it easier to manage hayfields and pastures.

ProHarvest Seeds is an independent seed company focused on providing world class seed to farmers. We offer a full spectrum of products, utilizing the best combination of genetics, traits and treatments to optimize your successful harvest. ProHarvest Seeds, home office in Ashkum Illinois, is one of the fastest growing independent seed companies in the US.

What started as a locally-focused company has now expanded throughout the Midwest. ProHarvest now has over 120 dealers and Regional Owners in 9 states, from Ohio to North Dakota. A sales team of Seed Specialists, combined with Regional Owners has fueled this expansion, while maintaining local and personalized service.
**ELDORA II**
- High resistance to multiple isolates of Aphanomyces Race 2
- Branched rooted, for adaptation to most soil types
- Unmatched new genetics for high yield and forage quality

**ENTREE RL**
- Reduced Lignin, High Digestability with excellent yields
- Solid Disease resistance package with high leaf to stem ratio
- Larger harvest window for long & short term rotations

**HYBRIFORCE-2420/WET**
- Branch rooted Hybrid Alfalfa
- Excellent disease package with Resistance to Aphanomyces root rot race 1 & II
- Larger root mass offers incredible persistence and traffic

**HYBRIFORCE-3400**
- High Yielding Hybrid Alfalfa
- Increased Harvest Time Flexability
- Very Dense, High quality stand

**L-450RR**
- High yielding, very fast recovery
- Roundup Ready® trait; great for problem fields
- Excellent winter hardiness

**HOPPERNOT**
- Leafhopper resistant variety
- High quality, low maintenance; higher yield vs. other LH alfalfas
- Adapted to 3 or 4 cut systems. Performs well with grasses.

**Recommended Seeding Rates**
- **Alone (Pure Stand)**: 18-22 lbs/Acre
- **In a Mix (Grasses)**: 8-16 lbs/Acre

**Recommended Planting Dates**
- March 20 - May 20
- August 15 - September 10
**ProHarvest Premium Alfalfa:**
- Deep rooted legume with outstanding drought tolerance and yield during the hotter part of the summer.
- The long rotation Alfalfa selected for AlfaCut is a durable, fine stemmed, high yielding variety with great persistence and deep green foliage.

**PHQ Orchardgrass:**
- High yielding, late maturing, great establishment
- Mix of superior varieties used for high quality hay and haylage

**PHQ Timothy:**
- High tonnage spring crop with great palatability
- Later maturing varieties used to provide for production beyond first cutting and have improved grazing tolerance

Rate: 25 lbs/Acre

**4Grass Hay Mix**

**Features:**
4Grass Hay mix is an all grass hay mix designed with late maturing grasses reaching peak production in late spring to early summer. This provides growers with high quality and tonnage for hay production. Pair it with ProHarvest Alfalfa for exceptional quality.

**Rate:** 30-40 lbs/Acre

**PHQ Tall Fescue:**
- Soft-leaf, late-maturing
- Yields equal to or greater than alfalfa
- High amounts of digestible fiber

**Festulolium:**
- Cross between fescue and ryegrass
- Palatable, winter hardy, very persistent
- Great for high traffic areas and bare spots in fields

**PHQ Orchard Grass:**
- High yielding, late maturing, great establishment
- Mix of superior varieties used for high quality hay and haylage

**PHQ Timothy:**
- High tonnage spring crop with great palatability
- Later maturing varieties used to provide for production beyond first cutting and have improved grazing tolerance

**Features:**
This ready to seed mix includes Alfalfa, Orchardgrass, and Timothy. The premium varieties in this mix are selected for a superior yielding, high quality dry hay or for haylage production. AlfaCut makes excellent horse and dairy quality hay.
### Rate for Pure Stand
- Alfalfa: 18-22
- Red Clover: 15-20
- Orchard Grass: 15-20
- Tall Fescue: 25-35
- Timothy: 10-15
- Perennial Ryegrass: 30-40
- Festulolium: 25-35
- Smooth Brome: 30-40
- Italian Ryegrass: 35-45
- White Clover: 2-5
- Forage Sorghum: 10
- Sorghum Sudan Grass: 35-50
- Hybrid Sudan Grass: 20-35
- Hybrid Pearl Millet: 20-35

### Rate in a Mix
- Alfalfa: 8-16
- Red Clover: 5-15
- Orchard Grass: 4-8
- Tall Fescue: 8-15
- Timothy: 3-6
- Perennial Ryegrass: 6-12
- Festulolium: 6-12
- Smooth Brome: 8-18
- Italian Ryegrass: 6-12
- White Clover: 1-4
- Forage Sorghum: N/A
- Sorghum Sudan Grass: N/A
- Hybrid Sudan Grass: N/A
- Hybrid Pearl Millet: N/A

### Persistence
- EX
- VG
- EX
- EX
- G
- G
- VG
- EX
- EX
- EX
- G
- EX
- VG
- VG

### Drought Tolerance
- EX
- EX
- VG
- EX
- P
- P
- VG
- VG
- VG
- G
- EX
- EX
- EX
- VG
- EX
- EX
- EX
- VG
- VG

### Winter Hardiness
- EX
- EX
- VG
- EX
- VG
- EX
- VG
- EX
- VG
- EX
- EX
- EX
- VG
- EX
- VG
- VG

### Palatability
- EX
- EX
- EX
- VG
- EX
- EX
- EX
- EX
- EX
- EX
- EX
- VG
- EX
- EX
- EX
- VG
- EX
- EX
- EX
- VG

### Yield Potential
- EX
- EX
- VG
- EX
- G
- VG
- EX
- VG
- VG
- EX
- EX
- VG
- EX
- VG
- VG

### Grazing Tolerance
- VG
- EX
- VG
- EX
- VG
- EX
- VG
- VG
- VG
- VG
- VG
- EX
- EX
- EX
- VG
- VG

### Disease Resistance
- VG
- EX
- VG
- EX
- VG
- EX
- VG
- VG
- VG
- VG
- VG
- EX
- EX
- EX
- VG
- VG

### Management Level
- High
- Medium
- Low
- Medium
- Low
- Low
- Low
- Low
- Low
- Medium
- Low
- Medium
- Medium
- Low

### Hay Mixes
- **AlfaCut**
  - 25% PHQ Orchardgrass
  - 65% Alfalfa
  - 10% PHQ Timothy

- **4Grass**
  - 20% PHQ Orchardgrass
  - 50% PHQ Tall Fescue
  - 25% Festulolium
  - 5% PHQ Timothy

### Pasture Mixes
- **PowerGraz**
  - 20% PHQ Perennial Ryegrass
  - 20% PHQ Orchardgrass
  - 10% Festulolium
  - 50% PHQ Tall Fescue

- **RapidGraz**
  - 50% Festulolium
  - 15% PHQ Orchardgrass
  - 25% PHQ Perennial Ryegrass
  - 5% White Clover
  - 5% Red Clover

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Festulolium:
- Cross between fescue and ryegrass
- Palatable, winter hardy, very persistent
- Great for high traffic areas and bare spots in fields

PHQ Tall Fescue:
- Soft-leaf, late-maturing
- Yields equal to or greater than alfalfa
- High amounts of digestible fiber

PHQ Orchard Grass:
- High yielding, late maturing, great establishment
- Mix of superior varieties used for high quality hay and haylage

PHQ Perennial Ryegrass:
- Most widely used cool season grass in the world.
- High in energy, good tonnage, very hardy varieties

PowerGraz
Features:
PowerGraz is ideal for cattle, sheep, goat, llama, alpaca and horse pastures. PowerGraz can also be used for high-moisture cutting and hay production.

Rate 30-40 lbs/Acre

RapidGraz
Features:
This mix is a combination of Festulolium, Orchardgrass, Perennial Ryegrass, Red Clover, and White Clover. RapidGraz is a five ingredient blend designed for a fast, easy start. This is a short term 3 to 4 year pasture blend.

Rate: 30-40 lbs/Acre
### Summer Annuals

#### Forage Sorghum
- **SP3905 BD BMR**
  - Brown mid-rib for improved digestibility, brachytic dwarf for decreased lodging
  - Harvest in 85-95 days after emergence
  - Excellent for silage
  - Double crop silage option

- **SP4105 BMR**
  - Sorghum-Sudan Grass
  - Photoperiod sensitive (headless) and BMR
  - Dual purpose: silage or hay
  - Extended harvest window
  - Best for hay, haylage, and greenchop

- **SP7106 BMR**
  - Sudan Grass
  - Photoperiod sensitive (headless)
  - Extended Harvest Window
  - Tolerates High Cutting Frequencies

#### Other Forages
- **Sordan 79**
  - Double crop silage option
  - Excellent for silage
  - Double crop silage option

- **Millex 32**
  - Pearl Millet
  - Dependable summer forage
  - Best for hay, haylage, and greenchop
  - Good leaf-to-stem ratio
  - Can be grazed also

- **Teff Grass**
  - 35-45 day first cut; 30 days for additional cuttings
  - Excellent emergency crop
  - Very fine stemmed, great for haylage and dry hay
  - Can be used in existing hayfields to add 1.5 to 3 tons in one crop
  - Extremely small seeds; establishment can be tricky

### Clover
- **Freedom Medium Red Clover**
  - Multi-year variety bred for hay production
  - Fine stem with reduced pubescence, which makes for a faster drydown
  - Exceptional yield
  - Excellent companion to Alfalfa
  - Good heat and drought tolerance

- **Evergraze Ladino White Clover**
  - Big-leafed, high-yielding variety
  - Great for high traffic, difficult areas, and pasture renovation
  - Great grazing persistence
  - Excellent heat tolerance
  - Designed for use in mixtures with cool and warm season grasses for pasture and wild-game blends

- **Red and White Clover Blend**
  - Mix of Freedom Red Clover and Evergraze Ladino White Clover
  - Adds diversity to your pasture, improving forage quality in pure grass stands
  - Excellent for frost seeding

### Forage Value Chart

<table>
<thead>
<tr>
<th>Variety</th>
<th>BMR</th>
<th>Usage</th>
<th>Days To Maturity</th>
<th>Nutritive Value</th>
<th>Drought Tolerance</th>
<th>Lodging Resistance</th>
<th>Regrowth</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3905 BD BMR</td>
<td>Yes</td>
<td>Silage</td>
<td>85-95</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>SP4105 BMR</td>
<td>Yes</td>
<td>Silage, Haylage, Grazing</td>
<td>PS*</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Sordan 79</td>
<td>No</td>
<td>Silage, Haylage, Grazing</td>
<td>50-65</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>SP7106 BMR</td>
<td>Yes</td>
<td>Silage, Haylage, Grazing</td>
<td>PS*</td>
<td>1</td>
<td>3</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Millex 32</td>
<td>No</td>
<td>Silage, Haylage, Grazing</td>
<td>50-62</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Teff Grass</td>
<td>No</td>
<td>Haylage, Hay</td>
<td>35-45</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>2</td>
</tr>
</tbody>
</table>

Numerical Rating: 1 = Excellent, 5 = Average, 8 = Poor

*Photoperiod Sensitive (Headless)*
<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Seeding Rate</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alfalfa</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>High yielding, leafy, high quality, branched growth</td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>Reduced lignin, high digestibility, longer harvest time</td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>Round-up tolerant, great for problem field, good yield</td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>Leaf hopper resistance, fits medium to long rotations</td>
</tr>
<tr>
<td><strong>Hybrid Alfalfa</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>High Yielding hybrid, harvest flexibility, high quality</td>
</tr>
<tr>
<td><strong>Centurion Annual Ryegrass</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>Branch rooted hybrid alfalfa, high traffic tolerance</td>
</tr>
<tr>
<td><strong>Centurion Annual Ryegrass</strong></td>
<td></td>
<td>Economical blend, Uncoted</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Seeding Rate</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Buckwheat</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>4-5</td>
<td>Late maturing, winter hardiness</td>
</tr>
<tr>
<td><strong>Winter Peas</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>25-35</td>
<td>High protein, good for forage and grain</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td><strong>Buckwheat</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>Early spring growth, good hay and grazing</td>
</tr>
<tr>
<td><strong>Winter Peas</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>30-40</td>
<td>50% FPM, 25% PRG, 15% OG, 5% WC, 5% RC</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alfalfa</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>65% ALF, 25% OG, 10% T</td>
</tr>
<tr>
<td>4 Grass Hay Mix*</td>
<td></td>
<td>50% TF, 25% FTM, 20% OG, 5% T</td>
</tr>
<tr>
<td><strong>RapidGraze Pasture Mix</strong></td>
<td></td>
<td>50% FPM, 25% PRG, 15% OG, 5% WC, 5% RC</td>
</tr>
<tr>
<td><strong>PowerGraze Pasture Mix</strong></td>
<td></td>
<td>50% TF, 20% PRG, 15% OG, 10% T</td>
</tr>
</tbody>
</table>

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<tr>
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</thead>
<tbody>
<tr>
<td><strong>Buckwheat</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>18-22</td>
<td>Good for forage and grain</td>
</tr>
<tr>
<td><strong>Winter Peas</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 lb.</td>
<td>30-40</td>
<td>Forage &amp; Cover Crop Peas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bag Size</th>
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<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Buckwheat</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48 lb.</td>
<td>6-12</td>
<td>Forage type, great tonnage and quality combination</td>
</tr>
<tr>
<td><strong>Winter Peas</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48 lb.</td>
<td>80-100</td>
<td>Very leafy, forage type, high quality and yield</td>
</tr>
<tr>
<td><strong>Oats &amp; Peas</strong></td>
<td></td>
<td>100 Early spring growth, good hay and grazing</td>
</tr>
</tbody>
</table>

**Key** - CT-Coated Seed, UCT-Uncoated Seed

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**Overview**

- **Eldora II CT Alfalfa**
- **L-450R CT Alfalfa**
- **HopperNet CT Alfalfa**
- **HybridFibre 3400 UCT Alfalfa**
- **HybridFibre 2420 Wet UCT**
- **2200 UCT Alfalfa**
- **Freedom Med Red Clover CT**
- **Medium Red Clover CT**
- **Ever Grazie White Clover CT**
- **Alice White Clover**
- **Frosty Berseem**
- **Aisky Clover**
- **Yellow Blossom Sweet Clover**
- **Mammoth Red Clover**
- **Red & White Clover Mix**
- **PHQ Orchard Grass**
- **PHQ Tall Fescue**
- **PHQ Timothy**
- **BG-24T Per Ryegrass**
- **Hostyn Festulolium**
- **Fotjan Festulolium**
- **Galton Peated Canary grass**
- **Waterway Mix**
- **Birdfoot Trefoil**
- **Chicory**

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**Seeding Mixtures**

- **SkipSorb BD/BMR Forage Sorgh.**
- **SP4105 BMK Sorghum x Sudan**
- **SP7106 BMK Sudangrass**
- **Hostyn Festulolium**
- **PHQ Tall Fescue**
- **Centurion Annual Ryegrass**
- **reSTORE Winter Rye (Cereal)**
- **reCLAIM Radishes**
- **Quick Cover Blend**
- **Secret Blend**
- **deCLAIM Radishes**
- **Centurion Annual Ryegrass**
- **eSTORE Winter Rye (Cereal)**
- **Winter Rye (Cereal)**
- **Fritillace**
- **Barley (Winter)**
- **Hairy Vetch (Inoc)**
- **Buckwheat**
- **Fixation Balansa Clover**
- **Crimson Clover**
- **Bracken Tumips**
- **Purple Top Tumips**
- **Calf Essentials Rapsseed**
- **Winifred Forte Brassica**
- **Brassica Mix**
- **Winter Peas**
- **Cowpeas**
- **Spring Oats**
- **Forage Oats**
- **Oats & Peas**

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**Additional Notes**

- Increase Cover Crop seeding rates by 25% for Aerial or Broadcast Seeding
- Available on a per pound basis, may be subject to split-bag charge
- Special Order Item No Returns or Cancellations and may incur additional shipping charges

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**Date**

December 18, 2020