



## Product Guide

2009-2010

**Organic crops start with the seed.**  
PLANT ORGANIC. FARM BETTER.



# Plant Organic. Farm Better.

It's our theme for this year and we're not sure we can put that sentiment on paper any more clearly.

Organic crops start with planting organic seed.

Good-quality organic seed for field corn, soybeans, alfalfa and other forages is now readily available and used by many organic farmers throughout the U.S. and Canada.

But, some in the organic community are concerned about the number of "otherwise compliant" organic farmers who plant untreated, non-GMO conventional seed.

The National Organic Program requirement for certified organic seed states:

*"The producer must use organically grown seeds...except... non-organically produced, untreated seeds and planting stock may be used to produce an organic crop when an equivalent organically produced variety is not commercially available..."*

The NOP exception is there to allow producers of organic crops to be certified, only if no seed was available to be purchased. In some crops, that is indeed the case.

Companies like Blue River Hybrids produce and nationally distribute seed that performs well with the vigor and yield farmers expect. At Blue River Hybrids, we're confident in our seed quality.

We are thankful for the confidence and trust our dealers, customers and their families continue to have in our products. We appreciate your interest in Blue River Hybrids and the opportunity to supply organic seed for your farm.

Keep in spirit with the organic farming practice. Organic crops begin with the seed you put into the soil.

Plant Organic. Farm Better.

*Maury Johnson*

Maury Johnson



Maury Johnson



**Front row:** Jesus Romero **Second row:** Neilie Hoskins, Jeff Frantz, Yolanda Sanchez, Marie McCuskey, Dale Clark  
**Third row:** Scott Ausborn, Sandra Kowalik, Gary Miller, Cheri Johnson, Maury Johnson

# National Distribution



**NORTHERN REGION**

David Burns  
*Northern Region Manager*

**(319) 240-6351**

**EASTERN REGION**

Luke Howard  
*Eastern Region Manager*

**(410) 708-3105**  
luke.howard@baybroadband.net

**CENTRAL REGION**

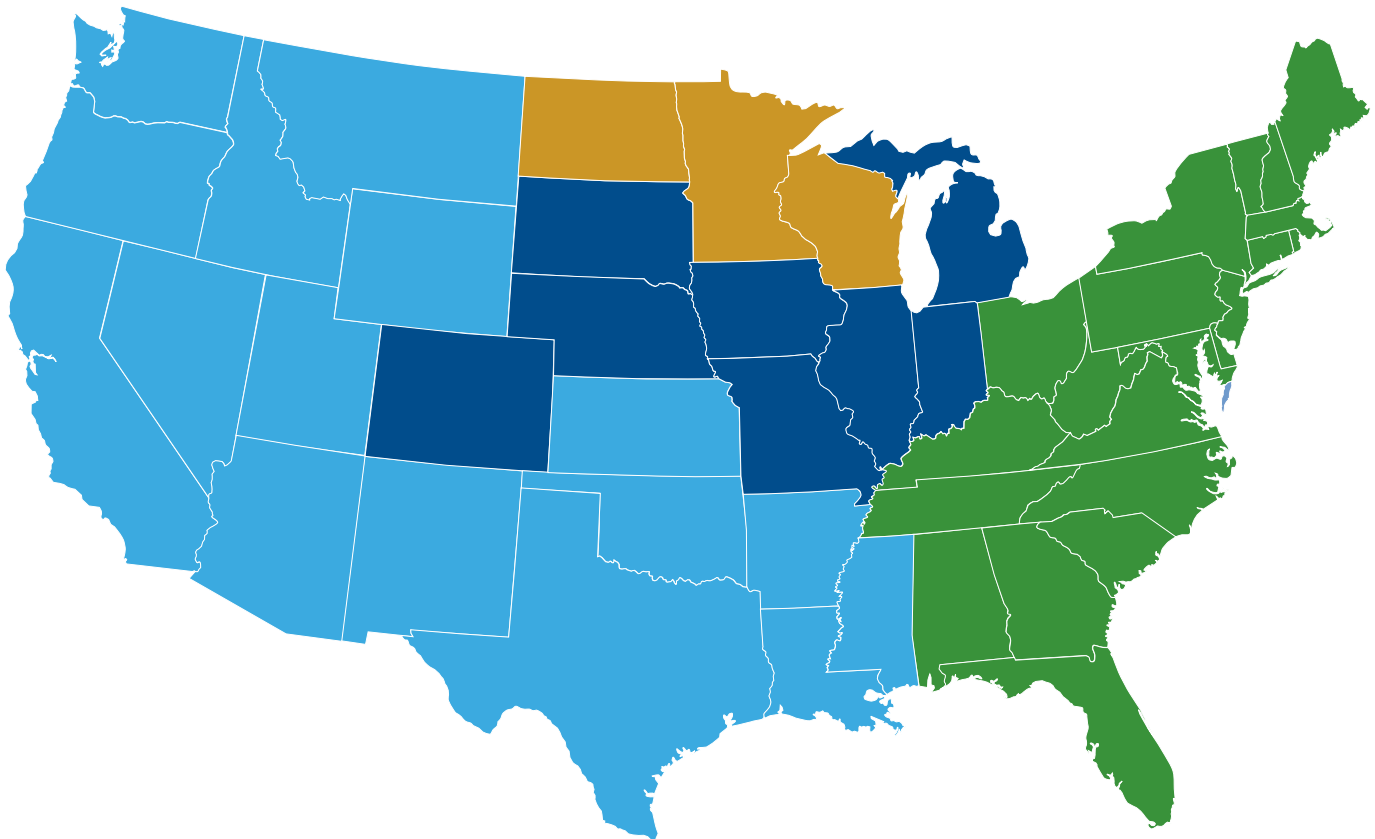
Joe Fries  
*Central Region Manager*

**(319) 651-4560**  
joe@timberroad.net

**WESTERN REGION**

BRH Office

**800-370-7979**  
info@blueriverorgseed.com



For additional information about Blue River Hybrids and its products, go to [www.blueriverorgseed.com](http://www.blueriverorgseed.com)

To locate a dealer in your area call the Regional Sales Manager for your state or go to [www.blueriverorgseed.com](http://www.blueriverorgseed.com) and click on dealer locator.

# Organic Corn 80-90 day

## O8K18 - 80 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Early, work-horse type hybrid
- Hybrid has good plant health
- Hard kernels with above average oil content, slower dry down
- For best results, hybrid should only be used in its maturity zone

## 19K19 - 84 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Very good early season vigor
- Widely adapted
- Strong late-season plant integrity
- Potential for dual-purpose use



Blue River Hybrids has a wide variety of products, some of the best in the organic world.

**Fred Allen**  
Baldwinsville, NY  
BRH Customer

## 23M91 - 85 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Good yield potential in all northern environments
- Very good plant health and stalk strength
- Very good ear flex
- Tall hybrid

## 25A16 - 87 day NEW

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- New hybrid well suited to northern environments
- Strong yield potential
- Strong stalks
- Good performance under heat stress

## 28B19 - 89 day NEW

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Promising new hybrid in the late 80 day group
- Good plant health and agronomics
- Good tolerance to stress conditions
- Has good ear flex

# Organic Corn 90-95 day

## 30A12 - 90 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- 30A12 works best in central and eastern regions
- Plants are healthy, and produce big ears
- Very good fall dry-down
- Girthy, semi-flex ears

## 30B19 - 90 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Hybrid prefers warmer growing season
- Excellent yield potential
- Very good plant health
- Best performance in central and western areas

## 33N73 - 92 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Strong early emergence
- Hybrid will work south of its maturity zone
- General use hybrid with wide leaves for a dense canopy
- Work-horse type hybrid, dependable

## 33L90 Leafy Silage - 93 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DROUGHT TOLERANCE |      |      |           |           |
| ROOT STRENGTH     |      |      |           |           |
| TONNAGE POTENTIAL |      |      |           |           |
| NDFd              |      |      |           |           |
| DM DIGESTIBILITY  |      |      |           |           |
| MILK/ACRE         |      |      |           |           |

- Leafy Silage hybrids are tall and have more young leaves above the ear
- Stalks are more flexible (contain less lignin)
- 33L90 is our earliest leafy silage hybrid

## 35A19 - 94 day NEW

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Excellent early vigor
- Very good grain quality and test weight
- Very good plant health
- Adapted to variety of environments

## 36K71 - 95 day NEW

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Wide leaves result in good canopy cover
- Very good ear flex for yield stability
- Takes heat/drought stress well
- Fall dry down will be above average

For planter plates, call Lincoln Ag Products, 402.464.6367

Small flats and rounds are packaged at 90,000 seeds/bag, but are the same price as the medium seed packaged at 80,000 seeds/bag.

# Organic Corn 96-102 day

## 42A32 - 96 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Proven hybrid with best results in central and western areas
- Excellent yield potential
- Plant health and stalk integrity are average at best

## 41R00 - 99 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Great yield potential
- Very good standability
- Tall plants
- Can be used in varied growing environments

## 44R57 - 99 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Hybrid is medium height
- Very good ear flex
- Excellent yield potential, best in 2008
- Can be used for hand-picking



Blue River Hybrids show good yields and seem to be bred to compete with the weeds we have here. I'm impressed with them.

**Ron Rogers**  
Portland, MI  
BRH Dealer

## 46M96 Leafy Silage - 100 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DROUGHT TOLERANCE |      |      |           |           |
| ROOT STRENGTH     |      |      |           |           |
| TONNAGE POTENTIAL |      |      |           |           |
| NDFd              |      |      |           |           |
| DM DIGESTIBILITY  |      |      |           |           |
| MILK/ACRE         |      |      |           |           |

- Leafy Silage hybrids are tall and have more young leaves above the ear
- Stalks are more flexible (contain less lignin)

## 48B30 - 102 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Very good yields in the early 100 day group
- Tall, nutritious plants make 48B30 a good dual use hybrid
- Hybrid performs well in a variety of environments
- Very good plant health

# Organic Corn 103-107 day

## 53R57 - 104 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Tall plants with excellent yield potential
- Good plant health and stalk quality
- Excellent yield potential
- Has outyielded 48B30

## 56M30 - 106 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Tall hybrid with excellent yield potential
- Very good seedling vigor, plant health and roots
- Excellent ear flex, can perform well under lower populations
- Widely adapted

## 57A37 - 107 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- White cob, excellent grain quality, with possible food-grade uses
- Best in central and eastern areas
- Very good plant health

## 57H36 - 107 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- A top-yielder for this maturity
- Very tall hybrid
- Very good stalks and roots



For planter plates, call Lincoln Ag Products, 402.464.6367

Small flats and rounds are packaged at 90,000 seeds/bag, but are the same price as the medium seed packaged at 80,000 seeds/bag.

# Organic Corn 108-111 day



Blue River Hybrids has been great to work with. They've worked with me to find products that fit this region and I've been very pleased with the products.

**Nathan Cook**  
Hillsboro, OH  
BRH Dealer

## 58B07 - 108 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WEIGHT       |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Very good early vigor
- Thicker stalks result in excellent standability
- Plants have large leaves that produce a dense canopy
- Widely adapted

## 59L36 Leafy Silage - 108 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DROUGHT TOLERANCE |      |      |           |           |
| ROOT STRENGTH     |      |      |           |           |
| TONNAGE POTENTIAL |      |      |           |           |
| NDFd              |      |      |           |           |
| DM DIGESTIBILITY  |      |      |           |           |
| MILK/ACRE         |      |      |           |           |

- Leafy Silage hybrids are tall and have more young leaves above the ear
- Has been a good silage choice in variety of areas
- Stands well for leafy silage hybrid



A wet fall and snowy winter delayed harvest of our corn crop. My BRH corn was still standing in May with ears on it after a North Dakota winter."

**Owen Trangsrud**  
Enderlin, ND  
BRH Customer

## 63H07 - 110 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WT           |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Excellent early vigor, good plant health
- Very tall
- Can take heat and drought stress
- Produces high test weight grain



# Organic Corn 111-114 day

## 66H54 - 112 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WT           |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- 66H54 has been a top-performer in many environments
- Excellent yield potential with good drydown
- Very good ear flex
- Can perform well under low plant populations

## 70R50 - 114 day

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WT           |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- Very good yield potential
- Good stalks and roots
- Has potential as a dual-purpose hybrid

## 71K36 - 114 day NEW

| Poor              | Fair | Good | Very Good | Excellent |
|-------------------|------|------|-----------|-----------|
| SEEDLING VIGOR    |      |      |           |           |
| DISEASE TOLERANCE |      |      |           |           |
| STRESS TOLERANCE  |      |      |           |           |
| STANDABILITY      |      |      |           |           |
| TEST WT           |      |      |           |           |
| DRY-DOWN          |      |      |           |           |
| YIELD POTENTIAL   |      |      |           |           |

- New full season hybrid with good performance in full season areas
- Has out-yielded both 66H54 and 70R50 in Texas
- Good heat tolerance



## Grain Sorghum

### 55R6 CNV

- 55 days to mid-bloom, red grain color
- Red grain color
- Works for a double crop, or for grain in shorter season areas
- Medium height, open head, and good threshability

### 64B6 CNV

- 64 days to mid-bloom, bronze grain color
- Biotype "E" green bug resistance
- Excellent yield potential

### 67C6 CNV

- 67 days to mid-bloom, cream grain color
- Very drought tolerant
- Good emergence, standability and threshability
- Biotype "C" greenbug resistance

CONVENTIONAL SEED ONLY

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# Organic Corn Ratings

- 1 Poor
- 2 Fair
- 3 Good
- 4 Very Good
- 5 Excellent

|       | PLACEMENT         |        |              |                                 | AGRONOMIC CHARACTERISTICS |        |             |              |              |            | EAR AND GRAIN CHARACTERISTICS |             |            |               |           |                 |                  |              |
|-------|-------------------|--------|--------------|---------------------------------|---------------------------|--------|-------------|--------------|--------------|------------|-------------------------------|-------------|------------|---------------|-----------|-----------------|------------------|--------------|
|       | Relative Maturity | Region | Plant Health | Stress Tolerance (Heat/Drought) | Seedling Vigor            | Canopy | Root Rating | Stalk Rating | Plant Height | Ear Height | Ear Flex                      | Test Weight | Food Grade | Fall Dry-down | Cob Color | Yield Potential | Silage Potential | Hand Picking |
| 08K18 | 80                | All    | 3            | 3                               | 4                         | 3      | 4           | 3            | 4            | 3          | 4                             | 5           | 4          | 2             | White     | 3               | 3                | 3            |
| 19K19 | 84                | All    | 3            | 4                               | 4                         | 3      | 3           | 4            | 4            | 3          | 3                             | 3           | 3          | 3             | Red       | 3               | 3                | 4            |
| 23M91 | 85                | All    | 3            | 4                               | 3                         | 5      | 4           | 3            | 4            | 3          | 4                             | 3           | 3          | 3             | Red       | 4               | 3                | 3            |
| 25A16 | 87                | C W    | 3            | 4                               | 3                         | 3      | 4           | 3            | 4            | 4          | 3                             | 3           | 3          | 4             | Red       | 5               | 2                | 3            |
| 28B19 | 89                | All    | 3            | 4                               | 4                         | 5      | 4           | 3            | 4            | 3          | 4                             | 3           | 3          | 3             | Red       | 4               | 3                | 3            |
| 30A12 | 90                | C E    | 3            | 3                               | 3                         | 3      | 4           | 4            | 3            | 3          | 4                             | 3           | 3          | 4             | Red       | 4               | 3                | 4            |
| 30B19 | 90                | All    | 3            | 4                               | 3                         | 4      | 4           | 3            | 4            | 4          | 4                             | 3           | 3          | 4             | Red       | 4               | 3                | 3            |
| 33N73 | 92                | All    | 5            | 3                               | 4                         | 4      | 4           | 4            | 3            | 3          | 3                             | 3           | 3          | 4             | Red       | 4               | 3                | 4            |
| 33L90 | 92                | All    | 3            | 3                               | 3                         | 5      | 4           | 2            | 5            | 3          | 3                             | 2           | 1          | 3             | Red       | 2               | 5                | 1            |
| 35A19 | 94                | All    | 4            | 3                               | 5                         | 4      | 3           | 3            | 4            | 4          | 4                             | 4           | 4          | 3             | Red       | 3               | 4                | 2            |
| 36K71 | 95                | All    | 3            | 4                               | 3                         | 4      | 4           | 4            | 4            | 3          | 4                             | 3           | 3          | 4             | Red       | 4               | 3                | 2            |
| 42A32 | 96                | C W    | 2            | 4                               | 3                         | 3      | 4           | 2            | 3            | 3          | 3                             | 3           | 3          | 4             | Red       | 3               | 2                | 3            |
| 41R00 | 98                | All    | 4            | 4                               | 3                         | 4      | 4           | 4            | 5            | 4          | 3                             | 3           | 3          | 2             | Red       | 5               | 4                | 2            |
| 44R57 | 99                | All    | 3            | 4                               | 3                         | 4      | 4           | 3            | 4            | 4          | 4                             | 3           | 3          | 3             | White     | 5               | 3                | 4            |
| 46M96 | 100               | All    | 3            | 2                               | 3                         | 4      | 4           | 2            | 5            | 3          | 3                             | 2           | 1          | 2             | Red       | 2               | 5                | 1            |
| 48B30 | 102               | All    | 4            | 4                               | 3                         | 4      | 4           | 3            | 4            | 4          | 4                             | 3           | 3          | 3             | Red       | 5               | 4                | 2            |
| 53R57 | 104               | All    | 4            | 3                               | 4                         | 3      | 4           | 3            | 5            | 5          | 4                             | 3           | 3          | 3             | Red       | 5               | 4                | 2            |
| 56M30 | 106               | All    | 4            | 3                               | 4                         | 3      | 3           | 3            | 4            | 4          | 4                             | 3           | 3          | 3             | Red       | 4               | 3                | 3            |
| 57A37 | 106               | E C    | 4            | 3                               | 3                         | 3      | 4           | 3            | 3            | 3          | 3                             | 3           | 3          | 3             | White     | 3               | 2                | 4            |
| 57H36 | 107               | All    | 3            | 3                               | 3                         | 4      | 4           | 3            | 5            | 4          | 4                             | 3           | 3          | 3             | Red       | 5               | 3                | 4            |
| 58B07 | 108               | All    | 4            | 3                               | 5                         | 3      | 4           | 4            | 4            | 4          | 4                             | 3           | 3          | 3             | Red       | 4               | 2                | 4            |
| 59L36 | 108               | All    | 3            | 3                               | 3                         | 4      | 4           | 2            | 5            | 3          | 4                             | 3           | 1          | 3             | Red       | 3               | 4                | 1            |
| 63H07 | 110               | All    | 4            | 4                               | 4                         | 4      | 4           | 2            | 5            | 4          | 4                             | 5           | 4          | 2             | Red       | 3               | 2                | 3            |
| 66H54 | 112               | All    | 3            | 4                               | 3                         | 3      | 4           | 3            | 4            | 4          | 4                             | 3           | 3          | 4             | Pink      | 5               | 4                | 3            |
| 70R50 | 114               | All    | 4            | 3                               | 3                         | 3      | 4           | 3            | 4            | 4          | 3                             | 3           | 3          | 3             | Red       | 4               | 4                | 2            |
| 71K36 | 114               | All    | 3            | 4                               | 3                         | 4      | 4           | 3            | 4            | 3          | 4                             | 4           | 3          | 3             | Red       | 4               | 4                | 2            |

**Plant Health** is the ability of hybrid to tolerate diseases, and remain healthy throughout the growing season

**Stress Tolerance** is the ability to tolerate times of high heat and or lack of moisture

**Seedling Vigor** refers to the seeds' ability to vigorously grow, even when conditions are not ideal

**Canopy** refers to the hybrid's ability to cover the row and "shade out" or limit the ability of weeds to grow.

Hybrids with wider, less vertical leaves will have a better canopy rating.

**Root Rating** is the rating given a hybrid for having good roots to anchor the plant

**Stalk Rating** is the plant's ability to maintain good stalk strength, both during the growing season and after

**Ear Flex** is a hybrids ability to produce bigger ears (either in girth or length) when total populations are down, or an individual plant has more room around itself

There are various definitions for "**Food Grade**", but here it means that test weight is higher, and kernels have a harder texture.

**Fall dry-down** is the hybrids' ability to dry down quickly after kernel black layer has formed.

**Hand picking** is a rating that combines (1) convenient ear height, and (2) shucks that loosen around the ear

Please Note - 2009 Test plot data will be available beginning December 1 on our website [www.blueriverorgseed.com](http://www.blueriverorgseed.com).

Customize your search by area and compare hybrid performance by going to the BRH web site.

# Organic Soybeans Group 0–1.5

## 06F8 Brand - Group 0.6 FOOD GRADE

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food use
- Seeds/lb estimated to be 2,900 - 3,100
- Taller, bush type bean provides good canopy
- 6% above plot mean in Wisconsin State Trials

## 09F8 Brand - Group 0.9 FOOD GRADE

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow Hilum, food uses are possible
- Seeds estimated to be 2,800 - 3,100
- Bush type bean develops a good canopy
- Variety has cyst resistance
- Combines easy

## 10F8 Brand - Group 1.0 FOOD GRADE

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food/tofu use
- Seeds/lb estimated to be 2,600 - 2,900
- Plants are tall, but stand well
- Has good yield potential for a food type bean
- Beans are higher off the ground than normal

## 1A24 Brand - Group 1.2

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- Seeds/lb estimated to be 2,500 - 2,800
- Very good performance, even under stress
- Above average yields for early Group I

## 1F44 Brand - Group 1.4 FOOD GRADE

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food/tofu use
- Seeds/lb estimated to be 2,100 - 2,500
- Good canopy results from taller plants that have a medium bush profile
- High protein and more yield than Vinton

## 15F8 Brand - Group 1.5 FOOD GRADE

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food/tofu use
- Seeds/lb estimated to be 2,500 - 2,800
- Smaller size and slightly lower protein than 1F44
- 118% of plot mean in Minnesota state trials

# Organic Soybeans Group 1.5–2.4

## 15K9 Brand - Group 1.5

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,600 - 2,900 seeds/lb
- High protein, use for higher protein feeding rations
- Highest yield in 2006 Wisconsin organic trial

## 16A7 Brand - Group 1.6

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,700 - 3,100 seeds/lb
- Variety performs well in variety of areas
- Good performance south of normal maturity zone
- Best yielding variety in Group 1

## 19A9 Brand - Group 1.9

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,700 - 3,100 seeds/lb
- Very good heat/drought tolerance
- 7% above mean in 2008 Wisconsin state trials

## 2A12 Brand - Group 2.1

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,700 - 3,100 seeds/lb
- Very good stress tolerance, performs well even on poorer soils
- 12% above mean in 2006 Wisconsin organic trial

## 21C0 Brand - Group 2.1 NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,900 - 3,200 seeds/lb
- Plants are medium tall, and medium-bush
- Variety has cyst resistance

## 24A7C Brand - Group 2.4

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,600 - 2,800 seeds/lb
- Variety has cyst resistance, bushy profile
- 9% higher yield than 2A12 in 2008

# Organic Soybeans Group 2.4–3.0

## 24F8 Brand - Group 2.4 FOOD GRADE

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food use
- 2,000 - 2,400 seeds/lb
- Good canopy results from taller plants that have a medium bush profile
- Variety has larger size and higher protein

## 25A0 Brand - Group 2.5 NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding, feed-type
- Seeds/lb are estimated to be 2,900 - 3,100
- Variety is medium tall and bushy, makes good canopy
- 3.5 bu more yield than 27A9 in 2008

## 2A71 Brand - Group 2.7

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, feed use, dependable over several years
- 2,700 - 3,100 seeds/lb
- Good canopy results from taller plants that have a medium bush profile
- Yield was 110% of plot mean in Wisconsin State trials

## 27A9 Brand - Group 2.7

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,700 - 3,100 seeds/lb
- Excellent iron chlorosis score
- Good yields across many environments

## 28A0 Brand - Group 2.8 NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding, feed-type
- Seeds/lb are estimated to be 2,900 - 3,100
- Medium height and intermediate profile make a good canopy
- 3 bu more yield than 27A9 in 2008

## 29AR9 Brand - Group 2.9 NOW ORGANIC

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Aphid resistant, dark hilum variety
- 2,700 - 3,100 seeds/lb
- Yield advantage most significant in environments with heavy aphid pressure

# Organic Soybeans Group 3.0–3.9

## 30A7 Brand - Group 3.0

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, feed type
- 2,700 - 3,100 seeds/lb
- Good plant health and standability at harvest
- Yields have been very close to 2A71

## 32F0 Brand - Group 3.2 FOOD GRADE NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food/tofu use
- Large seeded, 2,200 - 2,500 seeds/lb
- Protein is 37 to 38% (at 13% moisture)
- Very good yield potential for a food variety

## 34A7 Brand - Group 3.4

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, feed type
- 2,400 - 2,700 seeds/lb
- Very good yield stability even in stressed environments
- Excellent yields in Group III variety

## 37A0 Brand - Group 3.7 NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,900 - 3,300 seeds/lb
- Very good white mold, BSR tolerance with cyst resistance
- Good performance on marginal soil types
- 5% over test mean for 3 years

## 38C9 Brand - Group 3.8 NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Dark hilum, high yielding feed-type
- 2,600 - 3,000 seeds/lb
- Medium tall, semi-bush plants
- Variety has cyst resistance with excellent iron chlorosis rating
- 4% better yield than 34A7

## 39F0 Brand - Group 3.9 FOOD GRADE NEW

| Poor             | Fair | Good | Very Good | Excellent |
|------------------|------|------|-----------|-----------|
| SEEDLING VIGOR   |      |      |           |           |
| CANOPY           |      |      |           |           |
| IDC              |      |      |           |           |
| STRESS TOLERANCE |      |      |           |           |
| STANDABILITY     |      |      |           |           |
| YIELD POTENTIAL  |      |      |           |           |

- Yellow hilum, possible food use
- 2,200 - 2,500 seeds/lb
- Medium tall, semi-bush plant type
- Good cyst tolerance, heat/drought tolerance
- Very good yields for a large-seeded, high protein line



**Bob Petersen**

Tyler, MN

Farming for 50 years,  
10 years exclusively organic  
BRH customer since 2005  
NC+ Organics customer  
prior to founding of BRH

# Organic Soybean Ratings

- 1 Poor
- 2 Fair
- 3 Good
- 4 Very Good
- 5 Excellent

|       | PLACEMENT        |              |              |            |        | AGRONOMIC CHARACTERISTICS |                        |                      |                  |                    |              | GRAIN CHARACTERISTICS |               |                   |                  |              |                 |
|-------|------------------|--------------|--------------|------------|--------|---------------------------|------------------------|----------------------|------------------|--------------------|--------------|-----------------------|---------------|-------------------|------------------|--------------|-----------------|
|       | Group - Maturity | Early Growth | Plant Height | Plant Type | Canopy | Plant Health              | Phytophthora Tolerance | IDC (Iron Chlorosis) | Stress Tolerance | Shatter Resistance | Standability | Hilum Color           | Feed/Food Use | Seeds / lbs (Est) | Protein % (@13%) | Oil % (@13%) | Yield Potential |
| 06F8  | 0.6              | 3            | 4            | 4          | 3      | 4                         | 3                      | 2                    | 3                | 4                  | 4            | Y                     | Food          | 3,000             | 33.9%            | 18.9%        | 4               |
| 09F9C | 0.9              | 4            | 3            | 4          | 4      | 3                         | 3                      | 3                    | 4                | 4                  | 4            | Y                     | Food          | 2,800             | 36.2%            | 17.1%        | 4               |
| 10F8  | 1.0              | 3            | 4            | 3          | 3      | 3                         | 3                      | 2                    | 3                | 3                  | 3            | Y                     | Food          | 2,400             | 33.8%            | 18.8%        | 3               |
| 1A24  | 1.2              | 3            | 4            | 4          | 4      | 4                         | 3                      | 2                    | 4                | 5                  | 5            | D                     | Feed          | 2,700             | 35.9%            | 17.2%        | 4               |
| 1F44  | 1.4              | 4            | 4            | 4          | 4      | 3                         | 3                      | 2                    | 3                | 4                  | 4            | Y                     | Food          | 2,200             | 38.8%            | 16.7%        | 3               |
| 15F8  | 1.5              | 4            | 3            | 3          | 4      | 3                         | 3                      | 2                    | 3                | 4                  | 4            | Y                     | Food          | 2,500             | 38.3%            | 16.4%        | 4               |
| 15K9  | 1.5              | 3            | 4            | 3          | 4      | 3                         | 3                      | 2                    | 3                | 4                  | 3            | D                     | Food          | 2,700             | 36.5%            | 17.9%        | 4               |
| 16A7  | 1.6              | 4            | 4            | 4          | 4      | 5                         | 4                      | 3                    | 4                | 5                  | 4            | D                     | Feed          | 2,800             | 35.3%            | 17.9%        | 5               |
| 19A9  | 1.9              | 3            | 4            | 4          | 3      | 4                         | 4                      | 2                    | 3                | 4                  | 4            | D                     | Feed          | 2,800             | 34.1%            | 19.1%        | 4               |
| 21C0  | 2.1              | 3            | 3            | 3          | 4      | 3                         | 3                      | 2                    | 4                | 4                  | 4            | D                     | Feed          | 3,100             | 32.8%            | 18.5%        | 4               |
| 2A12  | 2.1              | 3            | 3            | 3          | 3      | 4                         | 3                      | 2                    | 4                | 4                  | 4            | D                     | Feed          | 2,900             | 34.6%            | 17.5%        | 4               |
| 24A7C | 2.4              | 3            | 4            | 5          | 4      | 3                         | 3                      | 2                    | 3                | 3                  | 3            | D                     | Feed          | 2,700             | 36.0%            | 17.8%        | 4               |
| 24F8  | 2.4              | 3            | 3            | 3          | 3      | 4                         | 3                      | 2                    | 3                | 4                  | 3            | Y                     | Food          | 2,000             | 37.5%            | 17.5%        | 3               |
| 25A0  | 2.5              | 3            | 3            | 5          | 4      | 4                         | 4                      | 2                    | 4                | 3                  | 3            | D                     | Feed          | 3,000             | 35.2%            | 18.5%        | 5               |
| 27A9  | 2.7              | 3            | 3            | 4          | 3      | 3                         | 4                      | 4                    | 3                | 4                  | 4            | D                     | Feed          | 2,800             | 35.9%            | 18.4%        | 4               |
| 2A71  | 2.7              | 3            | 3            | 3          | 3      | 3                         | 4                      | 3                    | 4                | 4                  | 4            | D                     | Feed          | 2,900             | 35.9%            | 16.8%        | 5               |
| 28A0  | 2.8              | 4            | 3            | 3          | 3      | 4                         | 3                      | 3                    | 4                | 3                  | 3            | D                     | Feed          | 3,000             | 34.5%            | 18.7%        | 5               |
| 29AR9 | 2.9              | 3            | 3            | 3          | 3      | 4                         | 3                      | 2                    | 3                | 3                  | 4            | D                     | Feed          | 2,800             | 33.7%            | 19.2%        | 4               |
| 30A7  | 3.0              | 3            | 4            | 3          | 3      | 4                         | 4                      | 2                    | 2                | 4                  | 4            | D                     | Feed          | 2,600             | 37.4%            | 17.2%        | 4               |
| 32F0  | 3.2              | 3            | 3            | 3          | 3      | 4                         | 5                      | 2                    | 3                | 3                  | 4            | Y                     | Food          | 2,300             | 38.1%            | 17.8%        | 4               |
| 34A7  | 3.2              | 3            | 3            | 3          | 3      | 4                         | 4                      | 3                    | 4                | 4                  | 4            | D                     | Feed          | 2,600             | 36.1%            | 16.8%        | 5               |
| 37A0  | 3.7              | 3            | 4            | 3          | 3      | 4                         | 3                      | 2                    | 4                | 3                  | 3            | D                     | Feed          | 3,100             | 33.1%            | 19.9%        | 4               |
| 38C9  | 3.8              | 3            | 4            | 3          | 3      | 4                         | 4                      | 3                    | 4                | 3                  | 4            | D                     | Feed          | 2,800             | NA               | NA           | 5               |
| 39F0  | 3.9              | 3            | 3            | 4          | 3      | 3                         | 3                      | 2                    | 4                | 4                  | 3            | Y                     | Food          | 2,400             | 38.7%            | 18.4%        | 4               |

# Forages

## ALFALFA

### Bluejay HR CNV

- Glandular hairs help reduce feeding by leaf hoppers
- One of top varieties in Iowa "no-spray" test, 31% better than Vernal over 3 years
- Very good pest/disease resistance: 30/30
- 2009-10 supply will be conventional only, organic seed acres have been planted

### Falcon CNV NEW

- Branch rooted alfalfa stays productive in poorly drained soils
- Multi-leaf variety produces excellent forage quality
- High disease resistance (DRI 30/30) means that Falcon will remain highly productive against a wide range of disease and pests
- 2009-10 supply will be conventional only, organic seed acres have been planted

### Mallard CNV

- Rapid regrowth, 4 - 6 inches of extra regrowth in the first 21 days
- Extra regrowth may allow for an additional cutting per year
- Capable of more tons/acre, and more milk/acre
- 2009-10 supply will be conventional only, organic seed acres have been planted

### Organic Roadrunner

- Excellent leaf to stem ratio
- Very good disease resistance and excellent winter hardiness
- 16% better yield than Vernal in 2 year Iowa test, and ranked 11th of 24 varieties
- 2009-10 supply will be organic
- Offered with Apex seed coating

### Organic Goldfinch Blend

- Blend of several varieties
- Good winter-hardiness
- Priced to meet the needs of shorter crop rotation

### Apex Seed Coating

- Apex seed coating provides protection to ensure seed survivability and to stimulate vigorous early growth
- Can increase seed/young plant survivability by 50%
- Results in more live plants per pound of seed, even though there is about one-third less actual seed/lb
- Apex seed coating has been approved by OCIA use on organic farms
- Apex is a mix of minerals and rhizobia bacteria, and bonds to each seed in a dense, durable coating.
- Available only on Organic Roadrunner Seed

| Agronomic Characteristics | Bluejay HR | Falcon | Mallard | Roadrunner |
|---------------------------|------------|--------|---------|------------|
| Fall Dormancy             | 3.3        | 3.6    | 4.0     | 4.0        |
| Winter Hardiness          | 2.7        | 1.6    | 2.0     | 2.1        |
| Disease Rating            | 28/30      | 30/30  | 29/30   | 29/30      |
| Phytophthora Root Rot     | HR         | HR     | HR      | HR         |
| Bacterial Wilt            | HR         | HR     | HR      | HR         |
| Verticillium Wilt         | R          | HR     | HR      | R          |
| Fusarium Wilt             | HR         | HR     | HR      | HR         |
| Anthraco nose             | HR         | HR     | HR      | HR         |
| Aphanomyces               | HR         | HR     | R       | HR         |
| Stem Nematode             | R          | HR     | NA      | HR         |
| Pea Aphid                 | HR         | NA     | R       | HR         |
| Spotted Alfalfa Aphid     | R          | NA     | R       | HR         |

HR = Highly resistant, MR=Moderately resistant, R=Resistant

## RED CLOVER

### Cardinal Brand Red Clover CNV

- Multi-year medium red clover with consistent performance
- Good early spring green up with semi-erect plant growth
- Faster recovery after harvest
- Strong disease resistance to anthracnose, powdery mildew and common crown rots
- Better yield and persistence than Arlington red clover
- Seed supply is conventional

## SORGHUM SUDANGRASS

### Organic Black Hawk 12 BMR NEW

- Improved version of the Hawk 12 BMR
- Lower lignin content increases intake by animals and increase digestibility
- Primary uses are for pasture, and hay; secondary use is for greenchop
- Black Hawk 12 BMR is an excellent forage during the heat of the summer when other forage grasses are less productive
- Best when cut at 35" to 42", leaving 6 - 10" of stubble to promote better re-growth
- To avoid prussic acid poisoning, allow young plants to grow taller than 24" before pasturing, and avoid pasturing for 10 days after frost
- For finer stems, better palatability, and faster drying, plant 30 - 50 lbs/acre

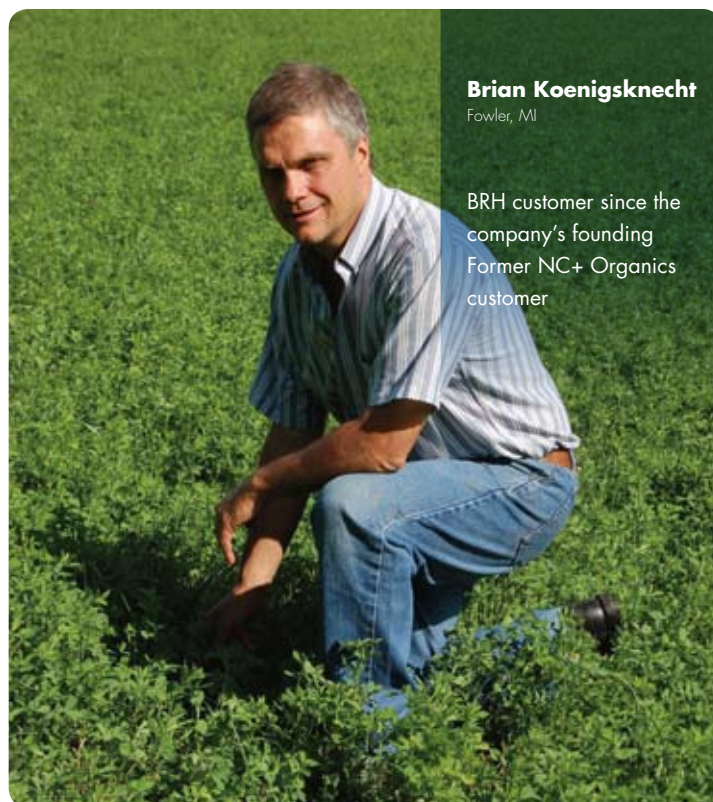
## GRASS MIXES

### Organic Hay Mix

- Contains about 50% tall fescue, 20% Festulolium, 20% orchardgrass, and 10% timothy.
- Packaged 25 lbs/bag

### Organic Red-wing Blend Red Clover

- VNS blend of medium red clover
- Persistence and disease resistance are generally less than Cardinal
- Seed supply is organic



**Brian Koenigskecht**  
Fowler, MI

BRH customer since the company's founding  
Former NC+ Organics customer

### Organic Grazing and Pasture Mix

- Contains about 35% festulolium, 30% orchardgrass, 25% perennial ryegrass, 5% white clover, and 5% red clover.
- Packaged 25 lbs/bag

# Management

## Calculating soybean needs

| Seeds/Acre           | 160,000      | 180,000      | 200,000      |
|----------------------|--------------|--------------|--------------|
| Seeds/foot (30" row) | 9.2          | 10.3         | 11.5         |
| Seeds/foot (36" row) | 11.0         | 12.4         | 13.8         |
| Seeds/foot (38" row) | 11.6         | 13.1         | 14.5         |
| <b>Seeds/lb</b>      | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> |
| lbs/Acre             | 80.0         | 90.0         | 100.0        |
| Bags/Acre            | 1.60         | 1.80         | 2.00         |
| <b>Seeds/lb</b>      | <b>2,300</b> | <b>2,300</b> | <b>2,300</b> |
| lbs/Acre             | 69.6         | 78.3         | 87.0         |
| Bags/Acre            | 1.39         | 1.57         | 1.74         |
| <b>Seeds/lb</b>      | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> |
| lbs/Acre             | 64.0         | 72.0         | 80.0         |
| Bags/Acre            | 1.28         | 1.44         | 1.60         |
| <b>Seeds/lb</b>      | <b>2,700</b> | <b>2,700</b> | <b>2,700</b> |
| lbs/Acre             | 59.3         | 66.7         | 74.1         |
| Bags/Acre            | 1.19         | 1.33         | 1.48         |
| <b>Seeds/lb</b>      | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> |
| lbs/Acre             | 53.3         | 60.0         | 66.7         |
| Bags/Acre            | 1.07         | 1.20         | 1.33         |

## Corn

| Row Width in Inches | Feet | Inches |
|---------------------|------|--------|
| 8                   | 65   | 4      |
| 15                  | 34   | 10     |
| 20                  | 26   | 2      |
| 30                  | 17   | 5      |
| 36                  | 14   | 6      |
| 38                  | 13   | 9      |

Length of single row to equal  
1/1000th of an acre

| Inches Between Each Corn Kernel |         |         |         |   |
|---------------------------------|---------|---------|---------|---|
| Seeds/Acre (Planted)            | 30" Row | 36" Row | 38" Row | Final Population Allowing<br>15% Stand Loss |
| 15,000                          | 14.0    | 11.6    | 11.0    | 12,750                                      |
| 18,000                          | 11.7    | 9.7     | 9.2     | 15,300                                      |
| 21,000                          | 9.9     | 8.3     | 7.8     | 17,850                                      |
| 24,000                          | 8.7     | 7.2     | 6.9     | 20,400                                      |
| 28,000                          | 7.5     | 6.2     | 5.9     | 23,800                                      |
| 30,000                          | 7.0     | 5.8     | 5.5     | 25,500                                      |
| 32,000                          | 6.6     | 5.4     | 5.2     | 27,200                                      |

# Alfalfa

| Expected Moisture                                      | Lbs of Seed/Acres | Acres Planted/50 lb Bag |
|--|-------------------|-------------------------|
| Limited Irrigation or Favorable Dryland Direct Seeding | 15 – 18           | 3.3 – 2.8               |
| With Companion Crop                                    | 12 – 15           | 4.2 – 3.3               |
| Full Irrigation  | 18 – 20           | 2.8 – 2.5               |
| Dryland  | 10 – 12           | 5.0 – 4.2               |

Alfalfa stands should be re-evaluated each year to measure deterioration. The grower may wish to make new seedlings when stands are less than the levels shown below.

| Stand Age               | Plants/Square Foot |
|-------------------------|--------------------|
| Seeding Year            | 20 – 30            |
| Second Year             | 12 – 20            |
| Third Year              | 8 – 12             |
| Fourth/Subsequent Years | 6 – 8              |

# Sudangrass

| Seeding Rates for Sudangrass Forage |                |                          |                            |
|-------------------------------------|----------------|--------------------------|----------------------------|
| Row Width                           | Intended Use   | Dryland lbs of Seed/Acre | Irrigated lbs of Seed/Acre |
| 32"-40"                             | Grazing        | 4 – 5                    | 8 – 10                     |
| 20"- 30"                            | Grazing        | 6 – 8                    | 10 – 12                    |
| Drilled                             | Grazing        | 8 – 10                   | 15 – 18                    |
| Drilled                             | Hay            | 15 – 30                  | 20 – 35                    |
| Broadcast                           | Hay or Grazing | 20 – 35                  | 30 – 40                    |



# Red Clover

| Red Clover Seeding Rate      | lbs/Acre |
|------------------------------|----------|
| Pasture or Forage Blend      | 4 – 6    |
| Inter-seed with Small Grains | 4 – 8    |
| Pure Red Clover Stand        | 12 – 15  |

## Plan your seed needs

The chart below can be used to plan your seed needs, and to record how the hybrid or variety performed.

| Field | Hybrid/Variety | Lot | PP/A | Bags | Date Planted | Harvest Date | Moist % | Yield | Other |
|-------|----------------|-----|------|------|--------------|--------------|---------|-------|-------|
|       |                |     |      |      |              |              |         |       |       |
|       |                |     |      |      |              |              |         |       |       |
|       |                |     |      |      |              |              |         |       |       |
|       |                |     |      |      |              |              |         |       |       |
|       |                |     |      |      |              |              |         |       |       |



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PRSR STD  
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## Early Order Customer Discounts **2009-2010**

**Excellent Early Order Discounts**

| Products                  | Order from Sept 1 to Sept 30, 2009 | Order from Oct 1 to Nov 30, 2009 |
|---------------------------|------------------------------------|----------------------------------|
| Corn, Red Clover, Alfalfa | \$ 5.00 less per bag               | \$ 2.00 less per bag             |
| Soybeans, Sorghum         | \$ 1.00 less per bag               | \$ 0.50 less per bag             |

## Early Payment Customer Discounts **2009-2010**

| Date Cash to be Post-marked by      | Cash Discount % |
|-------------------------------------|-----------------|
| September 1 to September 30, 2009   | 10%             |
| October 1 to October 31, 2009       | 9%              |
| November 1 to November 30, 2009     | 8%              |
| December 1 to December 31, 2009     | 7%              |
| January 1, 2010 to January 31, 2010 | 6%              |
| February 1 to February 28, 2010     | 5%              |
| March 1 to March 31, 2010           | 4%              |
| April 1 to April 30, 2010           | 3%              |
| May 1 to May 31, 2010               | 1%              |

### STATEMENT ABOUT ORGANIC AND NON-GMO PRODUCTS

Blue River Hybrids offers only seed developed by traditional breeding methods to organic farmers in North America. All varieties and hybrids are non-GMO to the highest level possible. Blue River Hybrids uses numerous safeguards during seed production and conditioning to eliminate and reduce the adventitious GMO presence.

Blue River Hybrids seeks first to produce and sell organic seed that is grown on land certified organic, and uses organically approved methods and inputs. This seed has been conditioned and then bagged at organically certified facilities. A very high percentage of Blue River Hybrids' seed meets these criteria.

However, in limited cases organic growers and conditioning facilities were not available. In these circumstances, Blue River Hybrids will offer conventionally produced, non-GMO seed in order for its customers to receive high quality seed.