

Epix Seed

Wheat & Barley

2023 PRODUCT GUIDE

2nd Edition - April 2023



EPIC SEED *a division of Delcarm, LLC*
1482 Levels Road, Middletown, DE 19709, Office 610-345-9001



FROM THE GROUND UP.

- ✓ Top Genetics
- ✓ On Farm Testing
- ✓ University Testing
- ✓ Local Production
- ✓ Local Availability
- ✓ Quality Control
- ✓ Sensible Packaging and Pricing
- ✓ We know local soils and growing conditions

Epix
Seed 



"We can grow good wheat and make good bread only if we understand that we do not live by bread alone." ~Wendell Berry

WHO ARE WE?

EPIX SEED is a division of Delcarm, LLC. We sell only seed varieties sourced from the most respected grain breeders in the United States, private breeders as well as Universities. All our wheat varieties have been extensively screened for all diseases prevalent in our soils and climate.

Our wheat and barley is locally grown and processed in strict compliance with all State and USDA quality standards.

Our research focuses on “On Farm Trials”, along with independent replicated trials and University testing.

We also offer top performing seed treatments so you can rest assured your investment in Epix wheat and barley is protected for a great start.

We know double cropping and no-till management. Varieties that mature early and harvest easy means you get your soybeans planted early. We believe in sensible pricing and packaging. Whatever your wheat cropping system requires: early maturity, full season, tall, short, bearded or not, EPIX has it! WITH YIELD!!



“Agriculture is our wisest pursuit, because it will in the end contribute most to real wealth, good morals, and happiness”

~Thomas Jefferson



NEW!

EPIX 1375



VARIETY CHARACTERISTICS

Maturity: VERY EARLY

Height: MEDIUM

Head Type: SMOOTH

Test Weight: VERY HEAVY

Tillering: STRONG

Lodging: VERY GOOD

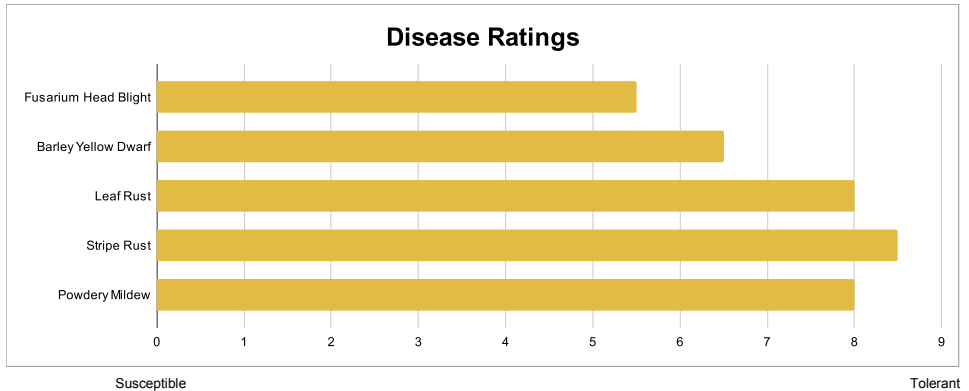
Winterhardiness: GOOD

MANAGEMENT

You should plant EPIX 1375 because:

- This is a VERY early wheat
- This is a HIGH management wheat
- Your investment in input costs will pay BIG returns
- Smooth Head for straw markets
- Dries down fast, thrashes clean
- Get your beans in the ground EARLY

All EPIX wheat varieties are protected by US patents.



“Now let my Lord send his servants the wheat and barley and the olive oil and wine he promised” ~ 2 Chronicles 2:15

NEW!

EPIX 1365



VARIETY CHARACTERISTICS

***Fhb1 Gene:** YES

Maturity: EARLY

Height: MEDIUM

Head Type: BEARDED

Test Weight: HEAVY

Tillering: VERY GOOD

Lodging: VERY GOOD

Winterhardiness: EXCELLENT

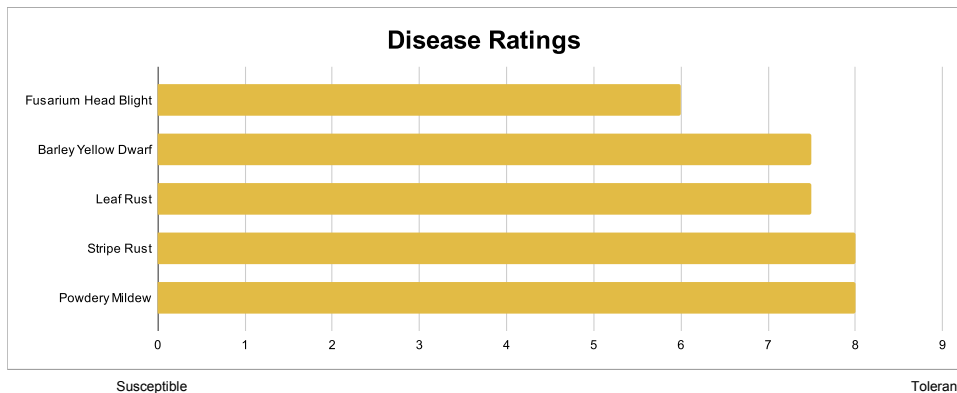
MANAGEMENT

You should plant EPIX 1365 because:

- This is an early wheat 3-4 days later heading than EPIX 1375
- Early fall emergence and growth
- Prolific aggressive tillering
- Fhb1 Gene for head scab defense
- Strong field tolerance to rust diseases
- Excellent winterhardiness

*Fhb1 gene does not stop the head from getting scab, but it does prevent the scab from spreading throughout the head.

Disease Ratings



NEW!

EPIX 2356



VARIETY CHARACTERISTICS

Maturity: MEDIUM

Height: MEDIUM TALL

Head Type: BEARDED

Test Weight: VERY GOOD

Tillering: VERY GOOD

Lodging: VERY GOOD

Winterhardiness: EXCELLENT

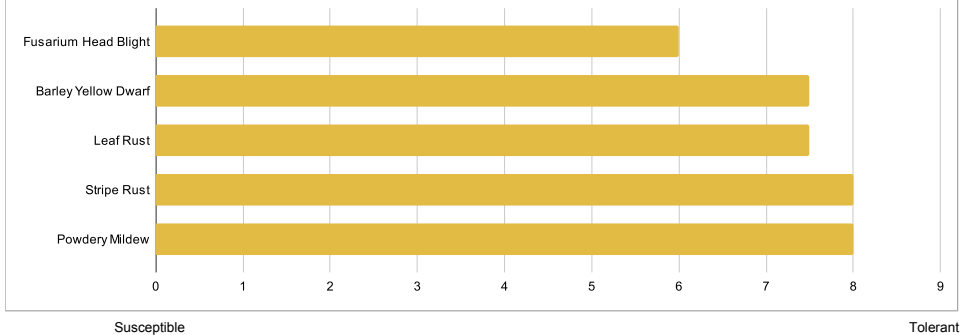
MANAGEMENT

You should plant EPIX 2356 because:

- Good field tolerance to head scab
- Plant with EPIX 4372 to spread your risks
- Excellent tolerance to Barley Yellow Dwarf
- Medium early with excellent spring emergence
- Medium tall with very good straw strength
- Stands up to winter weather
- Plant at 2.0 to 2.5 million seeds per acre

All EPIX wheat varieties are protected by US patents.

Disease Ratings



NEW!

EPIX 2392



VARIETY CHARACTERISTICS

***Fhb1 Gene:** YES

Maturity: MEDIUM EARLY

Height: MEDIUM TALL

Head Type: BEARDED

Test Weight: VERY HEAVY

Tillering: VERY STRONG

Lodging: EXCELLENT

Winterhardiness: EXCELLENT

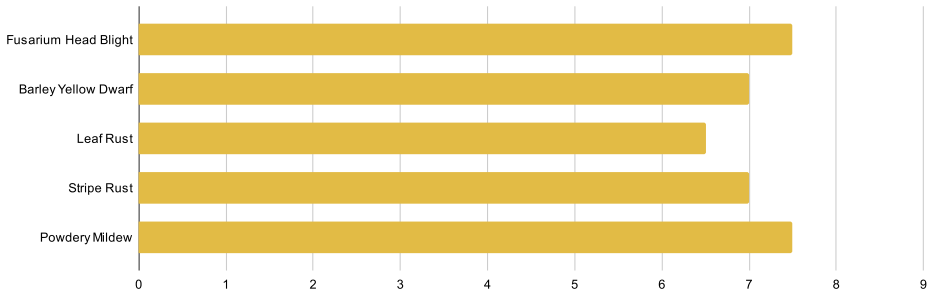
MANAGEMENT

You should plant EPIX 2392 because:

- Vigorous fall growth
- Aggressive early spring growth
- Dries down fast = earlier planting Soybeans
- Fhb1 Gene for Head Scab defense
- Plant 2.0 to 2.25 million seeds per acre
- Strong plant and straw for maximum Nitrogen utilization

*Fhb1 gene does not stop the head from getting scab, but it does prevent the scab from spreading throughout the head.

Disease Ratings



Susceptible

Tolerant

"If I am worth anything later, I am worth something now. For wheat is wheat, even if people think it is a grass in the beginning."

~ Vincent Van Gogh

NEW!

EPIX 4372



VARIETY CHARACTERISTICS

***Fhb1 Gene:** YES

Maturity: MEDIUM LATE

Height: MEDIUM

Head Type: BEARDED

Test Weight: VERY HEAVY

Tillering: VERY STRONG

Straw Strength: VERY GOOD

*Fhb1 gene does not stop the head from getting scab, but it does prevent the scab from spreading throughout the head.

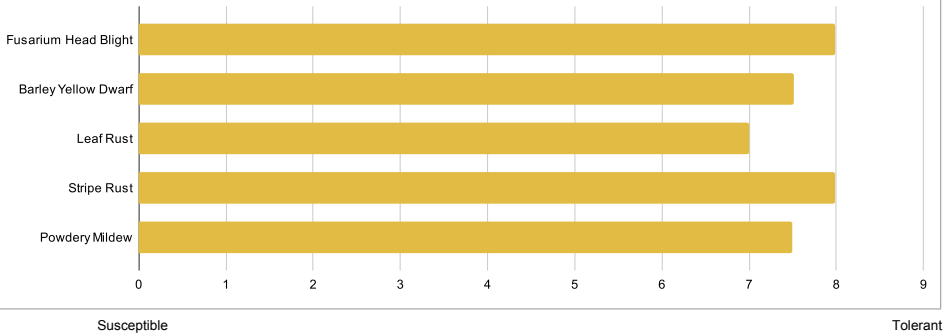
MANAGEMENT

You should plant EPIX 4372 because:

- Double crop winner
- Extreme high end yield potential
- Strong tolerance to major diseases
- Fhb1 Gene for scab defense
- Handles high rates of nitrogen very well
- Strong straw for higher fertility and populations
- Strong winter hardiness

All EPIX wheat varieties are protected by US patents.

Disease Ratings



*“The time will come that gold will hold
no comparison in value to a bushel of wheat.”*

~ Brigham Young

WHEAT *Characteristics*

Epix Seed	BEARDED	TEST WEIGHT	MATURITY	HEIGHT	LODGING	WINTER HARDNESS	Fhb1 GENE
EPIX 1375	NO	8	VEA	M	7	8	NO
EPIX 1365	YES	7	EA	M	7.5	8	YES
EPIX 2356	YES	7	M-EA	M-T	7	8	NO
EPIX 2392	YES	8	M-EA	M-T	7	7.5	YES
EPIX 4372	YES	7.5	M-L	M	8	8	YES

WHEAT *Disease Rating*

Epix Seed	STRIPE RUST	LEAF RUST	POWDERY MILDEW	HESSIAN FLY	BARLEY YELLOW DWARF	FUSARIUM HEAD BLIGHT	S.B.W.M.V.
EPIX 1375	8.5	8	8	MR	6.5	5.5	NR
EPIX 1365	8	8	8	SU	7	7	6
EPIX 2356	8	7.5	8	SU	7.5	6	6
EPIX 2392	7	6.5	7.5	MR	7	7.5	8
EPIX 4372	8	7	7.5	MR	7.5	8	8

EA Early EX Excellent F Fair G Good M Moderate or Medium NR No Rating Available R Resistant
 SH Short SU Susceptible T Tall V Very S.B.W.M.V. Soil Born Wheat Mosaic Virus
 Numeric Scale: 1 = Susceptible/Poor 9 = Tolerant/Excellent

Check seed tag for seeds per pound.

Epix recommends all varieties be planted at 2,000,000 to 2,250,000 per acre.



BARLEY *Varieties*



NEW

VT BEAHM



VARIETY CHARACTERISTICS

Maturity: MODERATELY EARLY

Height: TALL

Head Type: SMOOTH

Test Weight: GOOD

MANAGEMENT

A moderately early, tall, beardless, six row winter barley. Forage tonnage, crude protein, NDF Grain yield superior to Nomini. Good moderate resistance to prevalent diseases.

NOMINI



VARIETY CHARACTERISTICS

Maturity: MODERATELY EARLY

Height: MEDIUM TALL

Head Type: SMOOTH

Test Weight: FAIR

MANAGEMENT

An early maturing, medium tall, six-row, smooth head, winter feed barley. Nomini has good winter hardiness with resistance to mildew, scab, and barley yellow dwarf. Nomini is moderately susceptible to the prevalent leaf rust races.

SECRETARIAT



VARIETY CHARACTERISTICS

Maturity: EARLY

Height: SHORT

Head Type: BEARDED

Test Weight: EXCELLENT

MANAGEMENT

A high-yield, high test weight, early heading, short bearded, short stature, six row winter barley having good winter hardiness. The spikes are upright with short beards. Grain quality of Secretariat is superior. It exhibits good resistant to all of the prevalent barley diseases except it is susceptible to Fusarium Head Blight.



	BEARDED	TEST WEIGHT	MATURITY	FORAGE QUALITY	HEIGHT	STRAW STRENGTH	LEAF RUST	POWDER MILDEW	NET BLOTCH	BARLEY YELLOW DWARF	FUSARIUM HEAD BLIGHT
VT BEAHM	NO	G	M-EA	EX	T	EX	M-R	M-R	M-R	R	M-R
NOMINI	NO	F	M-EA	G	M-T	G	M-R	M-R	R	R	M-SU
SECRETARIAT	YES	EX	EA	M	M	M	R	R	M-R	R	SU

EA Early EX Excellent F Fair G Good M Moderate or Medium R Resistant SH Short SU Susceptible T Tall



**EVERY
SEED
COUNTS.**

ALL EPIX WHEAT AND BARLEY IS PROTECTED WITH

 **Vibrance Extreme**

- ✓ Longer-lasting, broad-spectrum performance, better yields under stress.
- ✓ Offers “Halo of Protection” around the seed and root system.
- ✓ Boosts rooting power thru disease protection.
- ✓ Protects seed to stimulate quality root systems.
- ✓ Encourages better emergence, stand establishment, nutrient uptakes.

 **CruiserMaxx® Vibrance®**
Cereals

IS AVAILABLE AS AN ADDITIONAL WHEAT TREATMENT OPTION

- ✓ Combines best-in-class Rhizoctonia activity with industry-leading insect and broad-spectrum disease protection.
- ✓ Boosts rooting power through longer-lasting disease protection that leads to more powerful roots and improved crop performance.
- ✓ Contains Sedaxane, the first fungicide active ingredient from Syngenta developed specifically as a seed treatment.

We proudly use **syngenta** seed treatment products

ON FARM
TESTIMONIALS
COMING AT HARVEST





FARMER SAVED SEED



WHAT IS LEGAL AND WHAT IS NOT

PATENT LAW AND THE PLANT VARIETY PROTECTION ACT

Most wheat, barley and triticale seed is protected by either U.S. Patent Law or the Plant Variety Protection Act (PVPA). This protection severely limits the age old practice of “farmer saved seed” or does not allow it entirely depending upon the protection the owner of the variety secures.

U.S. PATENT LAW

Most wheat seed sold is protected under U.S. Patent Law. **PATENT LAW DOES NOT ALLOW FOR SAVED SEED FOR PLANTING PURPOSES, NO EXCEPTIONS!** Review the seed tag to determine if the variety or brand is patent protected the seed tag should read: “U.S. Patent Protected Variety”.

U.S. PLANT VARIETY PROTECTION ACT (PVPA)

PVPA gives patent protection to owners or breeders of a variety, with one major exception to patent law. **PVPA ALLOWS FARMERS WHO PURCHASED PVPA PROTECTED SEED TO SAVE SEED FOR PLANTING PURPOSES ON THEIR OWN HOLDINGS. NO SALE, TRANSFER, TRADING ETC OF SEED IS ALLOWED.** Review the seed tag to determine if the variety (or brand) is protected. The seed tag should read: “U.S. Plant Protected Variety – Unauthorized Propagation Prohibited”. It is estimated that less than 25% of the wheat varieties (or brands) sold are protected under PVPA.

“VARIETY NOT STATED”

It is illegal to label Patented or PVPS protected seed as “Variety Not Stated”, regardless of its intended use.

NEW TECHNOLOGY

Seed companies have invested heavily to bring new technology to the marketplace. Without patent and plant variety protection, seed companies would not be able to recoup their investments and be able to continue to bring new technology to the marketplace.

“If you could understand a single grain of wheat you would die of wonder.”

~Martin Luther



**BEHOLD
THE
POWER
OF SEED.**

Epix
Seed

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