

NOTES



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WHEAT, BARLEY & FORAGE SEED PRODUCT SELECTION GUIDE



SMALL GRAINS GROWN AND PROCESSED BY:

EDDIE MERCER AGRI-SERVICES, INC.
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2016 Mercer Brand MBX **WHEAT VARIETIES**



NOTES

NEW

Mercer Brand MBX 16-B-203

Is a high yielding variety that carries the **Fhb1** gene for scab tolerance*. Excellent performance under different environments and realizes full genetic potential in a high management environment. Keep an eye out for powdery mildew and stripe rust. The winning combination of top-end yield and scab tolerance.

Mercer Brand MBX 15-E-229

Early maturing bearded variety. New genetics. Strong scab, leaf rust and powdery mildew tolerance. Top yields in all soil types. Good test weight. Bright straw.

Mercer Brand MBX 14-S-210

Excellent straw holds a big yield! Bearded. Good test weight. Top yields in broad area of soil types and growing conditions. Plant early.

Mercer Brand MBX 14-K-297

Excellent disease resistance. Good test weight. Top yields in broad area of soil types and growing conditions. Plant early.

Mercer Brand MBX 11-V-258

Top yielding genetics licensed from VPI. Smooth. Early and tall with powdery mildew and rust resistance. Good test weight and straw strength.

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

SEED TREATMENTS



QUICKROOTS

- Improves nutrient uptake, including nitrogen, phosphate and potassium.
- Expanded root volume.
- Performance in a variety of soil conditions and types.
- Maximize yield potential.

Available on limited varietal basis



TAKE OFF® ST

- Enhanced early growth.
- Accelerates emergence and stand establishment.
- Improved tillering.
- Improved nitrogen utilization.
- Increased plant biomass for better yield.
- Better root development.
- Improved carbon sequestration.
- Greater yield potential.

Available on limited varietal basis



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



- Aids in control and suppression of diseases in seed and seedling.
- Strengthens the seedling under stressful planting and early season growing conditions.
- Protection of seed against economically important diseases affecting wheat, barley and oats.

2016 AgriPro® WHEAT VARIETIES

AgriPro SY 547

Medium early, strong straw. Top yields. Smooth head. Widely adapted to all soil types. Excellent disease tolerance to scab and powdery mildew. High management = high returns.

Top yield performance in local and state trials.

AgriPro SY 474

Excellent yield and standability under intense management strategies. Smooth head. Very good leaf disease tolerance package. Above average milling and baking characteristics.

AgriPro SY 007

Very good winter survival and Rhizoctonia tolerance. Bearded head. Very good tolerance to soil virus and spindle streak. Medium-early and fast dry down allows earlier double crop soybean planting.

AgriPro SY 483

Excellent yield potential under intense management strategies. Smooth head. Very good winter survival and Rhizoctonia tolerance. Very good soil virus and stripe rust tolerance.

AgriPro Branson







Broad adaptation equals better yields in more environments. Smooth head. Low residue aids in double-crop soybean establishment. Medium-early maturity. Very good stand ability.

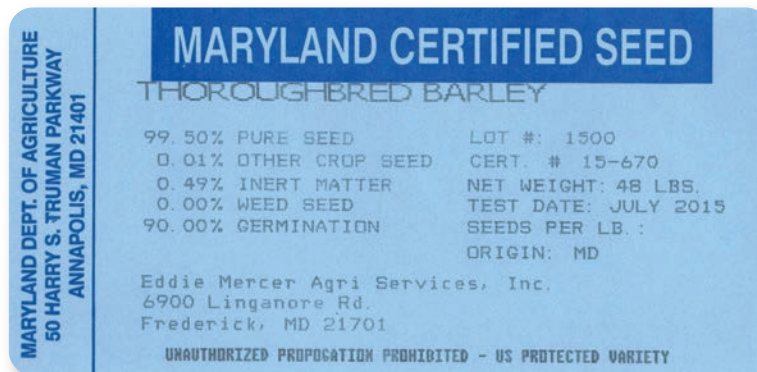
AgriPro W1566

Tall, strong straw and excellent forage production. Smooth head. Very good winter survival and Rhizoctonia root rot tolerance.

All of our seed wheat is protected with **Vibrance™ Extreme**

CHARACTERISTICS

	BEARDED	TEST WT.	MATURITY	HEIGHT	STRAW STRENGTH	PLANTING RATE
MERCER BRAND MBX VARIETIES						
 Mercer Brand MBX 16-B-203	YES	VG	M	M	2	M
 Mercer Brand MBX 15-E-229	YES	G	M-EA	M	3	M
 Mercer Brand MBX 14-S-210	YES	VG	M	M	2	M
 Mercer Brand MBX 14-K-297	NO	G	M-L	M	3	M
 Mercer Brand MBX 11-V-258	NO	G	M-EA	M-T	3	H
Agri-Pro SY VARIETIES						
AgriPro SY 474	NO	G	M	M	2	M
AgriPro SY 547	NO	G	M-EA	M	3	M
AgriPro SY 007	YES	G	M-EA	M	3	M
AgriPro SY 483	NO	G	M	M	2	M
AgriPro Branson	NO	G-VG	M-EA	M-SH	3	H
AgriPro W1566	NO	G	M	M-T	3	L
NEW VARIETY						
RATING KEY:	EX = EXCELLENT		F = FAIR			
NUMERIC SCALE:	EA= EARLY			G = GOOD		
1 = GOOD	V = VERY			SH = SHORT		
9 = POOR	M= MODERATE OR MEDIUM					
	SU= SUSCEPTIBLE				T=TALL	
	R = RESISTANT					
	NR = NO RATING AVAILABLE					
RECOMMENDED SEEDING RATE SUBJECT TO FERTILITY AND MANAGEMENT PRACTICES						
SEEDS PER ACRE	L = 1,500,000 TO 1,650,000					
	M = 1,650,000 TO 1,800,000					
	H = 1,800,000 TO 2,000,000					



LOOK FOR THE **BLUE TAG**
YOU CAN COUNT ON 100%:

- Premium Quality Seed
- Varietal Assurance

RESEARCH

Eddie Mercer Agri-Services, Inc. conducts extensive “on-the farm” wheat variety performance trials throughout the Mid-Atlantic. In addition, all wheat varieties are evaluated in the Maryland, Virginia, Pennsylvania and Delaware State Trials. Go to our website www.eddiemerceragri-services.com for results after harvest.



*It is a violation of the Federal Plant Variety Protection Act to offer, expose or sell through a third party any seed designated as PVP. It is a violation of U.S. Patent Laws to save or offer for sale a patented variety. This information is found on the seed tag label or container.



2016 TRITICALE VARIETIES

Mercer Brand Arcia Triticale

Excellent adoption to southern and northern growing environments. Early maturing, rapid spring growth. Medium-tall top forage tonnage. Above average disease tolerance. Top forage quality for greenchop and silage. Plant heavy 150+ pounds per acre. Takes manure well. Starts spring growth early. Winter survival +.

ThunderCale® Brand Triticale

High yields of high protein forage for greenchop or silage. Broad harvest window. Matures later than Arcia. Plant 150 pounds per acre.







DID YOU KNOW?

Triticale was first mentioned in Scottish Botanist's journals as early as 1875. It is one of the first crops to be cross pollinated long before the concept of "hybrid" entered the seed world. Taking advantage of wheat's disease resistance and ryes rapid growth triticale forage quality is superior to either of its parents. Triticale as a feed grain is equal to wheat and barley.



WHEAT VARIETIES

DISEASE RATINGS

	STRIPE RUST	POWDERY MILDEW	Leaf & Gloom Blotch	S. B. W. M. V.	HESSIAN FLY	Barley Yellow Dwarf	HEAD SCAB	W. S. S. M. V.	LEAF RUST
MERCER BRAND MBX VARIETIES									
 Mercer Brand MBX 16-B-203	7	5	NR	3	SU	3	2	2	NR
 Mercer Brand MBX 15-E-229	6	2	4	2	M-R	NR	2	3	SU
 Mercer Brand MBX 14-S-210	5	3	4	2	MR	3	4	4	NR
 Mercer Brand MBX 14-K-297	3	4	3	3	SU	3	5	4	NR
 Mercer Brand MBX 11-V-258	7	3	5	4	M-R	4	3	5	NR
Agri-Pro SY VARIETIES									
AgriPro SY 474	2	3	4	3	SU	3	4	5	NR
AgriPro SY 547	3	3	4	2	M-SU	5	3	3	SU
AgriPro SY 007	2	3	5	4	MR	5	3	4	NR
AgriPro SY 483	4	5	6	5	M-SU	3	4	NR	NR
AgriPro Branson	2	3	5	5	M-R	4	4	5	NR
AgriPro W1566	3	3	5	6	SU	5	6	3	NR
NEW VARIETY									
RATING KEY:	EX = EXCELLENT		F=FAIR		SU= SUSCEPTIBLE			T=TALL	
NUMERIC SCALE:	EA= EARLY	G= GOOD				M= MODERATE OR MEDIUM			
1= GOOD	V = VERY	SH= SHORT				R=RESISTANT			
9= POOR	NR = NO RATING AVAILABLE								
ABBREVIATION EXPLANATION:	S.B.W.M.V. = SOIL BORNE WHEAT MOSAIC VIRUS								
	W.S.S.M.V. = WHEAT SPINDLE STREAK VIRUS								





2016 BARLEY VARIETIES



NEW

Secretariat

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

Thoroughbred

Is a high yielding, full season, bearded, variety having very good straw strength, high test weight and bright plump seed. It is 3 - 4 inches shorter and straw strength similar to Nomini. Thoroughbred is susceptible to powdery mildew and requires top management for top yields. It is moderately susceptible to leaf rust and net blotch.

Nomini

Is an early maturing, medium tall, six-row, smooth head, winter feed barley with compact spikes. Nomini has good winter hardiness with field resistance to mildew, scald, net blotch, spot blotch, and barley yellow dwarf. Nomini is moderately susceptible to the prevalent leaf rust races

Atlantic

Is a high-yielding, moderately early heading, short stature variety having high test weight and good winter hardiness. Average plant height is 33". Atlantic is resistant to powdery mildew and moderately resistant to leaf rust. Atlantic yields grain of superior quality.


All of our seed barley is protected with



2016 Eddie Mercer Agri-Services
BARLEY VARIETIES



CHARACTERISTICS & DISEASE RATINGS

	AWNED	RELATIVE AWN LENGTH	TEST WEIGHT	MATURITY	HEIGHT	STRAW STRENGTH	LEAF RUST	POWDER MILDEW	NET BLOTCH	LEAF GLOOM BLOT	BARLEY YELLOW DWARF	HEAD SCAB
SECRETARIAT	YES	SH	EX	EA	M	M	R	R	M	NR	R	SU
NOMINI	NO	NA	F	EA	T	G	M	M	R	NR	R	M
THOROUGHBRED	YES	L	EX	L	M	G	SU	SU	M	NR	M	SU
ATLANTIC	YES	M	EX	EA	M	M	M	R	M	NR	R	M
NEW VARIETY												
RATING KEY:	EX = EXCELLENT			F = FAIR			M = MODERATE OR MEDIUM					
	EA = EARLY			G = GOOD			T = TALL		SU = SUSCEPTIBLE			
	L = LONG			SH = SHORT			R = RESISTANT			V = VERY		
	NR = NO RATING AVAILABLE						NA = NOT APPLICABLE TO KEY					

