

NOTES



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Eddie Mercer Agri-Services, Inc.

WHEAT, BARLEY & FORAGE SEED

2018 PRODUCT SELECTION GUIDE



SMALL GRAINS GROWN AND PROCESSED BY:

EDDIE MERCER AGRI-SERVICES, INC.
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2018 Mercer Brand MBX WHEAT VARIETIES



NEW

Mercer Brand MBX 18-A-237

This is a VERY early variety with heavy test weight. Excellent foliar disease tolerance including barley yellow dwarf and powdery mildew. Management strategy must include Fusarium. A bearded variety with excellent tillering and very strong straw. Plant heavy at 1.8 to 2.0 million seeds per acre.

NEW

Mercer Brand MBX 18-C-256

Full season variety with excellent yield and good FHB tolerance. Good tolerance to soil virus and Hessian fly. Very strong tolerance to powdery mildew and stripe rust. Smooth head. Plant early. Plant at 1.65 to 1.8 million seeds per acre.

Mercer Brand MBX 17-M-245

This is a HIGH management wheat. An excellent choice for double crop. Early maturing with superior tolerance to stripe rust. Excellent overall agronomics, strong upright straw, beardless. Good head scab tolerance. Your investment in crop inputs will yield BIG returns. Averaged 105.8 Bu. in 6 Mercer plots in 2017.

Mercer Brand MBX 17-P-275

A superior combination of yield and agronomics. Beardless, early maturing with good resistance to stripe rust make this MBX variety a winner. Add excellent leaf and plant health and type I and type II scab tolerance to the list. Note: Plant this variety early as it thrives under a long Fall.

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. Averaged 106.0 Bu. in 6 Mercer plots in 2017. The winning combination of top-end yield and scab tolerance.

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.

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

ALL OF THESE VARIETIES ARE "U.S. PATENTED PROTECTED VARIETIES" NO SAVED SEED.

NOTES

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.



SEED TREATMENTS



- 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.



- 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.



- 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 barley.

2018 AgriPro® WHEAT VARIETIES

AgriPro SY 100

This is HIGH management wheat. Above average head scab, powdery mildew and stripe rust resistance. Superior grain quality and test weight. Smooth headed, upright strong straw. Excellent winter survival.

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. Averaged 102.3 Bu.in 12 Mercer plots in 2016.

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.

PUBLIC WHEAT VARIETY

Hilliard

Released by Va. Tech, Hilliard is bearded with high yield potential and excellent straw strength. This variety has resistance to powdery mildew, barley yellow dwarf and leaf rust. Straw is medium height. Hilliard is late maturing.

ALL ARE PVP VARIETIES: SAVE SEED ONLY FOR GROWERS USE. NO SALES!

Our wheat is protected with










or



at your option

CHARACTERISTICS

	BEARDED	TEST WT.	MATURITY	HEIGHT	STRAW STRENGTH	PLANTING RATE
MERCER BRAND MBX VARIETIES						
 Mercer Brand MBX 18-A-237	YES	EX	V-EA	M	2	H
 Mercer Brand MBX 18-C-256	NO	VG	ML	M	5	M
 Mercer Brand MBX 17-M-245	NO	VG	EA	SH	1	M
 Mercer Brand MBX 17-P-275	NO	G	EA	MS	2	H
 Mercer Brand MBX 16-B-203	YES	VG	M	M	1	H
 Mercer Brand MBX 14-S-210	YES	G	M	M	3	M
Agr-Pro SY VARIETIES						
AgriPro SY 100	NO	VG	M	SH	3	M
AgriPro SY 547	NO	G	M-EA	M	3	M
AgriPro SY 007	YES	VG	M-EA	M	3	M
AgriPro SY 483	NO	G	M	M	2	M
Public VARIETY						
HILLIARD	YES	G	L	MT	2	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			L=LATE		
	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					

FARMER SAVED SEED

WHAT IS LEGAL -- 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.



Mercer Brand 2018 TRITICALE VARIETY

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 +.

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.








AVAILABLE NOW!

Mercer Brand 2018 COVER CROP WHEAT COVER CROP RYE



WHEAT VARIETIES

DISEASE RATINGS

	STRIPE RUST	LEAF RUST	POWDER MILDEW	LEAF GLOOM BLOT	S. B. W. M. V.	HESSIAN FLY	BARLEY YELL. DRF	HEAD SCAB	W. S. S. M. V.
MERCER BRAND MBX VARIETIES									
 Mercer Brand MBX 18-A-237	2	1	2	3	3	SU	2	7	NR
 Mercer Brand MBX 18-C-256	2	3	1	2	NR	MS	3	2	NR
 Mercer Brand MBX 17-M-245	1	3	2	3	4	MS	3	2	NR
 Mercer Brand MBX 17-P-275	2	2	3	2	2	S	2	2	NR
 Mercer Brand MBX 16-B-203	7	3	4	NR	3	S	6	2	2
 Mercer Brand MBX 14-S-210	4	4	4	4	NR	MR	3	3	4
Agr-Pro SY VARIETIES									
AgriPro SY 100	2	6	3	3	3	M-SU	3	3	3
AgriPro SY 547	3	4	2	4	2	M-SU	5	3	3
AgriPro SY 007	2	6	3	5	4	MR	5	3	4
AgriPro SY 483	4	5	5	6	5	M-SU	3	4	3
Public VARIETY									
HILLIARD	3	4	3	3	R	MR	3	4	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				





2018 BARLEY VARIETIES



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 upright 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. 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. 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



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
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					

