



CORN PROCESSOR
CATALOG

2020

 PureLine Seeds, Inc



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A SEASON OF CHANGE

Torey and I are honored to be the new owners of Pure Line Seeds, continuing as a family owned business since 1948. We are grateful to our dedicated team that works diligently to bring prompt, high-quality services. We look for opportunities to expand and improve our products and services for our current and future business with you.

We want to give a special thanks to Bill Pfeil who has led this company to where we are today. We're also grateful for the knowledge that has been passed on by people like Jim Krier and Dick Lowe, who are transitioning away from the business. It is comforting to know that they are only a phone call away.

We look forward to working with your company and seeing you at our trials this summer.

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CORN



1470 XR

1470 XR (YW/ 69d) is an early yellow hybrid that has proven strong yields and recovery for the cut kernel processing market. Good tip fill and ear shape also make 1470 XR an excellent choice for early season.

FEATURES:

- Resistance to Common Rust (RpG)
- Good tip fill and ear shape
- Strong seedling vigor
- Great yields and recovery for processing markets



1972 XR

1972 XR (YW/ 72d) is an early yellow hybrid with improved plant habit and yield compared to other early processing varieties in the market. Good sweetness and kernel recovery make 1972 XR a perfect choice for the early segment.

FEATURES:

- Good seedling vigor
- Consistent yield performance across different environments and conditions
- Resistance to Common Rust (RpG)



XTH1679

XTH1679 (YW/ 75d) has a remarkable disease package and a strong plant. Excellent lodging tolerance and great seedling vigor paired with improved yields make XTH1679 a smart choice for the 2nd early processing segment.

FEATURES:

- Strong plant with terrific lodging tolerance
- Consistent yield performance across environments
- Great disease package: resistance to MDM, rust resistance (RpGI), and moderate resistance to NCLB



XTH1079

XTH1079 (YW/ 76d) is a very good eating-quality hybrid that works well in the 2nd early processing segment. Lodging tolerance and seedling vigor are improvements over other commercial products.

FEATURES:

- Strong plant with terrific lodging tolerance
- Consistent yield performance across environments
- Great disease package: resistance to MDM, rust resistance (RpGI), and moderate resistance to NCLB



1979 MXR

Xtra-Tender™

1979 MXR (YW/ 79d) has a strong plant with great husk coverage. Determinate tip fill and a deep yellow kernel color allow 1979 MXR to perform well in processing markets. 1979 MXR also has a strong disease package with multiple resistances.

FEATURES:

- Resistance to Common Rust (RpGDJ)
- Great ear size and shape, ideal for processing
- Strong plant and tolerance to lodging
- Excellent flavor and sweetness for processing



1980 XR

1980 XR (YW/ 80d) has impressive ear length and good tip fill which contribute to stellar yields. 1980 XR has good eating quality for the fuller season processing segment leading to a higher quality finished product.

FEATURES:

- Resistance to Common Rust (RpGDJ)
- Great ear size and shape, ideal for processing
- Strong plant and tolerance to lodging
- Excellent flavor and sweetness for processing



4182 MXR

Xtra-Tender™

4182 MXR (YW/ 82d) has very good yield and recovery with an outstanding disease package and superb husk protection. A large ear size and deep-kernels, along with a sturdy plant, make 4182 MXR a perfect choice for the processing segment.

FEATURES:

- Moderately resistant to Northern Corn Leaf Blight
- Resistant to Maize Dwarf Mosaic Virus and Common Rust
- Excellent husk protection and seedling vigor



PLATINUM XR

Xtra-Tender™

Platinum XR (WHT/ 80d) has an industry-leading bright white kernel color. This full season hybrid has good husk protection, ear size, and eating quality. Platinum XR is a great choice for processing..

FEATURES:

- Bright white kernel color
- Improved eating quality in the full-season segment
- Good tip fill, ear size, and husk coverage
- Resistant to Common Rust



3879 XR

3879 XR (WHT/ 81d) has a great disease package and strong plant featuring excellent lodging tolerance. Superb yields and good recovery make 3879 XR an excellent choice for the full season processing market.

FEATURES:

- Strong plant with good lodging tolerance
- Excellent yield and recovery
- Great disease package: resistant to common rust (RpGDJ) and moderately resistant to NCLB

CHARACTERISTICS														DISEASE INFORMATION						
Variety	Maturity (Days)	Kernel Color	Plant Height (Inches)	Ear Height (Inches)	Number of Kernel Rows	Ear Length (Inches)	Ear Diameter (Inches)	Husk Color	Flag Leaves	Husk Protection	Shank	Tenderness	Sweetness	GW	PS	NCLB	MDM	HPPD/ALS		
CORN - YELLOW																				
1470 XR	69	YW	70	24	16-18	7.50-8.25	1.75-2.00	4	4	3	3	5	4		RpG	MS		T		
1972 XR	72	YW	77	23	16-20	7.75-8.50	1.90-2.10	4	4	3	3	5	4		RpG	MS		T		
XTH1679	75	YW	70	25	16-18	8.50-9.00	1.80-2.00	4	4	3	4	4	3		RpGI	MR	R	T		
XTH1079	76	YW	70	25	16-18	8.50-9.00	1.80-2.00	4	4	3	4	4	3		RpGI	MR	R	T		
1979 MXR	79	YW	85	31	16-18	7.75-8.25	1.90-2.10	5	5	3	4	4	4		RpGI	MR	R	I		
1980 XR	80	YW	84	25	16-18	8.75-9.50	1.90-2.20	5	4	4	4	5	4		RpGDJ	MS		T		
4182 MXR	82	YW	90	26	16-18	7.00-8.25	1.90-2.10	4	4	2	4	4	4	MS	RpGI	MR	R	T		
CORN - BI-COLOR																				
XTH2480	80	BC	88	25	16-20	8.00-8.50	2.00	5	4	4	3					M				
CORN - WHITE																				
Platinum XR	80	WHT	76	24	16-18	7.50-8.25	1.80-2.00	3	4	3	4	4	3		RpGDJ	MR		T		
3879 XR	81	WHT	81	25	16-20	7.75-8.25	1.90-2.10	4	5	3	5	5	4		RpGDJ	MR		T		

GW=Goss' Wilt (Clavibacter michiganensis subsp. nebraskensis), PS= Common Rust (Puccinia sorghi), NCLB=Northern Corn Leaf Blight (Exserohilum turcicum), MDM=Maize dwarf mosaic (Maize Dwarf Mosaic Virus) also resistant to HPV (High Plains Virus) and SCMV (Sugarcane Mosaic Virus), HPPD/ALS - Indicates reaction to ALS and HPPD inhibiting herbicides. Examples of herbicides with these modes of action are Accent (ALS), Callisto (HPPD), and Laudis (HPPD). Always read and follow herbicide label instructions.

*Data are representative summaries from hybrid evaluation in Champaign, IL and Plover, WI. Ordinal ratings are on a scale of 1 to 9, where 1 indicates the best value.

	Husk Color	Flag Leaves	Husk Protection	Shank	Tenderness	Sweetness
1	Very Dark Green	Exceptional Flag Leaves	Excellent Coverage	Very Compact Shank Length	Exceptional Tenderness; Reserve Quality	Exceptional Sweetness & Flavor
2	Dark Green	Excellent Flag Leaves	Very Good Coverage	Compact Shank Length	Excellent Tenderness; Reserve Quality	Excellent Sweetness & Flavor
3	Medium-Dark Green	Very Good Flag Leaves	Good Coverage	Compact Medium Shank Length	Very Good Tenderness; Xtra-Tender Quality	Very Good Sweetness & Flavor
4	Medium Green	Good Flag Leaves	Adequate Coverage	Medium Shank Length	Good Tenderness; Xtra-Tender Quality	Good Sweetness & Flavor
5	Medium-Light Green	Moderate Flag Leaves	Moderate Coverage	Medium Long Shank Length	Moderate Tenderness; Shipping Quality	Moderate Sweetness & Flavor
6	Light Green	Weak Flag Leaves	Weak Coverage	Long Shank Length	Firm Pericarp; Xtra-Sweet Quality	
7	Very-Light Green			Very Long Shank		

PROUDLY FAMILY OWNED AND OPERATED SINCE 1948



