



# Pioneer® brand HTF Ethanol Hybrids FOR NEBRASKA



Growers looking for more bushels per acre and more ethanol per bushel are turning to Pioneer® brand High Total Fermentable (HTF) ethanol hybrids. Research shows there can be up to a 7 percent variation in ethanol yield potential among different corn hybrids.

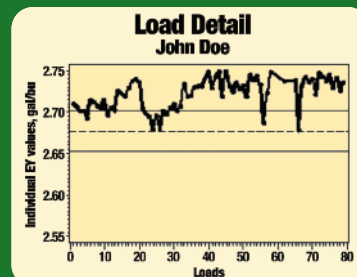
Pioneer brand hybrids with above average ethanol yield potential are designated as High Total Fermentable (HTF) ethanol hybrids. These HTF ethanol hybrids deliver higher levels of fermentable starch, resulting in higher ethanol output.

Ethanol plants now have a tool to help them to track the amount of ethanol produced per bushel of grain. The Pioneer QualiTrak™ system accurately predicts the ethanol yield per load and is the only system that measures and reports ethanol yield potential in gallons per bushel.

Many Pioneer HTF ethanol hybrids contain Herculex® insect protection traits to reduce insect damage to grain and prevent molds and mycotoxins. This helps maximize grain yields and ensure a more consistent supply of high quality grain.

## Pioneer QualiTrak™ System

- Accurate predictor of ethanol yield potential (EYP)
- NIR calibration reports EYP in gallons per bushel
- Processors share grain quality information with growers



## 2008-09 HIGH TOTAL FERMENTABLE (HTF) HYBRIDS

Product	Technology Segment	CRM	Product	Technology Segment	CRM	Product	Technology Segment	CRM
38P43*^	HXX,LL,RR2	95	34N62*	HX1,LL,RR2	107	33B54	YGCB,RR2	113
38A57*	HX1,LL,RR2	97	34F29*^	HXX,LL,RR2	108	33B49	RR2	
38B84	RR2	98	34R65	RR2	109	33R81	YGCB,RR2	114
37Y14^	HXX,LL,RR2	99	34R67	HX1,LL,RR2				
37Y13	HX1,LL,RR2		33R79	LL				
37Y11	RR2		33G58		114			
37K11*	HX1,LL,RR2	99	34A15			33G59*	HX1,LL	
36K69	HX1,LL,RR2	103	34A20^	HXX,LL,RR2	109	33Y74		115
36K66	RR2		34A18^	HXX,LL		33Y76*^	HXX,LL,RR2	
36W69^	HXX,LL,RR2	104	34A16	HX1,LL		33H25		115
36W65	RR2		34A12	HX1,LL		33H29*^	HXX,LL,RR2	
36H54	HX1,LL	105	34H33	LL	110	33H27	HX1,LL,RR2	
36H56^	HXX,LL,RR2		34F07*	HX1,LL,RR2	110	33H26	HX1,LL	
35T08^	HXX,LL,RR2	105	34B99	HX1,LL	110	33D47	RR2	115
35F44*^	HXX,LL,RR2	105	34B94	YGCB,RR2		33D49*	HX1,LL,RR2	
35F40	HX1,LL,RR2		34N42	HX1,LL	111	32T82	RR2	115
35F37	RR2		34F96	HX1,LL,RR2	111	32T85*^	HXX,LL,RR2	
35K04*^	HXX,LL,RR2	106	34F97*^	HXX,LL,RR2		32T84	HX1,LL,RR2	
35K03*	HX1,LL,RR2		34F94*	RR2		32B10		117
35A30		106	33W80*	RR2	111	32B11*	HX1,LL	
35A34^	HXX,LL,RR2		33W84*^	HXX,LL,RR2	111	32B29	YGCB,RR2	118
35A32	HX1,LL,RR2		33P83*^	HXX,LL,RR2	111	31P41		119
35A31	HX1,LL		33Z74*^	HXX,LL,RR2	113	31P44*^	HXX,LL,RR2	
35A29	RR2		33M14	RR2	113	31P42*	HX1,LL,RR2	
			33M16	HX1,LL,RR2		31G71	HX1,LL,RR2	119
		33D14^	HXX,LL,RR2	113	31G70^	HXX,LL,RR2		
		33D13	HX1,LL					

# Technology That Fuels™



\* NEW for 2008



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Technology Segment: **HX1** – Contains Herculex® I Insect Protection trait. **HXX** – Contains both the Herculex® I and Herculex® RW genes. **YGCB** – Contains the YieldGard® Corn Borer gene. **RR2** – Contains the Roundup Ready® Corn 2 trait. **LL** - Contains the LibertyLink® gene.

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