



# Pioneer® brand HTF Ethanol Hybrids FOR IOWA



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.

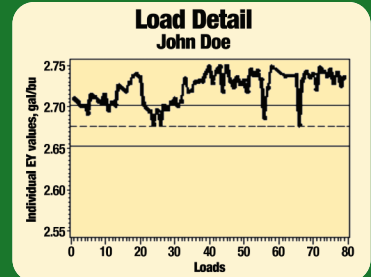
Pioneer brand hybrids with above average ethanol yield potential are designated as High Total Fermentable (HTF) ethanol hybrids. These HTF ethanol hybrids deliver higher levels of fermentable starch, resulting in higher ethanol output.

Ethanol plants now have a tool to help them track the amount of ethanol produced per bushel of grain. The Pioneer QualiTrak<sup>SM</sup> system accurately predicts the ethanol yield per load and is the only system that measures and reports ethanol yield potential (EYP) 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<sup>SM</sup> 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
39D85	HX1,LL,RR2	86
38B85		
38B84	RR2	98
38B87 <sup>^</sup>	HXX,LL,RR2	
37Y12		
37Y11	RR2	99
37Y14 <sup>^</sup>	HXX,LL,RR2	
37Y17	HX1,LL	
37N16 <sup>*^</sup>	HXX,LL,RR2	99
38H72 <sup>^</sup>	HXX,LL,RR2	100
36V75	HX1,LL,RR2	102
36Y86 <sup>^</sup>	HXX,LL,RR2	103
36W66		104
36W69 <sup>^</sup>	HXX,LL,RR2	
36H54	HX1,LL	105
36H56 <sup>^</sup>	HXX,LL,RR2	
35F38		
35F37	RR2	105
35F40	HX1,LL,RR2	
35F44 <sup>*^</sup>	HXX,LL,RR2	

Product	Technology Segment	CRM
35H42	HX1,LL,RR2	107
34R65	RR2	109
34R67	HX1,LL,RR2	
34A15		
34A16	HX1,LL	109
34A20 <sup>^</sup>	HXX,LL,RR2	
34H33	LL	110
34P89	HX1,LL	
34P94 <sup>^</sup>	HXX,LL	111
34N42	HX1,LL	111
34F97 <sup>*^</sup>	HXX,LL,RR2	111
33W84 <sup>*^</sup>	HXX,LL,RR2	111
33N55	RR2	113
33N58	HX1,LL,RR2	
33M14	RR2	
33M16	HX1,LL,RR2	113
33M18 <sup>*</sup>	HX1,LL	
33D13	HX1,LL	113
33D14 <sup>^</sup>	HXX,LL,RR2	
33R79	LL	114

Product	Technology Segment	CRM
33K44	HX1,LL,RR2	114
33F85	RR2	114
33F88 <sup>*^</sup>	HXX,LL,RR2	
33Y76 <sup>*^</sup>	HXX,LL,RR2	115
33H26	HX1,LL	
33H27	HX1,LL,RR2	115
33H29 <sup>*^</sup>	HXX,LL,RR2	
33D49 <sup>*</sup>	HX1,LL,RR2	115
32T84	HX1,LL,RR2	115
32T85 <sup>*^</sup>	HXX,LL,RR2	
32B10		117
31P40 <sup>*</sup>	RR2	
31P42 <sup>*</sup>	HX1,LL,RR2	119
31P44 <sup>*^</sup>	HXX,LL,RR2	
31G65	RR2	
31G70 <sup>^</sup>	HXX,LL,RR2	119
31G71	HX1,LL,RR2	
31R87	RR2	120

# Technology That Fuels<sup>SM</sup>



\* 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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