

Oxford Soil & Crop 2008 Corn Hybrid Trials

Purpose:

To fairly compare popular and common varieties in the north and south portions of Oxford county

Methods:

Each seed company is invited to provide a variety that they would like to see in Oxford plots. The north portion of the county has a different crop heat unit rating than the southern portion of the county; therefore the county has two sets of comparisons. The results are listed below. There were no areas of the county that suffered a shortage of water during the 2008 growing season.

Results:

North of 401 Plot Results

Management	Waltview	Pullen	Erb	Matheson
Date Planted	May 9	May 12	May 9	May 6
Harvest Date	Nov 12	Oct 31	Nov 12	Nov 11
Previous Crop	Wheat			Corn
Row Width	30	30	30	
Seed Rate	31,200			30,000
Soil Type		Clay loam	Clay loam	
Tillage	No Till	Conventional	Conventional	Conventional

Test Weights	Waltview	Pullen	Erb	Matheson
NK N33-E1	54.5	54.0	50.0	51.2
MYCOGEN 2R428	56.0	56.0	52.7	
CROPLAN 372VT3	54.1	53.5	52.1	52.7
COUNTRY FRM CF480R	54.8	55.0	53.1	53.8
NK N33-E1	52.5	54.5	50.4	51.1
PICKSEED 2929BTRR	54.8	54.0	52.0	53.4
PRIDE A6012G3	54.8	54.0	54.0	53.3
DEKALB DKC43-64	55.2	54.0	51.8	54.7
NK N33-E1	53.8	54.5	50.2	51.1
PIONEER 38M60	56.4	54.5	54.0	55.5
MAIZEX MZ3888BT	54.8	53.5	53.0	55.2
NK N33J-GT/CB/LL	53.7	53.0	52.0	53.8
HYLAND HL CVR54	53.3	52.5	50.0	53.6
NK N33-E1	52.2	54.0	50.5	52.8

Crop Advances: Field Crop Reports

YIELDS	WALTVIEW		PULLEN		ERB		MATHESON	
Hybrid	Yld	Mois	Yld	Mois	Yld	Mois	Yld	Mois
NK N33-E1	186.6	22.6	234.6	25.8	194.0	26.3	163.4	19.7
MYCOGEN 2R428	184.1	22.2	231.0	23.4	194.6	24.9		
CROPLAN 372VT3	190.6	24.0	188.2	31.4	195.8	27.9	169.1	20.4
COUNTRYFARM CF480R	185.8	21.8	218.5	24.5	211.2	24.5	149.1	17.2
NK N33-E1	177.2	21.8	226.6	24.3	180.7	25.9	142.0	18.8
PICKSEED 2929BTRR	189.3	25.2	228.3	28.0	200.2	28.2	138.8	20.1
PRIDE A6012G3	185.5	21.4	212.3	24.1	202.1	25.6	166.2	17.2
DEKALB DKC43-64	187.1	21.6	217.6	25.5	203.9	25.3	177.1	17.1
NK N33-E1	191.4	22.8	214.9	25.0	191.6	25.6	158.7	18.6
PIONEER 38M60	185.6	21.6	194.4	24.0	191.7	24.7	164.2	15.6
MAIZEX MZ3888BT	176.3	22.8	207.3	25.5	185.3	24.0	179.5	18.2
NK N33J-GT/CB/LL	187.8	21.4	203.0	23.3	187.6	25.6	184.5	15.5
HYLAND HL CVR54	178.5	21.6	209.9	27.6	192.2	26.4	159.8	21.8
NK N33-E1	182.5	23.0	201.2	26.3	180.1	25.5	180.5	18.6

South of 401 Plot Results:

Management	Rivers	Doan	Wilson	Mayberry	Orth
Date Planted	April 30	MAY 17	MAY 11		Apr 30
Harvest Date	Nov 11	OCT 30	OCT 28	Nov 5	Nov 5
Previous Crop	Soybeans				Corn
Row Width	30	30	30	30	30
Seed Rate	32,000				
Soil Type		Clay Loam	CLAY LOAM		Clay loam
Tillage		Conventional	Conventional		Conventional

Yields	Rivers		Doan		Wilson		Mayberry		Orth	
Hybrid	Yld	Mois	Yld	Mois	Yld	MoiS	Yld	Mois	Yld	Mois
DEKALB DKC50-20	195.2	26.4	196.5	30.0	214.6	26.0	260.8	27.7	203.1	21.9
PIONEER 37Y14	171.2	24.2	204.7	28.2	208.9	25.2	195.6	26.5	207.7	22.3
DEKALB DKC50-44	202.6	27.0	204.6	30.2	216.4	25.6	226.0	28.9	210.8	22.2
MYCOGEN 2P531	169.5	25.0	192.6	28.0			190.0	28.9	197.5	21.3
NK N45A-GT	187.1	27.2	192.6	28.0	215.9	27.0	216.3	30.5	210.5	24.1
DEKALB DKC50-20	188.4	26.0	200.4	31.0	214.5	25.4	219.4	28.0	215.4	21.3
MAIZEX MZ 3969BR	182.8	25.6	169.1	30.8	212.5	23.0	211.1	27.3	210.6	21.2
PICKSEED 5686Bt	169.8	28.0	202.3	32.2			211.3	32.6		
CROPLAN 421VTE	186.4	28.4	182.2	33.4	210.5	27.2	206.3	30.8	218.4	22.5
PRIDE A6622G3	177.0	22.0	166.9	26.4	194.9	21.6	196.7	26.4	195.9	20.5
CTRYFRM C55EV3	187.0	26.8	175.1	31.8	224.3	24.4	213.2	29.0	210.6	21.2
DEKALB DKC50-20	196.6	25.4	176.9	21.6	209.0	25.8	243.4	27.2	212.1	21.7
HYLAND HL B38R	169.2	27.0	188.8	31.0	209.4	22.6	190.4	30.5	205.0	21.7

Crop Advances: Field Crop Reports

Test Weights	Rivers	Doan	Wilson	Mayberry	Orth
DEKALB DKC50-20	53.7	54.7	56	53.0	52.4
PIONEER 37Y14	53.7	53.8	56	52.0	51.8
DEKALB DKC50-44	54.0	53.8	56	51.0	51.7
MYCOGEN 2P531	55.4	54.7		50.5	52.3
NK N45A-GT	52.0	54.2	56	50.0	50.8
DEKALB DKC50-20	54.0	54.7	56	50.5	52.2
MAIZEX MZ 396BR	52.2	53.8	56	51.5	52.2
PICKSEED 5686Bt	53.0	54.7		50.5	
CROPLAN 421VTE	52.5	51.5	56	50.5	50.4
PRIDE A6622G3	54.5	54.7	56	50.5	52.3
COUNTRYFARM C55EV3	53.0	54.7	56	52.0	52.3
DEKALB DKC50-20	52.5	54.2	56	51.0	50.4
HYLAND HL B38R	53.7	55.3	56	50.5	52.2

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