

NORFOLK CORN PRODUCER HYBRID TRIALS 2008

Purpose:

To fairly compare popular and common varieties in the Norfolk County. Plots are conducted on sandy soils, which are often not well represented in the provincial corn trials.

Methods:

Seven companies each submitted two hybrids - one "early" season (2850 CHU or less) and a hybrid of their choice not to exceed 3100 CHU's. The same sixteen hybrids were entered at all locations. The same check (****Pride A7108 G3) was used in all plots. We encourage you to look back on past year's results as well as the Ontario Corn Performance Trials and other plot information to help you in next year's hybrid selection. Thanks goes to the Norfolk Corn Producers for setting out these trials and all cooperators, also thank you to all seed company DSM's.

COOPERATOR	SNIVELY	CAUGHILL	HEYE	PETERS	WATT
Plant (date)	May 06	May 07	May 06	April 26	April 26
Harvest(date)	Nov 29	Oct 30	Dec 5	Nov 28	Nov 5
Previous Crop	Wheat & Clover	Corn	Soybeans	Soybeans	Wheat
Row Width	30"	30"	30"	30"	30"
Fertilizer	350 lbs Urea, 500 lbs Potash Broadcast in spring, 180 lbs 9-26-7 starter through planer	Broadcast 240 lbs of 41.6-6.0-5.9, 220 lbs of 13.6-23.6-6.4 as starter	430 lbs broadcast PPI 30-0-20, 150 lbs of starter 15- 26.7-8.5-1.34 ZN	200 lbs.of 0-0-60 fall applied, 15 lbs 9-24-3 liquid in furrow, 30 lbs 28% N banded 2x2, 100 lbs 28% N side dress	422 lbs of 35.5-14-11 preplant, starter 7-7-7
Herbicide	Frontier, Marksman	Primextra, Callisto	Primextra, Callisto	Primextra, Callisto	Converge
Soil	Sand Loam	Sand Loam	Sand Loam	Sand Loam	Sand
Tillage	Conservation	Conventional	Minimum Till	Minimum Till	Minimum Till
Population	32,000	30,000	30,000	30,000	30,500
Lot & Concession	Townsend	Simcoe	Walsingham	Walsingham	Townsend

Crop Advances: Field Crop Reports

Results:

Table 1:

Hybrid	AVERAGE			SNIVELY		CAUGHILL	
	CHU	Yield	Moist	Yield	%	Yield	%
Hyland HL B295	3100	213.8	22.6	210.7	21.2	213.2	25.3
Croplan 421 VT3	3100	213.8	21.7	220.5	21.2	215.8	26.5
Dekalb DKC 50-44 VT3	3100	207.9	21.1	230.1	20.8	227.5	24.8
Maizex MZ 4275 CBR	3100	208.4	20.9	200.0	23.5	220.2	25.2
NK Syngenta N45-A5	3100	203.8	21.9	212.5	23.6	214.1	26.5
Pioneer 35F37	3100	209.5	22.6	221.2	23.2	214.2	26.6
Pride A7108G3	3100	204.6	21.2	221.3	21.0	212.8	26.2
Country Farm CF558VT3	3100	206.2	21.5	227.1	20.8	216.3	25.0
Horizon Seeds HZ1025HX	3100	187.9	22.6	204.1	22.5	190.1	28.1
Hyland CVR54	2850	208.9	20.3	215.6	20.0	222.2	23.9
CropLan 314VT3	2850	197.1	18.7	205.1	19.2	197.9	20.2
Dekalb DKC 43-61 VT3	2850	200.7	20.4	206.4	21.2	199.9	23.6
Maizex 39-62 RR	2850	206.1	20.5	202.8	20.0	204.2	24.3
NK Syngenta N330GT/CB/LL	2850	203.5	19.5	213.4	19.2	188.0	23.5
Pioneer 38A57	2850	191.7	20.2	214.7	20.0	192.9	24.3
Pride A6564 G3	2850	213.4	18.5	218.3	19.5		
Country Farm CF494 VT3	2850	209.3	20.1	212.5	20.2	203.7	23.5
Horizon Seeds HZ991	2850	208.2	22.4	199.3	22.6	204.7	25.6
(CHECK) Pride A7108 G3	****	205.5	21.3	213.4	20.8	212.9	25.7

Yield (bu./Ac.)/% Moisture

Yield is weighted against check hybrid growth through plot

Acknowledgements:

Coordinated by Jan Peters & Jim Fekete

Project Contacts:

Location of Project Final Report:

With the Norfolk Corn Producers Association
Contact Jim Fekete 519-443-7479

Crop Advances: Field Crop Reports

Table 2:

Hybrid	CHU	AVERAGE		HEYE		PETERS		WATT	
		Yield	Moist	Yield	%	Yield	%	Yield	%
Hyland HL B295	3100	213.8	22.6	226.0	19.9	223.7	21.2	195.3	25.7
Croplan 421 VT3	3100	213.8	21.7	215.6	17.7	211.3	19.4	205.9	23.7
Dekalb DKC 50-44 VT3	3100	207.9	21.1	192.1	17.4	216.3	21.2	173.6	21.1
Maizex MZ 4275 CBR	3100	208.4	20.9	191.3	16.4	213.7	18.9	216.7	20.7
NK Syngenta N45-A5	3100	203.8	21.9	188.8	16.8	219.8	19.7	183.6	23.0
Pioneer 35F37	3100	209.5	22.6	181.9	18.1	231.1	21.2	199.0	24.0
Pride A7108G3	3100	204.6	21.2	177.8	16.4	216.7	19.1	194.3	23.1
Country Farm CF558VT3	3100	206.2	21.5	194.5	16.3	205.6	21.0	187.7	24.5
Horizon Seeds HZ1025HX	3100	187.9	22.6	150.6	17.3	209.1	19.7	185.7	25.6
Hyland CVR54	2850	208.9	20.3	194.4	16.2	221.8	17.9	190.7	23.3
CropLan 314VT3	2850	197.1	18.7	175.3	16.2	211.5	17.8	196.2	20.0
Dekalb DKC 43-61 VT3	2850	200.7	20.4	190.2	16.6	209.7	17.2	197.4	23.2
Maizex 39-62 RR	2850	206.1	20.5	193.7	18.1	216.1	17.7	213.7	22.6
NK Syngenta N330GT/CB/LL	2850	203.5	19.5	191.9	16.5	212.8	17.6	211.4	20.6
Pioneer 38A57	2850	191.7	20.2	145.6	16.1	205.1	19.2	200.1	21.2
Pride A6564 G3	2850	213.4	18.5	208.9	16.4	220.0	17.6	206.5	20.6
Country Farm CF494 VT3	2850	209.3	20.1	210.6	17.1	210.5	18.2	209.2	21.4
Horizon Seeds HZ991	2850	208.2	22.4	220.0	20.6	208.5	20.3	208.7	22.9
(CHECK) Pride A7108 G3	****	205.5	21.3	188.6	17.3	214.7	19.5	198.2	23.3

Crop Advances: Field Crop Reports