

Table 1. 2016 performance of early maturity corn hybrids evaluated at both Chazy, Clinton County, and Madrid, St. Lawrence County, in Northern New York.

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Stay Green, 1 to 5†
					Stalk	Root	
182-62VT2P	Channel	181.7	17.9	10.3	6	0	2.0
P7632AM	Pioneer	198.6	18.6	10.7	11	0	2.9
79EXP	Axis	171.9	18.9	9.1	3	0	2.5
181-92VT2P	Channel	181.5	19.2	9.5	4	0	2.8
DS 6780	Dairyland	190.4	19.4	9.9	3	0	2.8
H4032RC2P	Hubner	186.2	19.4	9.7	1	0	2.2
SW 1964GT	Seedway	181.6	19.5	9.4	5	0	2.0
2215AMX	Doebler's PA Hybrids	189.1	19.7	9.6	5	0	2.4
P8542AMX	Pioneer	207.1	19.8	10.5	4	0	2.3
DS 8404	Dairyland	190.7	20.0	9.6	6	0	3.1
85EXP	Axis	211.6	20.0	10.6	6	0	2.2
DS 9079 SSX	Dairyland	199.6	20.2	9.9	4	0	2.3
H4054RC2P	Hubner	202.0	20.2	10.0	2	0	3.0
D22VC62	Dyna-Gro	194.3	20.4	9.6	3	0	2.3
DKC32-12RIBVT2P	Dekalb	169.1	20.4	8.5	3	0	2.2
216AM	Doebler's PA Hybrids	173.3	20.4	8.5	4	0	3.3
SW 2349-3000GT	Seedway	199.8	20.7	9.7	4	0	1.8
185-15VT2P	Channel	200.2	20.7	9.8	2	0	1.8
P8387AM	Pioneer	185.0	20.7	9.0	2	0	1.7
TA255-00	TA Seeds	215.2	20.8	10.4	5	0	2.4
P8639AM	Pioneer	219.7	20.9	10.6	4	0	1.9
H4021RC2P	Hubner	172.9	21.1	8.5	3	0	2.0
81-82N	Albert Lea	230.3	21.4	10.9	3	0	2.2
D23VC35	Dyna-Gro	181.7	21.7	8.5	2	0	2.3
DS 6284	Dairyland	185.8	21.7	8.6	7	0	2.3
FS 36R47VT2P	Growmark FS	214.0	21.7	9.9	5	0	1.2
TA232-20	TA Seeds	212.8	21.8	9.9	3	0	2.2
16OIB:221	Brownseed Genetics	164.3	21.8	7.6	3	0	1.9

(Table 1, Continued)

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Stay Green, 1 to 5†	
					Stalk	Root		
SW 1994	Seedway	198.4	21.9	9.1	2	0	1.7	
2415HXR	Doebler's PA Hybrids	214.9	21.9	10.0	3	0	2.3	
16OB:192	Brownseed Genetics	170.6	22.0	7.9	3	0	2.2	
D27VC47	Dyna-Gro	203.9	22.4	9.2	4	0	1.7	
16OB:227	Brownseed Genetics	201.8	22.5	9.0	1	0	1.7	
TA256-20A	TA Seeds	230.9	22.7	10.4	2	0	2.2	
H4094RC2P	Hubner	204.7	22.7	9.1	5	0	1.9	
89EXP	Axis	219.1	22.8	10.0	1	0	1.7	
DKC35-88RIBVT2P	Dekalb	204.8	22.9	9.1	6	0	1.7	
2517GRQ	Doebler's PA Hybrids	221.3	22.9	9.8	2	0	1.8	
68-86 Art	Albert Lea	232.3	23.0	10.2	1	0	2.0	
30B20	Axis	190.8	23.1	8.4	3	0	1.8	
SW 2400GENSS (RIB)	Seedway	197.7	23.2	8.8	2	0	1.9	
D25VC45	Dyna-Gro	222.5	23.5	9.6	6	0	1.3	
16OB:223	Brownseed Genetics	215.6	23.8	9.8	6	0	1.8	
DS 9085	Dairyland	213.6	23.9	9.1	5	0	1.9	
D25VC66	Dyna-Gro	207.3	24.1	8.8	3	0	1.5	
SW 2359-3000GT	Seedway	230.0	24.1	9.8	2	0	2.0	
16OB:230	Brownseed Genetics	194.8	24.2	8.2	4	0	1.7	
FS 37R53SS	Growmark FS	226.6	24.3	9.4	7	0	1.5	
TA266-22DPRIB	TA Seeds	235.4	24.4	9.8	6	0	1.8	
36H55	Axis	192.5	25.6	7.8	9	0	1.5	
		MEAN	200.8	21.6	9.4	4	0	2.1
		S.D.	15.7	1.9	.8	4	0	.5
		C.V.	7.8	8.6				
		LSD(.05)	17.8	2.1				

† Ratings for stay green are done in September on a scale from 1 (leaves entirely green) to 5 (leaves entirely dry and dead).

Table 2. 2016 performance of early maturity corn grain hybrids evaluated at Madrid, St. Lawrence County, Northern NY.

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Early Vigor, 1 to 5*	Stay Green, 1 to 5†
					Stalk	Root		
DKC32-12RIBVT2P	Dekalb	189.7	18.4	10.3	0	0	5.0	2.3
182-62VT2P	Channel	183.8	18.6	9.9	0	0	4.7	2.3
P7632AM	Pioneer	177.9	18.7	9.5	2	0	4.3	3.3
H4032RC2P	Hubner	200.3	18.9	10.6	0	0	4.3	2.3
85EXP	Axis	214.6	19.0	11.3	0	0	4.7	2.2
185-15VT2P	Channel	219.1	19.1	11.5	0	0	4.7	1.8
2215AMX	Doebler's PA Hybrids	209.5	19.1	11.0	1	0	4.7	2.3
H4021RC2P	Hubner	199.7	19.2	10.4	0	0	4.7	2.2
H4054RC2P	Hubner	221.1	19.3	11.5	0	0	5.0	2.7
P8542AMX	Pioneer	221.2	19.4	11.4	1	0	4.7	2.3
79EXP	Axis	187.9	19.4	9.7	1	0	4.0	1.8
TA255-00	TA Seeds	214.3	19.5	11.0	0	0	4.3	2.5
P8387AM	Pioneer	207.9	19.6	10.6	0	0	4.7	2.2
181-92VT2P	Channel	190.2	19.7	9.7	0	0	4.7	2.7
DS 9079 SSX	Dairyland	192.0	19.9	9.8	1	0	5.0	3.0
16OB:192	Brownseed Genetics	181.7	19.9	9.1	2	0	4.0	2.8
2415HXR	Doebler's PA Hybrids	227.7	20.0	11.4	0	0	5.0	2.5
TA232-20	TA Seeds	222.8	20.1	11.1	1	0	3.7	2.7
P8639AM	Pioneer	230.8	20.1	11.5	1	0	4.3	2.0
81-82N	Albert Lea	231.7	20.1	11.6	0	0	4.7	2.7
DS 8404	Dairyland	197.5	20.1	9.8	1	0	4.3	2.5
D22VC62	Dyna-Gro	211.3	20.1	10.5	0	0	4.7	2.2
SW 2400GENSS (RIB)	Seedway	211.2	20.1	10.5	0	0	4.7	1.8
D23VC35	Dyna-Gro	205.3	20.3	10.1	0	0	4.3	2.0
216AM	Doebler's PA Hybrids	218.2	20.3	10.7	0	0	4.5	3.5
TA256-20A	TA Seeds	225.9	20.4	11.1	0	0	5.0	2.5
H4094RC2P	Hubner	210.5	20.4	10.3	0	0	5.0	2.2
SW 1994	Seedway	194.0	20.4	9.5	0	0	4.7	2.0
SW 1964GT	Seedway	187.3	20.5	9.1	4	0	4.0	2.0

(Table 2, Continued)

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Early Vigor, 1 to 5*	Stay Green, 1 to 5†	
					Stalk	Root			
89EXP	Axis	237.1	20.6	11.6	0	0	5.0	1.5	
2517GRQ	Doebler's PA Hybrids	225.0	20.7	10.9	1	0	4.7	2.3	
DS 6780	Dairyland	205.3	20.7	10.0	0	0	4.7	2.5	
68-86 Art	Albert Lea	231.5	20.7	11.2	0	0	5.0	2.2	
D27VC47	Dyna-Gro	219.5	20.8	10.6	0	0	5.0	1.8	
30B20	Axis	199.2	20.8	9.6	0	0	3.7	2.3	
16OB:227	Brownseed Genetics	202.7	20.8	9.8	0	0	5.0	1.8	
DKC35-88RIBVT2P	Dekalb	239.3	21.1	11.3	0	0	4.7	1.8	
SW 2359-3000GT	Seedway	246.0	21.2	11.7	0	0	4.7	2.2	
DS 9085	Dairyland	219.8	21.2	10.4	0	0	5.0	2.3	
D25VC45	Dyna-Gro	234.2	21.3	11.0	0	0	5.0	1.8	
SW 2349-3000GT	Seedway	201.8	21.4	9.5	1	0	4.0	1.8	
16OIB:221	Brownseed Genetics	173.3	21.4	8.1	0	0	4.7	2.2	
16OB:230	Brownseed Genetics	203.3	21.5	9.5	0	0	4.7	2.0	
DS 6284	Dairyland	190.3	21.6	8.8	0	0	5.0	2.3	
FS 37R53SS	Growmark FS	221.0	21.7	10.2	0	0	5.0	1.7	
D25VC66	Dyna-Gro	217.7	21.8	10.0	0	0	4.7	1.7	
FS 36R47VT2P	Growmark FS	222.7	21.8	10.2	0	0	4.3	1.7	
16OB:223	Brownseed Genetics	217.9	22.0	9.9	1	0	5.0	2.0	
TA266-22DPRIB	TA Seeds	231.1	22.1	10.5	0	0	5.0	2.2	
36H55	Axis	220.3	22.4	9.9	3	0	5.0	1.7	
		MEAN	210.9	20.4	10.4	0	0	4.6	2.2
		S.D.	12.6	1.1	1.0	1	0	0.4	0.4
		C.V.	6.0	5.6					
		LSD(.05)	20.5	1.8					

* Ratings for early vigor are done at the early to mid-whorl stage on a scale from 1 (very poor vigor) to 5 (excellent vigor).

† Ratings for stay green are done in September on a scale from 1 (leaves entirely green) to 5 (leaves entirely dry and dead).

Table 3. 2016 performance of early maturity corn grain hybrids evaluated at Chazy, Clinton County, Northern NY.

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Stay Green, 1 to 5†
					Stalk	Root	
182-62VT2P	Channel	179.6	17.3	10.7	12	0	1.8
DS 6780	Dairyland	175.4	18.0	9.8	6	0	3.2
SW 1964GT	Seedway	175.9	18.4	9.6	5	1	2.0
79EXP	Axis	155.9	18.4	8.5	5	0	3.2
P7632AM	Pioneer	219.3	18.5	12.0	21	0	2.5
181-92VT2P	Channel	172.8	18.8	9.3	7	0	2.8
DS 8404	Dairyland	183.8	19.8	9.4	12	0	3.7
H4032RC2P	Hubner	172.1	19.9	8.8	3	0	2.0
SW 2349-3000GT	Seedway	197.8	19.9	9.9	6	0	1.8
P8542AMX	Pioneer	193.1	20.1	9.6	7	0	2.3
2215AMX	Doebler's PA Hybrids	168.8	20.3	8.3	9	0	2.5
216AM	Doebler's PA Hybrids	128.4	20.6	6.3	8	0	3.2
DS 9079 SSX	Dairyland	207.1	20.6	10.0	7	0	1.7
D22VC62	Dyna-Gro	177.3	20.7	8.6	6	0	2.3
85EXP	Axis	208.5	21.1	9.9	12	0	2.2
H4054RC2P	Hubner	182.8	21.2	8.6	4	0	3.3
FS 36R47VT2P	Growmark FS	205.4	21.7	9.5	10	0	0.8
P8639AM	Pioneer	208.6	21.7	9.6	6	0	1.8
DS 6284	Dairyland	181.2	21.8	8.4	14	0	2.3
P8387AM	Pioneer	162.0	21.9	7.4	4	0	1.2
16OIB:221	Brownseed Genetics	155.4	22.2	7.0	6	0	1.7
TA255-00	TA Seeds	216.0	22.2	9.8	10	0	2.3
185-15VT2P	Channel	181.2	22.3	8.1	4	0	1.7
DKC32-12RIBVT2P	Dekalb	148.6	22.4	6.6	6	0	2.0
81-82N	Albert Lea	228.9	22.8	10.2	5	0	1.7
D23VC35	Dyna-Gro	158.0	23.0	6.9	5	0	2.7
H4021RC2P	Hubner	146.1	23.1	6.5	6	0	1.8
SW 1994	Seedway	202.8	23.3	8.8	5	0	1.3
TA232-20	TA Seeds	202.8	23.4	8.7	5	0	1.7

(Table 3, Continued)

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Stay Green, 1 to 5†
					Stalk	Root	
2415HXR	Doebler's PA Hybrids	202.2	23.9	8.6	5	0	2.0
D27VC47	Dyna-Gro	188.3	24.0	7.9	8	0	1.5
16OB:192	Brownseed Genetics	159.5	24.2	6.7	3	0	1.5
16OB:227	Brownseed Genetics	200.9	24.3	8.3	3	0	1.5
DKC35-88RIBVT2P	Dekalb	170.3	24.6	6.9	12	0	1.5
89EXP	Axis	201.0	25.0	8.4	2	0	1.8
TA256-20A	TA Seeds	235.9	25.0	9.6	3	0	1.8
H4094RC2P	Hubner	199.0	25.0	8.0	9	0	1.7
2517GRQ	Doebler's PA Hybrids	217.5	25.1	8.7	4	0	1.3
68-86 Art	Albert Lea	233.1	25.3	9.2	2	0	1.8
16OB:223	Brownseed Genetics	213.3	25.5	9.7	10	0	1.5
30B20	Axis	182.4	25.5	7.1	5	0	1.3
D25VC45	Dyna-Gro	210.8	25.6	8.2	12	0	0.8
SW 2400GENSS (RIB)	Seedway	184.1	26.3	7.0	4	0	2.0
D25VC66	Dyna-Gro	196.8	26.4	7.5	7	0	1.3
DS 9085	Dairyland	207.5	26.6	7.8	10	0	1.5
TA266-22DPRIB	TA Seeds	239.7	26.7	9.0	12	0	1.5
FS 37R53SS	Growmark FS	232.3	26.8	8.7	14	0	1.3
16OB:230	Brownseed Genetics	186.3	26.9	6.9	8	0	1.3
SW 2359-3000GT	Seedway	214.0	27.0	8.0	4	0	1.8
36H55	Axis	164.6	28.8	5.7	15	0	1.3
	MEAN	190.7	22.9	8.5	7	0	1.9
	S.D.	18.3	2.4	1.7	6	0	0.6
	C.V.	9.6	10.3		76		
	LSD(.05)	29.6	3.8		9		

† Ratings for stay green are done in September on a scale from 1 (leaves entirely green) to 5 (leaves entirely dry and dead).

Table 4. 2016 performance of medium-early maturity corn grain hybrids evaluated at Madrid, St. Lawrence County, Northern NY.

Hybrid	Brand	Grain Yield, bu/A	Grain Moisture, %	Yield: Moisture Ratio	Lodging, %		Early Vigor, 1 to 5*	Stay Green, 1 to 5†
					Stalk	Root		
RPM 3316 AM	Doebler's PA Hybrids	224.3	20.2	11.1	1	0	4.7	2.5
68-86 Art	Albert Lea	236.4	20.3	11.6	0	0	5.0	2.8
TA266-28RIB	TA Seeds	218.5	20.6	10.6	0	0	5.0	2.2
81-82N	Albert Lea	219.5	20.7	10.6	0	0	5.0	3.0
TA387-22DPRIB	TA Seeds	237.0	21.6	11.0	0	0	5.0	2.3
TA256-20A	TA Seeds	234.8	21.7	10.9	0	0	4.7	2.5
51-95N	Albert Lea	248.7	22.1	11.3	0	0	5.0	1.8
TA487-22DRRIB	TA Seeds	229.6	22.2	10.4	0	0	4.3	1.7
D32VC41	Dyna-Gro	244.5	22.5	10.9	0	0	5.0	2.2
D37VC60	Dyna-Gro	248.6	22.5	11.1	1	0	4.3	2.0
90-91N	Albert Lea	240.3	22.5	10.7	3	0	3.7	2.2
RPM 3016 AMX	Doebler's PA Hybrids	215.6	23.0	9.4	0	0	3.3	2.2
D35SS58	Dyna-Gro	258.8	23.7	11.0	0	0	4.3	1.5
D40SS48	Dyna-Gro	242.3	24.4	9.9	0	0	4.0	1.5
O.58-98N	Albert Lea	218.1	25.0	8.7	0	0	4.0	1.5
O.69-99N	Albert Lea	244.8	25.2	9.7	1	0	4.7	1.5
	MEAN	235.1	22.4	10.6	0.0	0.0	4.5	2.1
	S.D.	11.8	1.1	1.0	1	0	0.4	0.9
	C.V.	5.0	5.0					
	LSD(.05)	19.5	1.9					

* Ratings for early vigor are done at the early to mid-whorl stage on a scale from 1 (very poor vigor) to 5 (excellent vigor).

† Ratings for stay green are done in September on a scale from 1 (leaves entirely green) to 5 (leaves entirely dry and dead).