

**2016 Pioneer Disease Scores and Fungicide Application  
Recommendations - NE Iowa**

Hybrid/Brand	CRM	Gray Leaf Spot - GLS	Foliar Fungicide Response- GLS	Northern Leaf Blight - NLB	Foliar Fungicide Response- NLB	Goss's Wilt	Anthrachnose Stalk Rot	Stalk Strength	Staygreen
P9526AMXT™	95	3	HP	5	MP	5		4	3
P9681AMX™	96	4	HP	6	LP	6		6	8
P9703AMX™	97	4	HP	4	HP	6		5	6
P9917AMX™	99	3	HP	5	MP	4	2	4	4
P9929AM™	99	4	HP	4	HP	7		5	4
P9929AMXT™	99	4	HP	4	HP	7		5	4
P0157AM™	101	4	HP	5	MP	8	4	5	4
P0157AMX™	101	4	HP	5	MP	8	4	5	4
P0193AMX™	101	4	HP	4	HP	5	4	7	6
P0216AM™	102	4	HP	5	MP	7	3	6	5
P0238XR	102	4	HP	4	HP	5		5	
P0297AMXT™	102	4	HP	6	LP	5	3	4	3
P0339AMXT™	103	5	MP	6	LP	8	5	6	6
P0407AMXT™	104	4	HP	4	HP	6	5	6	3
P0413E	104	4	HP	5	MP	7	3	6	4
P0506AM™	105	5	MP	6	LP	8	5	6	7
P0533AM1™	105	4	HP	5	MP	5	2	4	3
P0570AMXT™	105	4	HP	6	LP	6	4	5	5
P0589AM™	105	5	MP	4	HP	6	4	5	6
P0636AMX™	106	5	MP	3	HP	4	4	5	5
P0677AMX™*	106	3	HP	4	HP	5	3	3	
P0760AMXT™	107	3	HP	5	MP	6	3	4	5
P0825AMXT™	108	6	LP	6	LP	7	5	6	8
P0832EXR	108	4	HP	5	MP	7	4	4	5
P0916EHR	109	5	MP	5	MP	7	4	7	7
P0937AM™	109	5	MP	6	LP	7	6	6	7
P0969AM™	109	3	HP	6	LP	6	5	6	6
P0969AMXT™	109	3	HP	6	LP	6	5	6	6
P0987AMX™	109	5	MP	4	HP	7	4	5	7
P1018E	110	6	LP	5	MP	6	7	6	8
P1023AM™	110	5	MP	6	LP	7	4	6	8
P1142AMX™	111	4	HP	3	HP	5	5	7	7

## 2016 Pioneer Disease Scores and Fungicide Application Recommendations - NE Iowa

Hybrid/Brand	CRM	Gray Leaf Spot - GLS	Foliar Fungicide Response- GLS	Northern Leaf Blight - NLB	Foliar Fungicide Response- NLB	Goss's Wilt	Anthrachnose Stalk Rot	Stalk Strength	Staygreen
P1151AM™	111	4	HP	5	MP	6	5	5	6
P1151AMX™	111	4	HP	5	MP	6	5	5	6
P1162EXR	111	5	MP	5	MP	4	4	5	5
P1180XR	111	5	MP	5	MP	4	5	4	6
P1197AM™	111	5	MP	6	LP	6	6	8	8
P1197AMXT™	111	5	MP	6	LP	6	6	8	8
P1221AMXT™	112	6	LP	6	LP	7	5	7	7
P1257AMXT™	112	6	LP	5	MP	5	6	5	8
P1311AMXT	113	5	MP	6	LP	6	5	5	8
P1365AMX™	113	6	LP	6	LP	7	7	8	8
P1443AM™	114	4	HP	6	LP	5	4	5	8
P1449AMX™	114	4	HP	5	MP	5	7	3	6
P1498E	114	6	LP	5	MP	5	4	6	7

**Disease Rating Scale:** 1 to 9 scale with a 9 rating being most resistant to disease

**Foliar Fungicide Response - GLS and NLB:** HP = high probability

MP = moderate probability and LP = low probability

For prioritizing NLB fungicide applications use the red-yellow-green recs

**NLB** - Northern Corn Leaf Blight inoculum has increased significantly during the 2013 2015 growing seasons due to environmental conditions. Stay on top of corn on corn rotations during the 2016 growing season regularly scouting for NCLB!

**Goss' Wilt** - is not a fungal disease but rather a bacterial disease and fungicides are not effective at controlling Goss' Wilt.

**Under the right environmental conditions, any corn hybrid may develop disease symptoms and may become necessary to treat with a foliar fungicide.**

# 2016 Pioneer Disease Scores and Fungicide Application Recommendations - NE Iowa

GPA Yield Response (bu/acre)
7.2
6.8
6.8
7.7
7.7
8.0
5.0
5.9
5.3
7.7
4.0
4.9
4.4
9.8
9.2
8.3
8.7
8.3
9.5
7.5
7.5
12.7

# 2016 Pioneer Disease Scores and Fungicide Application Recommendations - NE Iowa

GPA Yield Response (bu/acre)
6.3
6.3
12.4
12.4
10.7
13.4
14.1
10.1

-