

2014 Pioneer Disease Ratings and Fungicide Recommendations - NE Iowa

Hybrid	CRM	Gray Leaf Spot	Northern Corn Leaf Blight	Anthrachnose Stalk Rot	Gibberella Ear Rot	Late Season Stay Green	Goss' Wilt	Fungicide Application Level
P9526AMXT	95	3	6		3	3	5	1
P9714R	97	4	5	4	3	7	7	3
P9748HR	97	4	6	5	4	6	5	2
P9834AMX	98	4	3	4	5	5	6	1
37K11	99	5	6	5	3	8	6	3
P9910AMX	99	5	3	3	5	5	5	1
P9917AMX	99	3	5	2	4	4	4	1
P0062AMX	100	4	5	2	4	3	5	1
P1057AMX	101	4	5		4	4	8	3
P0193AM	101	4	4	4	4	4	5	2
36V52	102	4	6	3	4	6	5	2
P0216AM	102	4	5	3	4	5	7	2
P0297AMX	102	4	6	3	4	3	5	1
P0313AM1	103	4	3	4		4	6	1
P0407AMXT	104	4	4	5		3	6	2
P0413AM1	104	4	5	3	5	4	7	2
P0448AMX	104	5	5	4	5	5	6	3
P0453AM	104	6	6	4	6	7	6	3
P0461EXR	104	4	4	4	4	4	5	2
P0506AM	105	5	6	5	4	7	8	3
P0528AMX	105	5	4	4	4	6	7	2
P0533AM1	105	4	5	2	5	3	5	1
P0636AMX	106	4	4	3	4	6	4	2
P0652AMX	106	5	4		5	4	5	2
P0832EXR	108	4	5	4	4	4	7	2
P0916EHR	109	5	5	4	3	7	7	3
P0969AMXT	109	3	6	5	3	6	6	2
P0987AMX	109	6	4	4	5	7	7	2
34A90	109	5	6	4	5	5	8	2
34F07	110	6	6	5	3	8	7	3
P1023AM	110	5	6	4	6	8	7	3
P1142AMX	111	4	4	5		7	5	2

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Hybrid	CRM	Gray Leaf Spot	Northern Corn Leaf Blight	Anthracoese Stalk Rot	Gibberella Ear Rot	Late Season Stay Green	Goss' Wilt	Fungicide Application Level
P1151AM	111	4	5	5	3	6	6	2
P1162AMX	111	5	5	4	3	5	4	2
P1180XR	111	5	5	5		6	4	3
P1197AM	111	5	6	6	6	8	6	3
P1221AMXT	112	5	6	5	5	7	7	3
P1257AMXT	112	6	5	6	4	8	5	3
P1339AM1	113	5	5	4	4	6	5	2
P1360E	113	6	6	6	3	6	7	3
P1365AMX	113	6	6	7	4	8	7	3
P1376XR	113	5	4				6	2
P1449XR	114	4	5	7		6	5	2
P1498AM	114	6	5	4	4	8	6	3

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

Fungicide Application Level Recommendations:

Based on field experience we have rated each hybrid a one, two or three:

- 1 - Consider scouting and treating first
- 2 - Consider scouting and treating second
- 3 - Consider scouting and treating last

NCLB - Northern Corn Leaf Blight inoculum has increased significantly during the 2008 - 2011 growing seasons due to environmental conditions. Stay on top of corn on corn rotations during the 2014 growing season regularly scouting for NCLB! A race shift from race zero to race one is occurring and as race one increases to over 25% the HT1 gene becomes less effective for NLCB.

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.