

Table 1. Mean percent gray leaf spot (GLS) and tar spot severity on the ear leaf of corn at dent (growth stage R5) at the Iowa State University Northeast (NERF) and Southeast (SERF) Research Farms in 2022.

Product, rate/a	MOA ^a groups	Application timing	NERF		SERF	
			GLS	Tar spot	GLS	Tar spot
Non-treated control 1	-	-	1.3 a	1.1 bcd	3.3 a	23.2 a
Headline AMP, 10 fl. oz.	3, 11	V12	0.5 efg	0.3 fg	0.2 hi	3.9 ghi
Veltyma, 7 fl. oz.	3, 11	V12	0.1 g	0.2 fg	0.2 hi	7.4 ef
Trivapro, 13.7 fl. oz.	3, 7, 11	V12	0.2 fg	0.3 fg	0.1 i	9.0 e
Delaro Complete, 8 fl. oz.	3, 7, 11	V12	0.3 efg	0.2 fg	0.7 efgh	4.4 gh
Lucento, 5 fl. oz.	3, 7	V12	0.6 de	0.6 def	0.4 ghi	13.5 d
Miravis Neo, 13.7 fl. oz.	3, 7, 11	V12	0.4 efg	0.5 efg	0.5 fghi	8.6 e
Aproach Prima, 6.8 fl. oz.	3, 11	V12	0.3 efg	0.3 fg	-	-
Non-treated control 2	-	-	1.0 cd	1.5 ab	3.2 a	20.6 b
Headline AMP, 10 fl. oz.	3, 11	R1	0.5 ef	0.5 efg	0.6 efghi	2.2 i
Veltyma, 7 fl. oz.	3, 11	R1	0.5 ef	0.2 fg	0.4 ghi	2.7 hi
Trivapro, 13.7 fl. oz.	3, 7, 11	R1	0.6 e	0.4 efg	1.0 def	3.3 hi
Delaro Complete, 8 fl. oz.	3, 7, 11	R1	0.6 e	0.1 g	1.1 de	2.9 hi
Lucento, 5 fl. oz.	3, 7	R1	0.6 e	0.7 def	0.8 efg	7.4 ef
Miravis Neo, 13.7 fl. oz.	3, 7, 11	R1	0.4 efg	0.3 fg	0.8 efg	4.8 gh
Aproach Prima, 6.8 fl. oz.	3, 11	R1	0.6 ef	0.4 efg	-	-
Adastrio, 8 fl. oz.	3, 7, 11	R1	0.6 de	0.6 defg	0.7 efgh	5.8 fg
Xyway LFR	3	at planting	2.1 a	1.5 ab	1.5 d	19.6 b
Xyway LFR, 9.5 fl. oz. + Adastrio, 7 fl. oz.	3, 7, 11	at planting + R1	0.4 efg	0.9 cde	0.7 efgh	7.2 ef
Xylem Plus, 32 fl. oz.	P 07	at planting	1.1 bc	1.8 a	2.7 b	15.7 c
Xylem Plus, 16 fl. oz. + Xylem Plus, 24 fl. oz.	P 07	V6 + R1	1.1 bc	1.4 abc	2.1 c	18.5 b
P-value			< 0.0001	< 0.0001	< 0.0001	<0.0001

^aFungicide mode of action groups