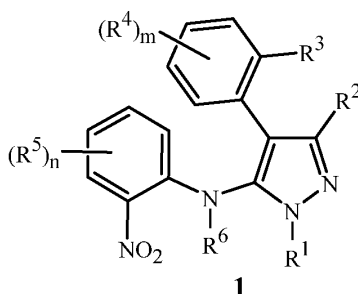


CLAIMS

What is claimed is:

1. A compound selected from Formula 1, tautomers, *N*-oxides, and salts thereof,



5 wherein

R¹ is C₁-C₂ alkyl;

R² is cyano, halogen, C₁-C₂ alkyl or C₁-C₂ haloalkyl;

R³ is halogen or methyl;

10 each R⁴ is independently halogen, cyano, nitro, C₁-C₃ alkyl, C₁-C₃ alkoxy, C₁-C₃ haloalkoxy, C₂-C₆ alkenyloxy, C₂-C₆ alkynyloxy, C₂-C₆ cyanoalkoxy, C₂-C₆ alkoxyalkyl or C₂-C₆ alkoxyalkoxy;

each R⁵ is independently halogen, C₁-C₃ alkyl, C₂-C₆ alkoxyalkyl, C₁-C₃ alkoxy, C₁-C₃ haloalkoxy, C₂-C₆ alkenyloxy, C₂-C₆ alkynyloxy, C₂-C₆ cyanoalkoxy or C₂-C₆ alkoxyalkoxy;

15 m and n are each independently 0, 1, 2 or 3;

R⁶ is H; or C₁-C₃ alkyl or C₁-C₃ haloalkyl, each optionally substituted with up to 2 substituents independently selected from R^{6a}; or amino, C₂-C₄ alkenyl, C₂-C₄ alkynyl, C₃-C₆ cycloalkyl, CH(=O), S(=O)₂OM, S(=O)_uR⁷, (C=W)R⁸ or OR⁹;

20 each R^{6a} is independently cyano, C₃-C₆ cycloalkyl, C₁-C₃ alkoxy, C₁-C₃ haloalkoxy, C₁-C₃ alkylthio, C₁-C₃ alkylsulfinyl or C₁-C₃ alkylsulfonyl;

M is K or Na;

u is 0, 1 or 2;

R⁷ is C₁-C₃ alkyl or C₁-C₃ haloalkyl;

W is O or S;

25 R⁸ is C₁-C₃ alkyl, C₂-C₄ alkoxyalkyl, C₂-C₄ alkylaminoalkyl, C₃-C₆ dialkylaminoalkyl, C₁-C₃ alkoxy, C₁-C₃ alkylthio or C₂-C₄ alkylthioalkyl;

R⁹ is H; or C₁-C₃ alkyl or C₁-C₃ haloalkyl, each optionally substituted with up to 2 substituents independently selected from R^{9a}; or CH(=O), C₃-C₆ cycloalkyl, S(=O)₂OM or (C=W)R¹⁰;

30 each R^{9a} is independently cyano, C₃-C₆ cycloalkyl, C₁-C₃ alkoxy, C₁-C₃ haloalkoxy, C₁-C₃ alkylthio, C₁-C₃ alkylsulfinyl or C₁-C₃ alkylsulfonyl; and

R¹⁰ is C₁-C₃ alkyl, C₂-C₄ alkoxyalkyl, C₂-C₄ alkylaminoalkyl, C₃-C₆ dialkylaminoalkyl, C₁-C₃ alkoxy, C₁-C₃ alkylthio or C₂-C₄ alkylthioalkyl; provided that the compound of Formula 1 is not:

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(2,4-difluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-*N*-(2-nitrophenyl)-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-*N*-(2,4-difluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-3-ethyl-1-methyl-*N*-(2-nitrophenyl)-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1-methyl-*N*-(2-nitrophenyl)-3-(trifluoromethyl)-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(2-methoxy-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-*N*-(2-methoxy-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(2-chloro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(2-chloro-3-fluoro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-*N*-(2-methyl-6-nitrophenyl)-1*H*-pyrazol-5-amine;

N-(2-bromo-4-fluoro-6-nitrophenyl)-4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-*N*-(4-methoxy-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(4-fluoro-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(4-methoxy-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(4-chloro-2-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-*N*-[2-nitro-4-(2-propyn-1-yloxy)phenyl]-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-*N*-[2-nitro-4-(2-propen-1-yloxy)phenyl]-1*H*-pyrazol-5-amine;

N-(4-bromo-2-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(4-chloro-2-fluoro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-

dimethyl-1*H*-pyrazol-5-amine;

3-chloro-4-(2-chloro-4-fluorophenyl)-*N*-(2,4-difluoro-6-nitrophenyl)-1-methyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-*N*-[4-methyl-2-nitrophenyl]-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-*N*-(4-methyl-2-nitrophenyl)-1*H*-pyrazol-5-amine; and

N-(4-bromo-2-fluoro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine.

2. A compound of Claim 1 wherein:

R¹ is methyl;

R² is cyano, halogen or C₁-C₂ alkyl;

R³ is halogen;

5 each R⁴ is independently halogen, cyano, methyl, methoxy, halomethoxy, C₂-C₄ alkenyloxy, C₂-C₄ alkynyloxy or C₂-C₄ cyanoalkoxy;

each R⁵ is independently halogen, methyl, methoxy, halomethoxy, C₂-C₄ alkenyloxy, C₂-C₄ alkynyloxy or C₂-C₄ cyanoalkoxy;

10 R⁶ is H; or C₁-C₂ alkyl or C₁-C₂ haloalkyl, each optionally substituted with up to 1 substituent selected from R^{6a}; or S(=O)_uR⁷ or OR⁹;

R^{6a} is cyano, C₃-C₆ cycloalkyl or C₁-C₃ alkoxy;

R⁷ is methyl or halomethyl;

R⁹ is H; or C₁-C₂ alkyl or C₁-C₂ haloalkyl, each optionally substituted with up to 1 substituent selected from R^{9a}; and

15 R^{9a} is cyano, C₃-C₆ cycloalkyl or C₁-C₃ alkoxy.

3. A compound of Claim 2 wherein:

R² is methyl or ethyl;

R³ is Br, Cl or F;

each R⁴ is independently halogen, cyano, methyl or methoxy;

20 m is 1 and R⁴ is at the para position; or m is 1 and R⁴ is at the ortho position; or m is 2 and one R⁴ is at the para position, and the other is at the ortho position;

each R⁵ is independently halogen, methyl or methoxy;

n is 1 and R⁵ is at the para position; or n is 1 and R⁵ is at the ortho position; or n is 2 and one R⁵ is at the para position, and the other is at the ortho position; and

25 R⁶ is H or methyl.

4. A compound of Claim 3 wherein:

R² is methyl;

each R⁴ is independently Br, Cl, F, cyano or methoxy;

each R⁵ is independently Br, Cl, F, methyl or methoxy; and
R⁶ is H.

5. A compound of Claim 4 wherein:

each R⁴ is independently Br, Cl or F; and

5 m and n are each 1 and R⁴ is at the para position and R⁵ is at the ortho position; or m is 1 and R⁴ is at the para position, and n is 2 and one R⁵ is at the para position and the other is at the ortho position; or m is 2 and one R⁴ is at the para position and the other is at the ortho position, and n is 1 and R⁵ is at the ortho position.

10 6. A compound of Claim 5 wherein:

R⁴ is Cl or F;

each R⁵ is independently Cl, F or methyl; and

m and n are each 1 and R⁴ is at the para position and R⁵ is at the ortho position; or m is 1 and R⁴ is at the para position, and n is 2 and one R⁵ is at the para position and the other is at the ortho position.

7. A compound of Claim 1 wherein:

R¹ is methyl;

R² is methyl or ethyl;

R³ is halogen;

20 each R⁴ is independently Br, Cl, F, cyano or methoxy;

m is 1 and R⁴ is at the para position; or m is 1 and R⁴ is at the ortho position; or m is 2 and one R⁴ is at the para position, and the other is at the ortho position;

n is 0; and

R⁶ is H or methyl.

25 8. A compound of Claim 7 wherein:

R² is methyl;

R³ is Br, Cl or F;

each R⁴ is independently Br, Cl or F;

m is 1 and R⁴ is at the para position; or m is 1 and R⁴ is at the ortho position; or m is 2 and one R⁴ is at the para position, and the other is at the ortho position; and

R⁶ is H.

9. A compound of Claim 1 which is selected from the group:

4-(2-bromo-4,6-difluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,

3-chloro-4-[5-[(2-chloro-4-fluoro-6-nitrophenyl)amino]-1,3-dimethyl-1*H*-pyrazol-4-yl]benzonitrile,

N-(2-chloro-4-fluoro-6-nitrophenyl)-4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-1*H*-pyrazol-

5-amine,
4-(2-chloro-6-fluorophenyl)-*N*-(2-fluoro-4-methoxy-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2,4-difluorophenyl)-*N*-(2-fluoro-4-methoxy-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-bromo-4-fluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4,6-difluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-3-ethyl-1-methyl-1*H*-pyrazol-5-amine,
N-(2-chloro-4-fluoro-6-nitrophenyl)-4-(2-chloro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(2-fluoro-4-methyl-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(4-fluoro-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2,4-difluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
N-(4-chloro-2-fluoro-6-nitrophenyl)-4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine and
3-chloro-4-[5-[(2-fluoro-4-methyl-6-nitrophenyl)amino]-1,3-dimethyl-1*H*-pyrazol-4-yl]benzonitrile.

10. A compound of Claim 8 which is selected from the group:

4-(2-bromo-4-fluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4,6-difluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-3-ethyl-1-methyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(2-fluoro-4-methyl-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine,
4-(2-chloro-4-fluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine
and
4-(2,4-difluorophenyl)-*N*-(2-fluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine.

11. A fungicidal composition comprising (a) a compound of Claim 1; and (b) at least one other fungicide.

12. A fungicidal composition comprising (a) a compound of Claim 1; and (b) at least one additional component selected from the group consisting of surfactants, solid diluents and liquid diluents.

13. A method for controlling plant diseases caused by fungal plant pathogens comprising applying to the plant or portion thereof, or to the plant seed, a fungicidally effective amount of a compound of Claim 1 or a compound selected from

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(2,4-difluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-*N*-(2-nitrophenyl)-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-*N*-(2,4-difluoro-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-3-ethyl-1-methyl-*N*-(2-nitrophenyl)-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1-methyl-*N*-(2-nitrophenyl)-3-(trifluoromethyl)-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(2-methoxy-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-*N*-(2-methoxy-6-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(2-chloro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(2-chloro-3-fluoro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-*N*-(2-methyl-6-nitrophenyl)-1*H*-pyrazol-5-amine;

N-(2-bromo-4-fluoro-6-nitrophenyl)-4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-*N*-(4-methoxy-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(4-fluoro-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-*N*-(4-methoxy-2-nitrophenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(4-chloro-2-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-*N*-[2-nitro-4-(2-propyn-1-yloxy)phenyl]-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-*N*-[2-nitro-4-(2-propen-1-yloxy)phenyl]-1*H*-pyrazol-5-amine;

N-(4-bromo-2-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine;

N-(4-chloro-2-fluoro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-

dimethyl-1*H*-pyrazol-5-amine;

3-chloro-4-(2-chloro-4-fluorophenyl)-*N*-(2,4-difluoro-6-nitrophenyl)-1-methyl-1*H*-pyrazol-5-amine;

4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-*N*-[4-methyl-2-nitrophenyl]-1*H*-pyrazol-5-amine;

4-(2-chloro-4-fluorophenyl)-1,3-dimethyl-*N*-(4-methyl-2-nitrophenyl)-1*H*-pyrazol-5-amine; and

N-(4-bromo-2-fluoro-6-nitrophenyl)-4-(2,6-difluoro-4-methoxyphenyl)-1,3-dimethyl-1*H*-pyrazol-5-amine.

14. A method for protecting a plant from a *Septoria* disease comprising applying to the plant or portion thereof, or to the plant seed, a fungicidally effective amount of a compound of Claim 1.