

NDSU Plant Diagnostic Lab – Periodic Report, January 1-May 20, 2009

Routine diagnoses, January 1 through May 20, 2009 (seed health, phytosanitary, and research samples are excluded). Please note the confidence level of the diagnosis – this column indicates the status of a pest or pathogen. Categories include 'not detected,' 'suspected,' and 'confirmed.'

State	County	Host/Habitat	Diagnosis	Confidence level
MN	Anoka	Household mold ID request (sheetrock)	Unidentified abiotic substance (mold not detected)	Confirmed
MN	Becker	Blue Spruce (<i>Picea pungens</i>)	Trunk Girdling	Suspected
MN	Becker	Blue Spruce (<i>Picea pungens</i>)	Winter Injury	Confirmed
MN	Clay	Spruce (<i>Picea</i> spp.)	Winter Injury	Suspected
ND	Benson	Spruce (<i>Picea</i> spp.)	Mechanical Damage	Confirmed
ND	Burleigh	Blue Spruce (<i>Picea pungens</i>)	Chemical Injury	Suspected
ND	Burleigh	Blue Spruce (<i>Picea pungens</i>)	Root Damage	Suspected
ND	Burleigh	Ponderosa Pine (<i>Pinus ponderosa</i>)	High Soluble Salt	Suspected
ND	Burleigh	Ponderosa Pine (<i>Pinus ponderosa</i>)	Pine Needle Scale (<i>Chionaspis pinifoliae</i>)	Confirmed
ND	Burleigh	Ponderosa Pine (<i>Pinus ponderosa</i>)	Winter Injury	Suspected
ND	Burleigh	Spruce (<i>Picea</i> spp.)	High Soluble Salt	Suspected
ND	Burleigh	Spruce (<i>Picea</i> spp.)	Winter Injury	Suspected
ND	Cass	Blue Spruce (<i>Picea pungens</i>)	Stigmata Needle Blight (<i>Stigmata lautii</i>)	Confirmed
ND	Cass	Butterfly-bush (<i>Buddleia</i> spp.)	Fusarium Wilt (<i>Fusarium oxysporum</i>)	Confirmed
ND	Cass	Corn (<i>Zea mays</i>)	Various storage mold fungi	Confirmed
ND	Cass	Corn (<i>Zea mays</i>)	Wheat Streak Mosaic	Not Detected
ND	Cass	Gaura (<i>Gaura</i> spp.)	Thrips (<i>Frankliniella</i> sp./spp.)	Confirmed
ND	Cass	Household Mold ID Request (sheetrock, wood trim)	Black Mold (<i>Stachybotrys</i> species)	Confirmed
ND	Cass	Norway Maple (<i>Acer platanoides</i>)	Mechanical Damage	Suspected
ND	Cass	Norway Maple (<i>Acer platanoides</i>)	Sunscald	Suspected
ND	Cass	Ponderosa Pine (<i>Pinus ponderosa</i>)	Winter Injury	Confirmed
ND	Cass	Prunus species	Black Knot (<i>Apiosporina morbosa</i>)	Suspected
ND	Cass	Rye	Black Point (<i>Alternaria</i> species)	Confirmed
ND	Cass	Rye	Black Point (<i>Bipolaris sorokiniana</i>)	Confirmed
ND	Cass	Spruce (<i>Picea</i> spp.)	Fall Needle Drop	Suspected
ND	Cass	Spruce (<i>Picea</i> spp.)	Insufficient Light	Suspected

NDSU Plant Diagnostic Lab, Periodic Report January 1-May 20, 2009, continued:

State	County	Host/Habitat	Diagnosis	Confidence level
ND	Cass	Turfgrass (mixed)	Anthrachnose (<i>Colletotrichum</i> sp./spp.)	Confirmed
ND	Cass	Turfgrass (mixed)	Bentgrass (<i>Agrostis</i> sp./spp.)	Confirmed
ND	Cass	Turfgrass (mixed)	Dense Thatch Layer	Confirmed
ND	Cass	Turfgrass (mixed)	Environmental Stress	Suspected
ND	Cass	Turfgrass (mixed)	ETRI Ectotrophic Root Infecting Fungi	Confirmed
ND	Cass	Turfgrass (mixed)	ETRI Ectotrophic Root Infecting Fungi	Confirmed
ND	Cass	Turfgrass (mixed)	ETRI Ectotrophic Root Infecting Fungi	Suspected
ND	Foster	Blue Spruce (<i>Picea pungens</i>)	Winter Injury	Suspected
ND	Foster	Blue Spruce (<i>Picea pungens</i>)	Winter Injury	Suspected
ND	Foster	Ponderosa Pine (<i>Pinus ponderosa</i>)	Fall Needle Drop	Suspected
ND	Foster	Ponderosa Pine (<i>Pinus ponderosa</i>)	Salt Damage	Suspected
ND	Golden Valley	Domestic Apple	Bagworm Moths (Family Psychidae) – larvae present	Confirmed
ND	Golden Valley	Ponderosa Pine (<i>Pinus ponderosa</i>)	Pine Tip Moth injury (<i>Rhyacionia</i> species)	Suspected
ND	Mchenry	Blue Spruce (<i>Picea pungens</i>)	Yellowheaded Spruce Sawfly injury (<i>Pikonema alaskensis</i>)	Suspected
ND	Mountrail	Black Hills spruce (<i>Picea glauca densata</i>)	Winter Injury	Suspected
ND	Nelson	Tomato (<i>Lycopersicon esculentum</i>)	Ethylene Exposure	Suspected
ND	Ramsey	Blue Spruce (<i>Picea pungens</i>)	Insufficient sample	Confirmed
ND	Renville	Blue Spruce (<i>Picea pungens</i>)	Winter Injury	Suspected
ND	Towner	Tomato (<i>Lycopersicon esculentum</i>)	Ethylene Exposure	Suspected
ND	Williams	Plant ID Request	Smooth Brome (<i>Bromus inermis</i>)	Confirmed
ND	Williams	ID Request	Slow Release Fertilizer Pellets	Suspected
ND	Williams	Spruce (<i>Picea</i> spp.)	Winter Injury	Suspected