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Rating of leaf injury due to boron toxicity in barley (adopted from Kluge and Podlesak, 1985 -Appendix A)

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Appendix A

Rating of leaf injury due to boron toxicity in barley (adapted from Kluge and Podlesak, 1985)

1. No visual damage.
2. Dirty white necrosis of leaf tip.
3. Dirty white necrosis and brown spot necrosis of leaf tip.
5. Brown point and area necrosis, mainly on the leaf margin of upper 1/3 of leaf, with approximately 1 cm of leaf tip dirty white necrotic.
7. Brown point and area necrosis of about 2/3 of leaf area with only the leaf base free. About top 1/3 of leaf is dirty white necrotic.
9. Strongly developed brown point and area necrosis of whole leaf. About 1/2 of leaf area from tip downwards is dirty white necrotic.
10. Strongly developed brown point and area necrosis of whole leaf. Whole leaf to base is dirty white necrotic.

Appendix B

Rating of leaf injury due to boron toxicity in wheat and oats (devised Riley, 1986)

1. No visual damage.
2. Dirty white necrosis of leaf tip.
3. Dirty white necrosis of about 1 cm of leaf tip.
4. Dirty white necrosis of about 1 cm of leaf tip, and white chlorotic patches mainly on margins of upper 1/4 of leaf.
5. Dirty white necrosis of about upper 1/4 of leaf, and white chlorotic patches mainly on margins of upper 1/2 of leaf.
7. Dirty white necrosis of about upper 1/2 of leaf, and white chlorotic patches mainly on margins of upper 3/4 of leaf.
9. Dirty white necrosis of about upper 3/4 of leaf, and chlorosis of remaining leaf to base.
10. Whole leaf to base is dirty white necrotic.