Rhizoctonia solani - Root Rot

Ilex crenata ‘Compacta’

One-sided die-back of I. crenata ‘Compacta’ affected by *R. solani*.

*R. solani* affected leaves.

Water from roof may have helped to exacerbate the problem.

*Ilex crenata* ‘Compacta’ affected by *R. solani*, root rot. Excess water is a major cause of this disease. Record breaking rainfall was recorded in June. Note die-back on one side of plant. *R. Solani* primarily attacks below ground parts such as seeds, hypocotyls, and roots, but is also capable of infecting above ground parts (e.g. pods, fruits, leaves and stems). The most common symptom of Rhizoctonia disease is referred to as “damping-off” characterized by non germination of severely infected seeds.

**Control:** Reduce irrigation. Drenches of products containing thiophanate methyl (Banrot, Cleary 3336, Fungo, SysTec-1998), Heritage, Medallion, Contrast 70WSP, Terraclor, PCNB, Terraguard or myclobutanil (Immunox) may help to control this disease.

**Memo:** Always follow label rates and recommendations when using pesticides. Test spray new pesticides or pesticides new to your yard/facility on a small scale to check for plant safety before widespread use.