WINTER GOLF COURSE MANAGEMENT

REFERENCES YOU CAN USE

For Course Officials and Golfers

Multimedia:
- **Severe Winter is Impacting Courses Across the Country** – Live webcast recorded 3.14.14 where USGA agronomists weigh in on how winter weather is taking its toll on golf facilities.
- **Frost Delay Video** – Course-care video explains frost delays to golfers (also available in Spanish).

Articles:
- **Winter Is Not ‘Down Time’ on the Golf Course** – What goes on at your golf facility during the winter? The number of duties and projects may surprise many golfers.
- **Playing Par with Jack Frost** – Why winter play and traffic can be so problematic for turf.
- **Politics, Religion and Winter Play on Greens** – Few subjects raise such an emotional response from golfers and superintendents alike than winter play. Who’s right?
- **Too Hot To Handle** – Factors to consider and possible repercussions for winter play on greens. Is it worth the risk?

Our Experts Explain:
- **Using Synthetic Practice Tees for Winter Play** – Synthetic turf has come a long way in recent years and is a viable alternative when turfgrass is dormant and unable to support play.
- **Continuous Snow Coverage on Putting Greens** – Learn why snow isn’t necessarily a bad thing for golf course turf, but ice can be a different story.
- **Explaining Frost Delays** – A brief explanation of why frost delays are necessary.

For Golf Facilities

Multimedia:
- **Sampling Greens for Winterkill** – Webcast on how to sample turf for winter evaluation.
- **Using Winter Protective Covers on Greens** – Webcast on covering Poa annua greens.
- **Out From Under Winter Covers** – Podcast on when to remove covers from putting greens.
- **Winter Hole Management** – Webcast on managing holes on dormant bermudagrass greens.
- **Winter Drainage Installation** – Webcast on a method to install drainage during winter.
- **Painting Fairways** – Webcast on painting fairways for winter play on bermudagrass.
For Golf Facilities (continued)

Articles:
- **The Greatest Challenge** – Coping with winter weather is no easy task for northern courses.
- **Instant Overseeding** – Turf colorants are a capable replacement for overseeding fairways.
- **A New Hue** – A guide to using turf colorants in the Southwest.
- **Winter Damage** – Mother Nature is beyond our control, but there are variables that can be controlled to minimize the potential for winter turf loss.
- **Ultradwarfs in the Off-Season** – With proper care, ultradwarf bermudagrass putting greens do not miss a beat in the winter.
- **Snow Way** – Snow removal from greens is common practice in the Rocky Mountains.
- **Winter Protection of Annual Bluegrass Golf Greens** – How covers can reduce damage.
- **Have an "Ice" Day** – A common-sense approach on what to do about ice cover on greens.
- **Drawing the Line on Winter Play** – Marking fairways with borderlines of dye helps define fairways for winter rules.
- **Winter Covers** – Are they for you?
- **Recipe for Rapid Recovery from Winter Injury** – What to do if you have only 40 days to get the course ready for a championship?
- **Winter-Kill!** – Learn why winterkill is a catch-all term to describe turf damage during winter.
- **Recovery for Winter-Injured Greens** – Damage has occurred, now what?
- **Putting Greens** – Dealing with snow and ice accumulations.

Research:
- **Annual Bluegrass is Prone to Winter Injury**
- **Early Physiological Changes in Cold Deacclimation of Annual Bluegrass and Bentgrass**
- **Physiological Factors Associated with Perennial Ryegrass Freezing Tolerance**
- **Recent Progress in Turf Bermudagrass Breeding Research at Oklahoma State University**
- **Investment Yields Bermudagrass Cultivars with High Quality and Improved Cold Hardiness**
- **Bermudagrass Freeze Tolerance**
- **Bermudagrass Cultivars with High Quality and Improved Cold Hardiness**
- **Winter Survival of Seeded Bermudagrass**
- **Cold Hardiness of Inland Saltgrass**
- **Spring Dead Spot: A Major Bermudagrass Disease**
- **Exploring the Use of PGRs to Reduce Winter Injury on Annual Bluegrass**