



JACKLIN[®] S E E D

by **Simplot**

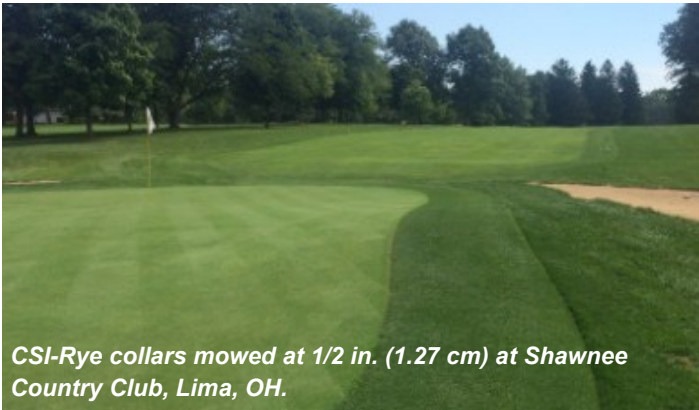
Research Newsletter

Volume 20, Issue 1

February, 2017

Research Shows Spreading Ryegrasses May Reduce Poa Infestation

The fight against *Poa annua* (annual bluegrass) contamination is a continuous battle that includes a combination of cultural and chemical practices, but does cultivar selection have an effect? Researchers in Italy say it may. A study specifically looked at two types of spreading *Lolium perenne* (perennial ryegrass) versus two traditional varieties. The researchers wondered if creeping type perennial ryegrasses would be more competitive against *Poa annua*. They chose Jacklin's CSI spreading ryegrass to help answer that question.



CSI-Rye collars mowed at 1/2 in. (1.27 cm) at Shawnee Country Club, Lima, OH.

The researchers planted plots of perennial ryegrass in October 2012, and once the plots were completely established, sowed annual bluegrass seed into a marked area in the middle of each plot. They also sowed annual bluegrass into bare ground as a control. Beginning in February 2013, annual bluegrass seedlings were pulled from each plot and counted weekly. The study was repeated in 2013-2014, and the results over 2 years confirmed that CSI and the other creeping ryegrass were more competitive against *Poa annua* than the traditional varieties. The study concluded that the creeping types of perennial ryegrass may reduce annual bluegrass infestation (Masin, Macolino 2016). The full study, "Seedling Emergence and Establishment of Annual Bluegrass (*Poa annua*) in Turfgrasses of Traditional and Creeping Perennial Ryegrass," can be found in the January-March 2016 issue of *Weed Technology* (2016 30:238-245). 🌱

Did you see our grass?

Where:

Oak Meadows Golf Course in Addison, IL

What:

T-1 bentgrass on tees, greens and fairways; Jacklin elite bluegrass in the roughs; Scottish Links in the out of play areas

When:

These pictures from September, 2016 show the late-summer seeded T-1 filling in on the fairways and tees



The Oak Meadows Golf Course has been undergoing a major transformation and is set to re-open this summer for play. The renovations have been chronicled by the local news station, WGN, and the [broadcast](#) on November 20, 2016 details the extensive work to improve the golf course. In addition the renovation will create better wildlife habitat, improve water quality, and provide increased capacity for storm water retention. Oak Meadows is a beautiful example of how golf course design can be combined with good land stewardship and community environmental improvements. 🌱

Product Update: Summer Tall Fescue Interseeding

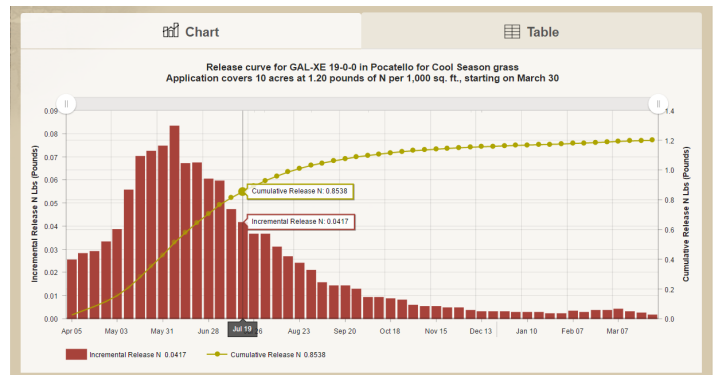


This Kentucky bluegrass/perennial ryegrass rough at The Inverness Club was infested with bentgrass, so superintendent Chad Mark applied a burn down application of Tenacity® before and just after seeding Summer tall fescue. Four weeks later, the Summer tall fescue is well established.

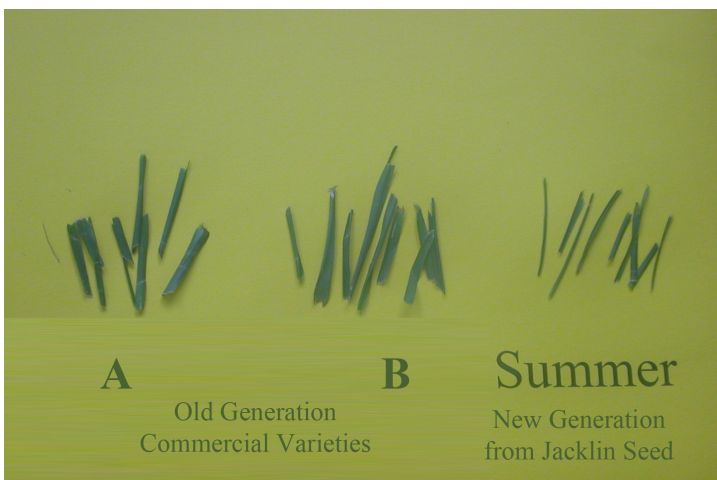
Summer is from our new generation of extremely fine textured tall fescues and its popularity is growing among turf producers and golf course superintendents. Summer's fine texture allows it to blend well with perennial ryegrass and Kentucky bluegrass, which makes it a great option for inter-seeding. Several elite tournament courses recently did just that, among them The Inverness Club, Toledo, Ohio. The superintendent, Chad Mark, needed something that would blend into the existing stand of bluegrass and perennial ryegrass. Summer was a perfect option since it offers the benefits of tall fescue, like improved disease, traffic, drought and shade tolerance, with fine texture and dark color to blend with the other grasses.

Explore NASA Technology with GAL-Xe^{ONE} Curve

Simplot **GAL-Xe^{ONE}** is a controlled-release fertilizer with a new, advanced polymer coating technology that effectively controls nutrient release over an extended period. The proprietary reactive layer coating was created with support from **NASA's Space Alliance Technology Outreach Program**. **Launch** the Curve time-release calculator on the Gal-Xe One website to see the unique technology and how it can help you. Details about the NASA partnership that led to the development of GAL-Xe One can be found in this [article](#) from NASA's Spinoff Magazine.



An example of the Galaxy Curve app, which allows users to input information on turf type (warm or cool-season), goals (greening, hold color, etc.), application date, location, and fertilizer type. The Curve shows you how much product you need, at what rate, and the amount of N released over time, with cumulative and incremental totals by date. The app makes it easy to follow the 4R's of nutrient stewardship: the right nutrient, at the right rate, at the right time, in the right place.



Leaf Texture Trial, Mowed at 1.25" (3.175cm)



Scan for more Jacklin Research News.