RYEGRASS FAIRWAY CONVERSION TO BERMUDAGRASS
Sample Schedule - Approximate Dates
A. J. Powell, Jr., Extension Turfgrass Specialist

SPRING If anticipating bermuda seeding, DO NOT apply crabgrass preemergence herbicide in spring. However, if sprigging, it is safe to apply Ronstar (oxadiazon) for crabgrass control.
- Soil Test each fairway, then apply approximately 50# N/Acre and the recommended phosphorous, potassium and lime.
- Contour fairways and stake fairway outline for easier spraying.
- Purchase seed (Riviera or Savannah) OR contract for sprigs (Quickstand or Midlawn). Go to www.uky.edu/ag/ukturf for other possible varieties.

JUNE 1 Apply 2 - 4 quarts/Acre of RoundUp Quick Pro Herbicide to kill ryegrass
JUNE 3 Aerate fairways with hollow-tine aerifier; holes made on 2-3 inch centers. May require several passes with fairway type aerifier.

JUNE 4 Close course for play and begin establishment.
Row plant Sprigs at 600 to 800 bushels/Acre. Immediately follow with soaking irrigation. Keep VERY wet for approximately 2 weeks and until dead-looking sprigs begin to green up. On hot sunny days, 2 or 3 daily irrigations may be required for surface sprig survival.
OR
Seed bermuda. Broadcast approximately 20 lbs/Acre of seed, then slit (no-till) seed about 20 lbs/Acre. (The vertical blades on the slit-seeder will groove the soil surface and break up the aerifier plugs.)
- If using coated seed, double the above seed rate.
- Drag fairways with heavy chain drag or mat, before watering, to work as much seed as possible into the dead/dying canopy.
- Irrigate sufficiently to keep surface moist for quick germination. Germination should occur within 5 to 14 days.

JUNE 18 For sprigged fairways, allow to dry out enough to not cause ruts when fertilizing or mowing. Begin nitrogen (N) applications using urea (46-0-0) or ammonium nitrate (34-0-0). Apply 50 lbs actual N per acre every one to three weeks. As bermuda cover approaches 90%, stop N applications to allow bermuda to harden off before cold weather.
- For seeded fairways, wait until most seed has germinated before reducing irrigation frequency. Apply nitrogen (N) as suggested above, every 2 to 3 weeks until seedlings start to mature, and stolons begin to develop and fill in the canopy. As bermuda cover approaches 90%, stop N applications to allow bermuda to harden off before cold weather.

JUNE 20 If crabgrass begins to cover over the new bermudagrass, spray MSMA at about 1 lb ai/Acre if new grass is only a few days old, or at 2 lbs ai/Acre if new grass is growing and is 2-3 weeks old. Repeat with 2 lbs ai/Acre after 7 to 10 days. Additional MSMA repeats may be necessary in July or early August. Most broadleaf weeds will also be controlled with MSMA. If broadleaf weeds do
survive, consider applying a herbicide such as Trimec Classic.

**JUNE 30** As some of the new bermuda grows above approximately 1 inch high, begin mowing at approximately one inch; because of nitrogen forced growth, a mowing frequency of 2 to 3 times per week may be required.

**JULY 15** When bermuda coverage reaches 75%, if absolutely necessary, open course for limited play. Keep carts in roughs until 100% covered, and preferably until green-up the following spring.

**SEPT 1** Raise height to 1.5 inches or higher. Additional mowing may not be needed.

**OCT - DEC DO NOT** overseed with perennial ryegrass the first fall following establishment.

This is especially true if using seeded bermuda, or if less than 100% bermuda coverage is achieved. Apply approximately 80 lbs of K₂O per Acre (130 lbs/Acre of muriate of potash, 0-0-60).