

## Reducing *Poa annua* on Your Golf Course a GCSAA webcast with Fred Yelverton, Ph.D.

Please use complete and return the quiz below if you need CECs. Upon successful completion, we will return a Certificate of Completion that you can forward. You can send this completed page to us at:

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Name: \_\_\_\_\_ Member #: \_\_\_\_\_

Phone Number or Email (in case we need to contact you): \_\_\_\_\_

1) *Poa* makes management on putting greens difficult in part because mixed biotypes have different growth habits and can complicate greens management.

True      False

2) *Poa* is a very

- a) heat tolerant species.
- b) drought tolerant species.
- c) winter tolerant species.
- d) none of the above.

3) Biologically, it is easier to take a cool-season weed out of a cool-season turf than out of a warm-season turf.

True      False

4) *Poa annua* identification includes using characteristics such as:

- a) boat-shaped left tip
- b) folded vernation
- c) white seedheads
- d) all of the above.

5) Perennial and annual are completely different biotypes.

True      False

6) Annual biotypes

- a) grow from seeds.
- b) reproduce either sexually or asexually.
- c) grow only from stolons.

7) Conditions that promote *poa annua* growth include all of the following EXCEPT

- a) wet conditions
- b) compact soil
- c) high N fertilization
- d) pH in the 5.5 – 6.0 range

8) Maximum root growth was shown to be in the 26°C (upper 70°F) temperature range for bentgrass as well as for *poa*.

True      False

9) Bentgrass is more heat tolerant than *Poa*.

True      False

10) *Poa* is highly adaptive and germinates over a narrow range of conditions.

True      False

11) Sulfonylurea herbicides are mobile and will move to other areas.

True      False

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12) Research discussed shows Specticle really works well on cool-season grasses.

True      False

13) Using products to remove *poa* prior to overseeding works

- a) better when done early in the season.
- b) better when done later in the season.

14) Velocity provides good control of *poa* but often causes discoloration.

True      False

15) GA inhibitors strengthen the pathway and inhibit elongation in the plant.

True      False

16) Biomass reduction with paclobutrazol at ¼ lb active

- a) reduced *poa* 60%
- b) reduced bentgrass 30%
- c) both
- d) neither

17) Primo worked well to control *poa* in bentgrass.

True      False

18) Paclobutrazol has a consistent impact regardless of *poa* biotype.

True      False

19) Methiozolin (PoaCure) is the new silver bullet for *poa annua* control and will make resistance a thing of the past.

True      False

20) Returning this exam to GCSAA with a score of 70% or better will result in generation of a Certificate of Completion which can be used for CECs in Canada.

True      False