

sis of Bent and Bent mixtures. Present space does not permit a recital of golf tragedies that are the result of these faulty analyses. In our chapter on Bent, a few cases will be given.

For the benefit of those who wish to study the seed characteristics we are giving them.

Description of Redtop Seed

The seed of *Agrostis alba* (Redtop) is larger than the seed of any of the Bents. The lemma is yellowish, thick and glazed. The prickles near the apex are not more than one-quarter the distance from the apex. The apex is pointed, the base hairs long and fairly spreading, the palea is broad and two-veined. The adherent type of palea is generally wrinkled. The palea tip is not rounded. The prevailing condition of the palea tip is truncate or broadly notched. The hilum is usually long, slender and dark, linear, not wedge-shaped and elevated. While the seeds of Redtop are sometimes awned, the awn is very rarely below the middle and very rarely long or twisted.

Weed Seeds Commonly Found in Redtop

Achillea millefolium
Potentilla monspeliensis
Cerastium vulgatum
Plantago rugelii
Juncus tenuis
Anthemis cotula
Rudbeckia hirta
Panicum lanuginosum
Eleocharis obtusa
Silene antirrhina
Rumex acetosella
Chrysanthemum leucanthemum
Panicularia nervata
Agrostis elliottiana
Scripus sp.
Plantago major
 Yarrow
 Cinquefoil
 Mouse-ear chickweed
 Blackseeded plantain
 Slender rush
 Mayweed
 Browneyed Susan
 Hairy panicum
 Blunt spike rush
 Sleepy catchfly
 Sorrel
 Oxeye daisy
 Nerved manna grass
 Plantain

The presence of certain of the above weeds in a sample of *Agrostis* indicates American Redtop.

The next article will be devoted to *Agrostis Vulgaris*—Rhode Island Bent.

GREENKEEPER'S ALMANAC

MARCH

By JOHN MACGREGOR
Chicago Golf Club

THERE may be some painting to be done yet, tee boxes, benches, buildings.

* * *

It is not wise to do much tree pruning now, as the sap has started to flow on some trees, but dead wood can still be cleaned out.

* * *

Burn the rough, and kill innumerable weed seeds, and make the rough a pleasure to cut. It is hard to cut dead grass, and you will find the grass has a healthy hue after burning.

* * *

If fertilizing is to be done, do it before the frost leaves the surface, as this eliminates unsightly ruts caused by machinery and the early rains will carry the fertilizer to the roots.

* * *

See that the compost is in shape for the first top-dressing. In some states top-dressing and watering never ceases.

* * *

You will have bought your new equipment at the Golf Show, so that you will be "rarin'" to go at the first sign of spring.

* * *

If the regular greens are kept open all winter, be careful to keep players off the greens for a week or more until the frost is out, as much damage can be done at this time.



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