

is inexcusable." He advised that tees be cut fairly short.

With regard to fairways, he pointed out that the "esthetic view of a golf course hinges on the fairway appearance." And, "the golfer wants a lush-stand and a short cut on fairways."

Speaking about the rough, Chandler said it is supposed to be a handicap to the golfer, but it shouldn't be an over-severe handicap. He added that a rough cut too long slows play.

He pointed out that an attractive entrance is one of the most important areas of the course. He urged that unusual characteristics of the course be maintained and kept neat. Lakes should be kept clean, and weeds around lakes and ditches should be kept down.

#### Advocates Automatic Sprinklers

Robert L. Rugar, representative of Rainy Sprinkler Sales, Peoria, Ill., advocated installation of automatic sprinkling systems on golf courses when possible.

Advantages of such systems, he said, were that they eliminate enough labor to justify the cost, add prestige to the course, and maintenance men have complete control over the watering program.

An automatic watering system, Rugar pointed out, should be designed by a competent, experienced engineer. The contractor should also be competent and qualified.

Robert W. Schery, director, The Lawn Institute, Marysville, O., speaking about various mulches for use in seeding turf, said the material to be used should be judged on the basis of "one's individual situation."

He suggested that factors to consider in selecting mulch material are its cost, application costs, appearance, and possibly proximity to the source of supply. He pointed out the merits of some mulches such as fibers, netting, films, and plastic sprays.

Hemphill, in a talk on what is new in weed control, stated that "combinations of various chemicals have real merit." His

## Know Your Species

### POKEWEED

(*Phytolacca americana*)



Pokeweed or pokeberry is a perennial and reproduces by seed. This plant may be a pest in open woodlands and is usually found on deep, rich, gravelly soil. It may also be found in pastures, along roadsides, fence rows, field borders, and other generally low areas.

Locally, people may call this plant inkberry, Virginia poke, or red ink plant. Leaves and berries, and especially the root of this plant are poisonous.

Pokeweed may grow to 9 feet tall. The stems (2) are smooth and rather flimsy. Plant juices give the stem a reddish hue. The stems die back to the ground each winter. The lower part of stems may have some persistent woody tissue.

Leaves are alternate on the stem. They are ovate to pointed with no teeth or lobes. Leaves are largest near the bottom, and as the leaf petiole gets longer near the top of the plant, leaves become smaller. They have no hairs and are smooth.

The taproot (1) is fleshy and white. It may be 6 inches in diameter in old plants. It is the most poisonous part of this plant.

Flowers (3) are small and white. They have no true petals but there are 5 white sepals which are petal-like. Flowers bloom on a stalk called a raceme (ra as in rabble, seem). First blooms start nearest the stem and continue blooming as the raceme gets longer. Fruits are dark purple berries which have a crimson juice. Each berry has several radiating depressions (4) on the outer side. There are many seeds in each fruit.

Seeds (5) are small black discs,  $\frac{1}{8}$  inch in diameter.

Sprays of 2,4,5-T and silvex are more effective than 2,4-D. Repeated sprays will control this plant selectively. It can be killed by most nonselective weed sprays.

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