

Turgeon, A.J. (ed.): **Turf Weeds and Their Control**. - Crop Science Society of America, American Society of Agronomy, Madison 1994. 248 pp.

The publication completely reviews the problems of weed control in turfs. It is a work of twelve authors who are industry and university leaders in their respective subject matter areas. It contains eight chapters. The first one is devoted to weed taxonomy. More than one hundred taxa of grass, grass-like and broadleaf plants from temperate, subtropical and tropical zone are described there and the text is supplemented with colour photos. The description contains also their ecological requirements, origin and the regions of their common occurrence. The second chapter is devoted to turfgrass weeds ecology. The next one describes the herbicide action and metabolism and contains also the list of forty herbicides and their combination registered for turfgrass use with their trade name, way of use, and chemical structure. The fourth chapter analyses turfgrass phytotoxicity from different types of preemergence herbicides. It is supplemented by very good microphotos and pen-and-ink drawing of root tissues of normal, healthy and herbicide treated plants. Fate processes of all types of turf herbicides are explained in details in the fifth chapter. The last three chapters are more practical than the first part of the book. They describe herbicide formulation technology, application technology - the types of sprayers, their spray patterns, calibration procedures with spray tips, drift control, mixing of the ingredients, maintenance of the sprayers, *etc.* The granular application equipment is mentioned too. The last chapter is devoted to the control of turfgrass weeds - to the prevention, cultural mechanical, biological and chemical nonselective and selective weed control of different types of stands. The publication would be very useful for everybody who is interested in turfgrass establishing and maintenance on the scientific and practical level as well as for the specialist for the weed control.

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