

Weed Control Update

By

James A. McAfee, Ph.D.

Associate Professor and Extension Turfgrass Specialist

Weed=Definition

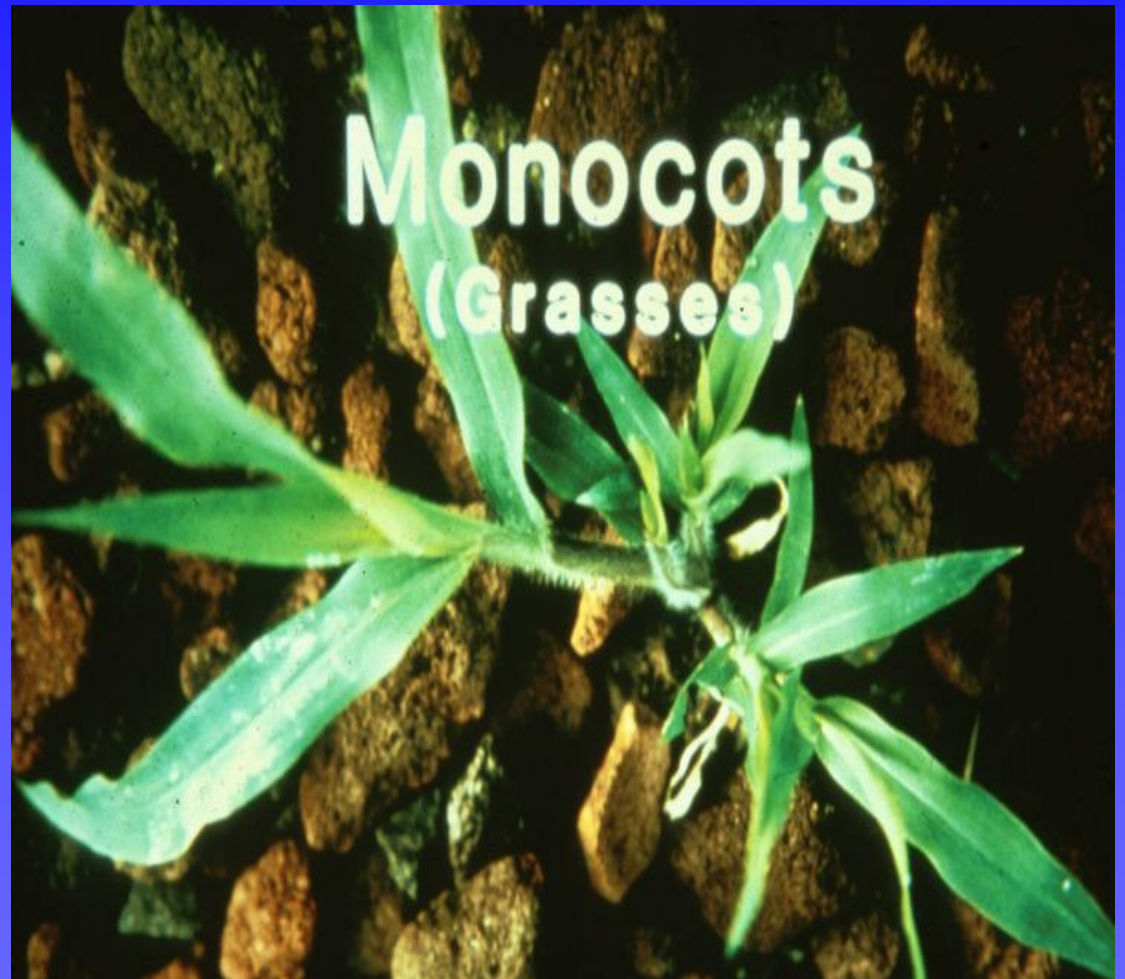
- Undesired Plant
- Unwanted Plant

Types of Weeds

- › Broadleaf Weeds
- › Grassy Weeds
- › Sedges

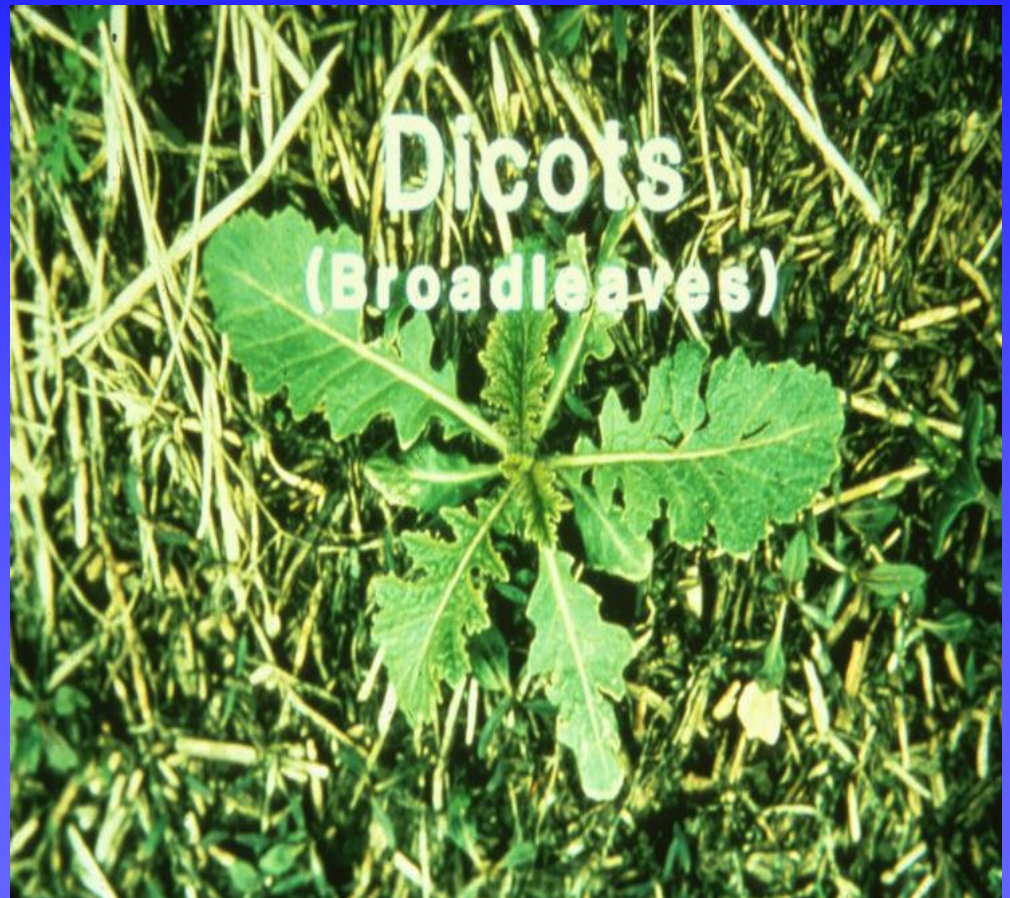
Monocots-Grasses

- hollow stem
- parallel veins in leaves
- flowers nondescript



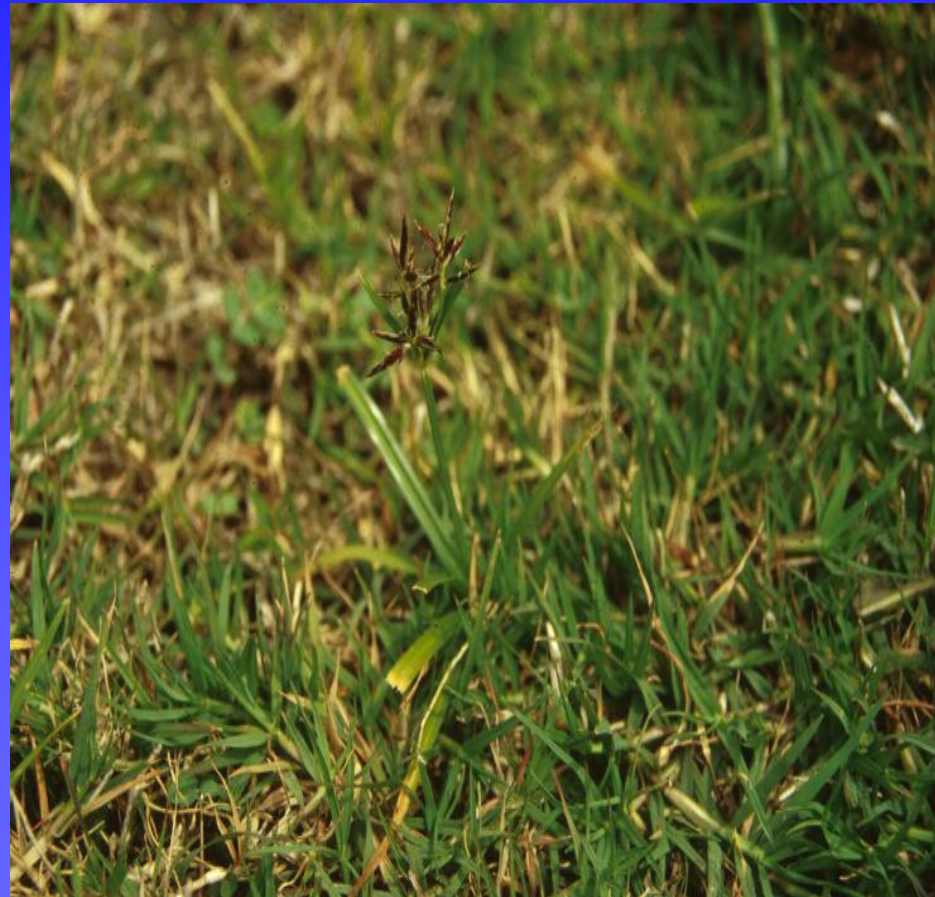
Dicot-Broadleaf

- round stem
- pithy material inside stem
- showy flower



Sedges

- Triangular stems
- Not a grass



Life Cycles

- › Annuals
 - Summer
 - Winter
- › Biennials
- › Perennials
 - Summer
 - Winter

Weed Potential





pre

no pre

DNA Herbicides – Root Injury



Pre-emergent Weed Control

- Timing of application is critical
- Water application in thoroughly
- Don't disturb herbicide barrier

Postemergent Weed Control

- Young, actively growing weeds
- Climatic conditions
- Low volume of spray application
- Addition of a surfactant helps

ERROR: stackunderflow
OFFENDING COMMAND: ~

STACK: