

# Turf Grass Demand and Priority on Irrigation Water

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## *Turf Grass:*

- 80 Million acres
- Largest irrigated crop
- ~ 50% of municipal treated water
- ~ 100 million residential lawns
- ~ 18,000 golf courses
- Sports fields, parks, highways, etc.





## *Some Problems:*

- High water demand by varieties
- Lack of drought tolerance
- Excessive water applications
- Excessive fertilizer applications
- Confusing irrigation controls





# *Dallas Center Turf Research Programs*

- Molecular and genomic basis for turf WUE and drought tolerance
- New water-efficient, drought-tolerant turf varieties for southern US
- Low Impact Development systems



# *Dallas Center Urban Water Programs*

- Training for municipal water professionals
- Education programs for schools
- Corporate education programs
- Education programs for citizens (including rain barrels)
- EPA WaterSense house



