

## BACKGROUND

- Water resources are very valuable and becoming scarcer.
- Possibility of drought increasing due to; access to quality water sources, cost of water, global warming & legislation.

## APPROACH

1. Maintain a good soil structure and composition.
2. Monitor water quality.
3. Maximise water absorbency in soil.
4. Help turf regulate water uptake & losses.
5. Develop good root system.
6. Maintain low salt levels in soils.
7. Aeration programme to encourage deep rooting.
8. Topdress with appropriate material to avoid layering and avoid irregular water movement.
9. Avoid topdressing during stress periods.
10. Use wetting agents to avoid hydrophobic conditions prior to onset of drought.
11. Raise height of cut where possible.
12. Use pedestrian operated instead of ride-on machinery.
13. Select drought resistant grass varieties.



## i-TURF SOLUTIONS

Product type	Why	Scotts solution
Wetting agents	Conserve water, make more available, encourage deeper rooting.	H2Pro, H2Pro Maximise
Potassium fertilizers	K regulates water loss.	Greenmaster: Double K, Invigorator
Slow release nitrogen & potassium fertilizers	Slow release N encourages harder and improved rooting. K regulates water loss.	Sierraform GT; Anti-Stress, K-Step
Calcium fertilizers	Harden cell wall strength.	Greenmaster Liquid; Ca-Booster
Low Salt Index fertilizers	Reducing salt input maximizes soil water available to turf.	All Scotts fertilizers use low salt index nutrients
Low chlorine content fertilizers	Minimize Cl- accumulation in leaf tissues that can increase risk of scorch and desiccation.	Any Scotts fertilizer
Plant growth regulator	Encourage greater root development.	Primo MAXX
Carbohydrate + seaweed biostimulant	Improve rooting prior to drought and aids turf recovery post stress.	Vitalnova / Greenmaster Blade