

## BACKGROUND

- Over-seeding into an existing sward is a very competitive environment for the new seedlings to establish in.
- The new seedlings need all the help they can get to ensure good establishment.
- Correct nutrition and water availability are critical for best results.

## APPROACH

1. Apply the optimum amount of nutrients with the correct release pattern to ensure the successful establishment of a grass stand from seed.
2. Nutrients should be released gradually (matching seedling tolerance to EC levels) in the very early stages.
3. Too much available nutrient (excess EC) at time of sowing will inhibit seed germination and establishment.
4. As the seedling establishes and growth begins, nutrient levels can increase, as the plant is able to tolerate higher EC levels.
5. Insufficient available nutrients after seed emergence will slow grass growth and canopy closure.
6. Good quality homogeneous fertilizer granulation will ensure even distribution of nutrients close to seed.
7. Minimise traffic following over-seeding where possible.
8. Open up surface with verticutting/scarifying prior to sowing.
9. Light frequent irrigation to maintain seedbed moisture.



## i-TURF SOLUTIONS

Product type	Why	Scotts solution
Conventional release fertilizer applied in advance of sowing	Nutrients are given time to move away from surface where seeds are sown.	Sportsmaster Pre-Seeder 08+12+08
Slow or controlled release fertilizer applied at time of sowing	Nutrients are spoon fed to the seed at an ideal rate to ensure good germination and strong growth.	Sierraform GT; Pre-Seeder 18+22+05 SierrablenPlus 3M; Renovator 20+20+08
Plant Growth Regulator	Apply to existing sward prior to sowing to give competitive advantage to new seed.	Primo MAXX
Wetting agent	Maintain soil moisture around seed to ensure best germination.	H2Pro
Carbohydrate + seaweed biostimulant	Encourage mycorrhizal activity for improved root development and nutrient uptake.	Greenmaster Blade