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products · one tank

Sigma Foundation Liquids

Spray tank mixing instructions

Sigma liquids go in first; your regularly scheduled spray is built on top of them. The program is compatible with normal spray mixes for your turf.

Weekly spray interval rates

Product	Rate per acre	Role
Sigma Bio	**11 oz**	Dormant inoculum
Sigma Molasses	**11 oz**	Short-term food: sugars
Sigma Microalgae	**22 oz**	Mid-range food: lipids, proteins
Sigma Biochar 5m	**22 oz**	Long-term home
Sigma Seaweed	**44 oz**	Long-term food: carbon, translocator
Sigma K-Ferm	**44 oz**	Bioactive K uptake

Seaweed and K-Ferm: 22–44 oz / acre. On a 14-day program use 2× these rates; 21-day, 3×; 28-day, 4×.

Compatibility. Watch for tank partners with a pH of 8 or higher in the original container: high pH separates Sigma Bio from its carrier.

Nutrition note. The Foundation liquids supply little N-P-K by design, so you stay in control of nutrient quantity. Continue your normal feeding.

Mixing order

1. **Fill the tank one-third** with water and turn on agitation.
2. **Add the Sigma Foundation liquids** in this order: Sigma Bio, Molasses, Microalgae, Biochar 5m, Seaweed, K-Ferm.
3. **Build your scheduled spray on top** of the Sigma liquids.
4. **Granular soluble or liquid nutrients** next.
5. **Then the W-A-L-E-S sequence:**

W	Wettable powders (WP), dry flowables (DF), water-dispersible granules (WDG / WG)
A	Agitation: start and keep active mixing throughout
L	Liquid flowables and suspensions
E	Emulsifiable concentrates (EC)
S	Surfactants and adjuvants (spreaders, stickers, oils)

Jar test new combinations. Water in within 36 hours.

Sigma Foundation Program products are not pesticides and do not replace fungicide, insecticide or nematicide programs; they are applied as a companion in the same tank. Always jar test, confirm state registration, and read and follow label directions.