



**HUMA  
GRO  
TURF**

Experiencing Nature's Science™

# ROOT DRIVER

Mix the following ingredients and apply to areas needing "Root Driver" treatment. Products can be applied once every 7 to 14 days as needed. Saturate the turf but do not flood.

Product Mix	Per 1,000 sq ft (per 100 sq m)	Per Acre (per Hectare)
<b>WATER PENETRATION AND RETENTION</b>		
<b>SURF-MAX®</b>	<b>0.5–0.75 ounces</b> (18–26 mL/100 m <sup>2</sup> )	<b>24–32 ounces</b> <b>per 80 gal solution</b> (2.0–2.5 L per 750 L solution)
A blend of nonionic surfactants powered by Micro Carbon Technology® (MCT) designed to improve both penetration and lateral movement of water (and water-carried nutrients) within the root zone and increase both soil moisture retention and nutrient uptake.		
<b>ROOT GROWTH</b>		
<b>BREAKOUT®</b>	<b>3 ounces</b> (105 mL/100 m <sup>2</sup> )	<b>1 gal/ac</b> (10 L/ha)
Accelerates lateral root growth and turf density with a unique biostimulant chemistry powered by MCT.		
<b>SOIL HEALTH</b>		
<b>FERTIL HUMUS®</b> (1 month)	<b>2 ounces</b> (70 mL/100 m <sup>2</sup> )	<b>2 qt/ac</b> (5.0 L/ha)
Powered by MCT, enhances aerobic decomposition of organic matter and builds a humus-rich soil. It releases nutrients tied up in organic matter and increases water penetration.		
<b>STRENGTH</b>		
<b>MULTI-PURPOSE™</b> (1 month)	<b>3 ounces</b> (105 mL/100 m <sup>2</sup> )	<b>1 gal/ac</b> (10 L/ha)
Powered by MCT, improves water retention and creates a healthy soil environment for maximum germination and plant survival.		
<b>BALANCED SOIL BIOLOGY</b>		
<b>ZAP®</b>	<b>6 ounces</b> (210 mL/100 m <sup>2</sup> )	<b>6 qt/ac</b> (15 L/ha)
Powered by MCT, enhances activity of beneficial microbes detrimental to soil-borne diseases and plant-parasitic nematodes, reduces susceptibility to secondary root infections, and improves root growth.		



Products contain **Micro Carbon Technology®**, a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.