



TECHNICAL DATA SHEET

Harvest-to-Harvest™ Accelerate Organic (1-0-0)

Harvest-to-Harvest™ (H2H™) is a stabilized food hydrolysate that is derived from recycled supermarket organics. The term “food hydrolysate” simply indicates that it is the product of the digestion of food with enzymes into a liquid bio-stimulant & fertilizer. During this process, the recycled food is heated, mechanically ground, and subsequently broken down by enzymes into its base compounds in solution. The resulting liquid is centrifuged, emulsified, and stabilized into our final product Harvest-to-Harvest™.

H2H contains a diverse range of beneficial chemistry, including simple sugars, amino acids, carboxylic acids, and other low molecular weight organic acids. This diverse range of chemistry provides a range of benefits to plants, soil, and native soil biology. H2H can be applied through drip systems, micro-sprinklers, or any other conventional means of irrigation. H2H can be blended with conventional fertilizers to aid in nutrient availability/mobility, promote microbial growth on applied soils, and to accelerate the release of nutrients from other sources of organic matter in the soil profile where it is applied.

Physical Data

Appearance	Brown liquid
Odor	Slight vinegar, musty odor
Density (Specific Gravity)	1.05 – 1.06
pH	3.0 – 3.2

Typical Analysis

Moisture Content	70 - 78 %
Organic Matter	20 - 25 %
Protein (Primarily amino acid form)	6 - 10%
Fat (Oils)	0.5 - 1.5%
Total Carbohydrates	10 -14%
C:N Ratio	7-9:1
Salt Index	5
Total Nitrogen (N)	1.0 - 2.0%
Available Phosphoric Acid (P ₂ O ₅)	0.3 - 0.7%
Soluble Potash (K ₂ O)	0.8 - 1.0%

Secondary Nutrients & Micronutrients:

Calcium (Ca)	0.1 - 0.2 %	Copper (Cu)	0 - 10 ppm
Magnesium (Mg)	0.05 - 0.1 %	Manganese (Mn)	0 - 10 ppm
Sulphur (S)	0.3 - 0.4 %	Iron (Fe)	50 - 100 ppm
Chloride (Cl)	0.2 - 0.3 %	Zinc (Zn)	0 - 40 ppm
Sodium (Na)	0.2 - 0.3 %		



California Safe Soil, LLC
4700 Lang Avenue, Bay C
McClellan, CA 95652
www.calsafesoil.com

CSS TDS – H2H100-010621