

# PRODUCTS FOR SOIL AND CROP HEALTH



## Feed the Root: Fertilizers, Bio-stimulants, and Biologicals

A quick start helps crops maximize yield potential and stay ahead of weeds. But our climate limits the nutrient-cycling capacity of soils early in the season. Creating a nutrient-rich, biologically-active zone close to the seed can pay dividends all season long. Many of these products are also suitable for side-dressing.

PRODUCT	ANALYSIS	DESCRIPTION	APPLICATION RATE	PACKAGE
<b>EcoTea™ Seed Dressing</b>		Dry or liquid formulations coat seeds with active biology and microbial foods for quick emergence and root development.	50 acres of seed, Varies by seed	20 L dry kit 20 L liquid kit
<b>SureSource Plus-N Crumble</b>	6.5-12-2	Composted hen manure fortified with feather and bone. An ideal starter for corn, spring wheat, and other heavy-feeders.	300 lbs/ac	bulk 1 mt totes
<b>Organic Plant Feed Granular</b>	11-0-5	Plant-derived amino acids in quick-dissolving granule. Plant-available even at lower soil temperatures.	200 to 300 lbs/ac	900 kg totes
<b>SureSource Max-P Crumble</b>	3-18-3	Composted hen manure fortified with bone ash. High phosphorus starter for soybeans, edible beans and fall cereals.	150 to 300 lbs/ac	bulk 1 mt totes
<b>SureSource Max-P+K Crumble</b>	4-16-6-2S	Composted hen manure fortified with feather, bone, and sulphate of potash. A balanced starter for beans and cereals.	150 to 300 lbs/ac	bulk 1 mt totes
<b>SureSource Max-P+KMg Crumble</b>	4-15-5-2Mg-4S	Compost fortified with feather, bone, and langbeinite. A balanced starter for beans and cereals in low magnesium soils.	100 to 300 lbs/ac	bulk 1 mt totes
<b>EcoTea™ Soil HDI</b>		A liquid starter to supercharge the root zone with active biology and bio-stimulants.	2.5 gal/ac	250 gal kit 100 gal kit
<b>Hi-Energy Fish</b>	2-3-0	A unique fish fertilizer derived from naturally-fermented whole salmon. Very high in volatile fatty acids for increased biological activity and nutrient uptake. Lower viscosity and lower applications rates for more convenient and efficient handling and application.	1 to 3 L/ac	1000 L, 100 L 10 L, 1 L
<b>TNT Activator</b>		A blend of natural minerals, nutrients, and energy sources to stimulate soil life and root development. Use on soil, in-furrow, or side-dress.	10 L/ac	1000 L, 100 L 10 L, 1 L



## Feed the Soil: Mineral and Carbon-Based Amendments

Every crop harvest exports nutrients from the field, and these must be replenished and balanced to sustain healthy crop production. High organic matter levels and balanced minerals optimize biological activity and improve soil structure.

PRODUCT	ANALYSIS	DESCRIPTION	APPLICATION RATE	PACKAGE
<b>SureSource Hen Manure Compost</b>	5-3-2	Laying hen manure, fully composted in a controlled environment; no application restrictions; 25-30% moisture.	0.5 to 3 mt/ac as per crop needs	bulk bulk (LTL) 1 mt totes
<b>SureSource Compost Pellets</b>	5-4-3	Fully-composted laying hen manure, pelleted for more convenient handling and application.	As per crop needs	bulk 1 mt totes
<b>SureSource Hemoglobin Powder</b>	15-0-0	Soluble, quick-release nitrogen in a powdered form, suitable for drip irrigation systems and other applications. (Advance ordering and minimum order requirements may apply.)	As per crop needs	800 kg totes 20 kg bags
<b>SureSource Feathermeal</b>	11-0-0	A slower release source of concentrated nitrogen.	As per crop needs	1 mt totes
<b>SureSource Bloodmeal</b>	12-0-0	Concentrated nitrogen with a moderate release rate.	As per crop needs	1 mt totes
<b>SureSource PhosAgri</b>	0-14-0	NEW! The highest grade organic rock phosphate in North America. 28% total P <sub>2</sub> O <sub>5</sub> , 30% Ca. 7 Mesh raw crumble.	50 to 400 lbs/ac	2000 lb totes 50 lb bags
<b>SureSource PhosAgri Granular</b>	0-12-0	High grade rock phosphate granulated and prilled for ease of application. Available in 240 SGN / 8 Mesh or 120 SGN / 16 Mesh.	As per crop needs	2000 lb totes 50 lb bags
<b>SureSource PhosAgri Milled/ Micronized</b>	0-14-0	High grade rock phosphate milled to 100 Mesh for fine blends or micronized to 350 Mesh for drip and fertigation systems.	As per crop needs	2000 lb totes 50 lb bags
<b>SureSource Bonerock 75</b>	0-8-0	Blend of bone ash and rock phosphate for greater available and total phosphorus content. Apply with lime spreader or similar.	200 to 500 lbs/ac	bulk 1 mt totes
<b>SureSource Rock Phosphate</b>	0-3-0	26% total P <sub>2</sub> O <sub>5</sub> ; Canadian-sourced; rich in calcium and other minerals. Also available granulated.	200 to 500 lbs/ac	bulk 1 mt totes
<b>SureSource Potassium Sulphate (SOP)</b>	0-0-50-17S	Granular: readily-available potassium and sulphur with a low salt index.	100 to 300 lbs/ac	bulk 1 mt totes
<b>SureSource Langbeinite</b>	0-0-22-11Mg-22S	Granular: plant-available potassium, magnesium, and sulphur with a low salt index. Unlike dolomitic lime, langbeinite supplies immediately available magnesium.	100 to 300 lbs/ac	bulk 1 mt totes
<b>SureSource Granulated Lime</b>	39Ca	Supplies calcium and helps raise pH. Granulated for ease of application.	As per soil needs	1400 kg totes
<b>SureSource Granulated Gypsum</b>	22Ca-17S	Supplies calcium and sulphur without impacting pH. Recommended for high-magnesium and high-pH soils. Granulated for ease of application.	As per soil needs	1300 kg totes
<b>SureSource Magnesium Sulphate</b>	16Mg or 9.8Mg	Granular or powder (Epsom Salts). Unlike dolomitic lime, magnesium sulphate supplies immediately-available magnesium.	As per crop needs	25 kg bags 50 lb bags
<b>Elemental Sulphur</b>	90%S	Long-term sulphur supply; important for building crop protein.	As per soil needs	1 mt totes 25 kg bags
<b>Canadian Wollastonite</b>	16.5Ca-4Mg-27Si	An excellent source of plant-available silicon. A carbon-neutral source of calcium; touted as potential climate change solution.	As per soil needs	bulk 1 mt totes
<b>Boron</b>	10-20% B	B increases flower, seed, and fruit development and Ca uptake.	As per soil needs	25 kg bags

## Feed the Soil: Mineral and Carbon-Based Amendments - Continued

<b>Manganese Sulfate</b>	32% Mn	Mn accelerates plant maturity for yield and quality.	As per soil needs	25 kg bags
<b>Zinc Sulfate</b>	35.5% Zn	Zn is key to seed production, rate of growth.	As per soil needs	25kg bags
<b>Copper Sulfate</b>	25% Cu	Cu is very important in disease resistance.	As per soil needs	25kg bags
<b>Humic Acid Granular</b>	80% humic	Humates can improve soil quality, aid in nutrient retention in the soil and plant uptake, and stimulate plant growth.	100 to 250 lbs/ac 40 lbs/ac banded	1 mt totes



## Feed the Plant: Foliars and Liquid Fertilizers

In season applications can help address nutrient deficiencies and increase pest and disease resistance.

PRODUCT	ANALYSIS	DESCRIPTION	APPLICATION RATE	PACKAGE
<b>EcoTea™ Foliar HDI</b>		Formulated to promote plant-protective microbes and compounds; compatible with most liquid fertilizers.	2.0 gal/ac	250 gal kit 100 gal kit
<b>Hi-Energy Fish</b>	2-3-0	A unique fish fertilizer derived from naturally-fermented whole salmon. Very high in volatile fatty acids for increased biological activity and nutrient uptake. Lower viscosity and lower applications rates for more convenient and efficient handling and application.	0.5 to 4 L/ac	1000 L, 100 L 10 L, 1 L
<b>Hi-Energy Hay</b>		A combination of Hi-Energy fish and other natural products selected to support the growth of forages and pasture. Supplies volatile fatty acids, amino acids, and minerals for improved yields and nutritional quality and palatability.	2 to 8 L/ac applied after each cut or grazing	1000 L, 100 L 10 L, 1 L
<b>Enviro 5-0-20™</b>	5-0-20	Chelated liquid fertilizer for easy plant uptake and utilization.	1 to 5 lbs/ac	15 kg
<b>Enviro 12-0-1™</b>	12-0-1	Readily-available nitrogen; chelated for easy uptake and utilization.	1 to 5 lbs/ac	15 kg
<b>Enviro Potassium™</b>	14% K <sub>2</sub> O	K builds strong stems, increases drought and disease resistance; chelated for easy uptake and utilization.	1 to 2 L/ac	20 L, 210 L, 1000 L
<b>Enviro Lex™</b>	8% K <sub>2</sub> O, 2%Ca	Blended Ca and K for stress resistance; chelated for easy uptake and utilization.	0.5 to 1.5 L/ac	20 L, 210 L, 1000 L
<b>Enviro Calcium™</b>	8.1% Ca	Ca aids in nutrient and sugar movement in plants; chelated for easy uptake and utilization.	1 to 4 L/ac	20 L, 210 L, 1000 L
<b>Enviro Magnesium™</b>	4.0% Mg	Mg is essential for chlorophyll formation, carries P; chelated for easy uptake and utilization.	0.5 to 2 L/ac	20 L, 210 L 1000 L
<b>Environ Boron™</b>	16.5% B	B increases flower, seed, and fruit development and Ca uptake	0.5 to 3.5 lbs/ac	15 kg
<b>Enviro Manganese™</b>	5.5% Mn	Mn accelerates plant maturity for yield and quality; chelated for easy uptake and utilization.	0.5 to 1.5 L/ac	20 L, 210 L, 1000 L
<b>Enviro Zinc™</b>	8.5% Zn	Zn is key to seed production, rate of growth; chelated for easy uptake and utilization .	0.5 to 1 L/ac	20 L, 210 L, 1000 L
<b>Enviro Copper™</b>	4.0% Cu	Cu is very important in disease resistance; chelated for easy uptake and utilization.	0.5 to 1.5 L/ac	20 L, 210 L, 1000 L
<b>Enviro Iron™</b>	4.0% Fe	Fe is necessary in chlorophyll formation; chelated for easy uptake and utilization.	0.5 to 1.5 L/ac	20 L, 210 L, 1000 L

## Close the Loop: Residue Management

On-farm trials indicate that encouraging faster residue breakdown can improve soil health and nutrient availability the following spring.

PRODUCT	DESCRIPTION	APPLICATION RATE	PACKAGE
EcoTea™ Soil HDI	Encourages fungal decomposition of residues, reducing nitrogen tie-up and increasing nutrient cycling. Demonstrated benefits for spring soil health.	2.5 gal/ac	250 gal kit 100 gal kit
TNT Trash Buster	A liquid blend of nutrients and bio-stimulants designed to speed up the breakdown of crop residues, improve soil structure, and increase organic matter.	2 gal/ac	1000 L, 100 L 10 L, 1 L

## Custom Blends and Formulations

We have the capacity to create custom fertilizer blends incorporating any of the ingredients listed here in a variety of dry blends, pellets, and crumbles. Tell us what you need or send us your soil test results and let us create recommendations.

We also offer a full range of agronomy services, including soil sampling, and soil, plant tissue, and sap analysis.

## Special Orders

Don't see what you're looking for? Let us know and we'll track it down for you!

### Our Vision and Goal

At SureSource Agronomy, we recognize that the soil feeds the plant, and the plant also feeds the soil, giving farmers the opportunity to have a positive impact at many stages of production. Our goal is to offer a wide range of products to address the physical, chemical, and biological components of healthy soils and crops.

### Contact Us Today

To place an order, or for more information, contact us at:  
1-866-697-5960 or [info@suresourceagronomy.com](mailto:info@suresourceagronomy.com)