

ICT Organics

2011 Organic Turf Program

Organic products that get the job done and save you money

A complete product line made from EPA exempt ingredients

Month	Product	Product per acre	Cost per acre
March ¹	Gluten-8 OLP	10 Gallons	\$ 399.50
April	1-2-3 Instant Compost Tea	16 Ounces	\$ 30.00
May	1-2-3 Instant Compost Tea	16 Ounces	\$ 30.00
June	1-2-3 Instant Compost Tea	16 Ounces	\$ 30.00
June ²	1-2-3 NPP	3 Quarts	\$ 55.87
July	1-2-3 Instant Compost Tea	16 Ounces	\$ 30.00
July ³	Essential 1	1 Gallon	\$ 79.95
August	1-2-3 Instant Compost Tea	16 Ounces	\$ 30.00
September	1-2-3 Hydroseed/Over seeding	32 Ounces	\$ 9.31
October	Organic based fertilizer or compost	<i>estimate</i>	\$ 60.00

		Cost per acre per year
Fertilization program	(1-2-3 Instant Compost Tea)	\$ 150.00
Crab grass management ¹	(Gluten - 8)	\$ 399.50
Fungal disease management ²	(1-2-3 NPP)	\$ 55.87
Exterior Pest management ³	(Essential – 1)	\$ 79.95

1. Gluten-8 should be applied as the soil warms above 50 degrees
2. 1 ounce per 1000 sq ft as preventative, 2 ounces per 1000 for active fungal
3. Essential - 1 is very effective for control of ticks, fleas and mosquitoes, it can be tank mixed with 1-2-3 Instant Compost Tea for the summer pesticide application

Soil Organic Matter (SOM) should be above 2% for an effective tea program, 5% to 7% SOM is ideal. If soils are low in organic matter, applications of a high organic matter organic based fertilizer or compost should be applied in the spring and fall. If soil SOM is in a good range, applications should be done in the fall with over seeding, especially on lawns that are transitioning from chemical fertilizer use

1-2-3 NPP is a refined byproduct of the seafood industry and is safe to apply with no reentry times. 1-2-3 NPP should be applied in late spring as a preventative and as needed in the summer to manage fungal issues in turf. 1-2-3 NPP is very effective at controlling dollar spot, brown patch, take all patch, anthracnose, red thread, pink patch, leaf spot, rust, pink snowmold, fusarium patch, southern blight, rapid blight, and summer patch.

ICT Organics, LLC - 11127 Willow Bottom Drive – Columbia, MD 21044

866-997-5450

www.ictorganics.com

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ICT Organics – Application rates and cost of application

General application rate is 2 gallons of water (carrier) per 1000 from spray rig

1-2-3 Tree: for perennial, shrubs and trees. Transplanting and existing stock

Packaged in a 1 – gallon bottle, mix 1 ounce per 2 gallons of water, 256:1, treat at 1 gallon per DBH or per 1 foot of shrub width. Cost \$0.29 per DBH (DBH = diameter at breast height)

1-2-3 Hydro-Seed: for hydro-seeding and over-seeding applications, seed inoculant

Packaged in a 1 – gallon bottle, mix 32 ounces per acre, 1 gallon treats 4 acres. This product can also be used in brewing compost teas for known entities in the mix, add at the end of the brewing cycle.

1-2-3 Instant Compost Tea: general use turf fertilizer

Packaged with 3 components in a carton and is a bacteria dominant tea made for Lawn and Landscape. Mix 1 ounce per 3000 sq ft and apply mix at 2 gallons per 1000 sq ft. Cost \$0.67 per 1000 square feet

1-2-3 NPP (Natural Plant Protector): Fungal disease management

Packaged in a 1 – gallon container,

Preventative rate: mix 1 ounce per 2 gallons of water, apply at 2 gallons per 1000.

Curative for active fungal: mix 2 ounces per 2 gallons of water; apply at 2 gallons per 1000.

Tank water should be at 5 to 5.5 pH before adding NPP Cost \$0.58 per 1000 square feet treated.

Gluten-8, Liquid Corn Gluten Meal

Packaged in a 1 – gallon plastic container, mix 1 quart Gluten-8 to 3 quarts of water, apply mix at 1 gallon per 1000 sq ft. Cost \$9.98 per 1000 sq ft. 1 – Gallon treats 4000 sq ft, 1 – gallon costs \$39.95

Essential-1, Organic Pesticide/Repellent, Best used as an aerosol

1-gallon container. Mix rate: backpack blower sprayer – 6 oz in 3 gallons of water treat 10,000 sq ft.

Spray - 1 gallon Essential-1 per acre, mix with appropriate amount of water. Cost: \$1.83 per 1000 sq ft

CedarCure, Organic pesticide, soil drench

Packaged in 16 oz dispenser bottle, low rate 8 oz in 100 gallons of water treats 50,000 sq ft

High rate – 16 oz in 100 gallons of water treats 50,000 sq ft. Cost \$ 1.89 per 1000 sq ft @ high rate

Rhiz-O-Char, HydroChar

Packaged - 1 pound powder

Spray rig: mix 1 pound of RhizoChar per 50 gallons of water, apply at 180 ounces per 1000

Divot mix: mix 1 pound per cubic yard

Seed inoculant: 1 pound per 400 pounds of seed, seed should be lightly dusted.

For soilless media: Add 1 pound per cubic yard, mix thoroughly.

For soil Injection: Add 1 oz to 4 gallon of water, mix thoroughly. 1 to 2 gallons per DBH or foot of shrub

The RhizoChar products have 400 + micron size pieces of char that may clog fine spray tips and drip irrigation. Test your applicator before full scale use. Flood Jet type spray tip is recommended.

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