

# ICT Organics

## 2014 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 <sup>1</sup>	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 <sup>2</sup>	1-2-3 NPP	3 Quarts	\$ 55.87
July	1-2-3 Instant Compost Tea	16 Ounces	\$ 30.00
July <sup>3</sup>	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 <sup>1</sup>	(Gluten - 8)		\$ 399.50
Fungal disease management <sup>2</sup>	(1-2-3 NPP)		\$ 55.87
Exterior Pest management <sup>3</sup>	(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.

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ICT Organics – Application rates and cost of application

General application rate is 2 gallons of mixed product per 1000 sq ft from spray rig

## **1-2-3 Tree - for perennial, shrubs and trees. Transplanting and existing plants in beds**

Packaged in a 1 – gallon bottle, mix 1 ounce per 2 gallons of water, treat at 1 gallon per DBH or foot of shrub. 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 adding known biology in the brew. Add at the end of the brewing cycle

## **1-2-3 Instant Compost Tea - general use turf fertilizer**

Packaged in a carton with 3 components. Bacterial dominant tea made for lawn, landscape and garden. Mix 1 ounce per 3000 sq ft and apply mix at 2 gallons per 1000 sq ft. Cost \$0.67 per 1000 sq ft

## **1-2-3 NPP (Natural Plant Protector) - Broad range preventative and curative fungicide**

Packaged in a 1 – gallon container

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

Curative for active fungal: mix 3 ounces per 1 gallon of water; apply at 1 gallon per 1000.

Tank water should be 5.5 to 6.0 pH before adding NPP. Cost \$0.58 per 1000 square feet

## **Gluten-8 - Liquid Corn Gluten Meal**

Packaged in a 1 – gallon 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 - Broad Range Organic Pesticide/Repellent**

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 \$ 0.40 per 1000 sq ft at blower sprayer rate.

## **CedarCure - Organic pesticide, Larval stage infestations, 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 at high rate, \$0.94 at low rate

## **CaFe - Soil Amendment, Essential ingredients for increased photosynthesis**

Packaged in a one gallon bottle, one gallon treats 3 acres. Mix rate is 1 ounce per gallon of water. This is a rich ferment of organic acids with iron and is fast acting. 40% Fulvic acid, 5% Calcium, 1% Iron, Cost \$0.31 per 1000 sq ft