



# THE DIRT!

SOILBIOTICS COMPANY E-NEWSLETTER

JULY 2021

## Fertilizer Receives CDFA Approval

**eFISHnt 4.53-1.40-1.93**, SoilBiotics' fish emulsion based liquid organic fertilizer concentrate, has received CDFA approval as an Organic Input Material. This product is a rich source of nutrients that slowly break down and release nitrogen into the soil. It is designed for use in conjunction with your current fertilizer plan. **eFISHnt 4.53-1.40-1.93** can be used in both Organic and Conventional programs. It is also an important component of post-harvest residue digester programs.

### Benefits of eFISHnt 4.53-1.40-1.93:

- Provides slow release of N
- Eliminates burn when applied with pesticides, oils or adjuvants
- Is an excellent food source for soil microbes, contributing to robust growth of microbial colonies, enhancing the transfer of nutrients between plants and microbes
- Relieves plant stress in the event of drought, heat, and excessive water conditions

**eFISHnt 4.53-1.40-1.93 is available in 5-gallon pails, 55-gallon drums and 250-gallon totes.**

## Holiday Notice

The SoilBiotics offices will be closed Monday, July 5th for the holiday. We will reopen for regular hours on Tuesday, July 6th.

## New Warehouse

Our new warehouse is already paying dividends for our customers! We were recently able to fulfill a forward-thinking customer's order of several totes with in-stock product, allowing for quicker freight scheduling and avoiding delay. Win-Win!

## This Month's Humic Feature

### Cations Explained

All soils have a cation exchange capacity (CEC) rating that indicates their ability to hold and exchange plant nutrient cations. A cation is a measure of the soil's ability to hold the fertilizer you apply (instead of it being leached) and transfer it to the plant. In most soils the CEC rating is 12-14 but in sandy soils it can be 1-2. In peat it is 40-50 because there is a close correlation between the holding ability and how much carbon and humus is in the soil. Carbon based acids will generally have a CEC of 200; SoilBiotics technology has a CEC of 250. By adding SoilBiotics technology you will improve the holding capacity of **any** soil with a low CEC rating.

