

Usage Guide for Schafer's Liquid Fish -Soil Applications

Crop	Soil rates per acre per treatment*	Suggestions and methods
Corn & Sorghum	4 - 4 Gallons	Apply soil treatment before emergence and again as late as machinery passage will allow.
Rice - Dryland	2 - 2 Gallons	Apply soil treatment before emergence and again between joining and early heading.
Rice - Lowland	1 - 2 Gallons	Apply treatment 7 days before flooding and make foliar treatment at the boot stage.
Winter Grains	2 - 3 Gallons	Apply soil treatment before emergence and again at spring greenup.
Spring Grains	2 - 3 Gallons	Apply soil treatment before emergence and again at onset of flowering.
peanuts	2 - 3 Gallons	Apply soil treatment before emergence and again at onset of flowering.
Cotton	2 - 3 Gallons	Apply soil treatment before emergence and again at onset of flowering.
Hay and Forages	2 - 3 Gallons	Apply soil treatment in spring and at the beginning of growth and again after each cutting.
Pastures	2 - 3 Gallons	Apply soil treatment in the spring at the beginning of growth, again at midseason and a third treatment before dormancy.
Tropical Grasses	2 - 2 Gallons	Apply soil treatment every two months.
Potatoes	4 - 4 Gallons	Apply soil treatment before emergence and again at the hook stage.
Sugar Cane	3 - 4 Gallons	Apply soil treatment before emergence and again at 3 months, again at 6 months, and 6 months after planting.
Root Crops (beets, radishes, carrots, etc.)	1 - 2 Gallons	Apply soil treatment at or within 12 days of planting.
Vegetables (tomatoes, okra, eggplant, peppers, cucumbers, cauliflower, broccoli, etc.)	1 - 2 Gallons	Apply soil treatment at planting or before emergence and then every 6 weeks during active production.
Leaf Crops (lettuce, parsley, drill, herbs)	1 - 1 2/3 Gallons	Apply before emergence and again 6 weeks after emergences.
Citrus	4 Gallons	Apply soil treatment every 2 months during the active/productive season.
Fruits (apples, peaches, pears apricots, plums, cherries, walnuts, pecans, etc.)	4 Gallons	Apply soil treatment 1 - 2 weeks prior to leaf emergence and again at the beginning of fruiting.
Tropical Fruits (mangoes, papayas, guavas, bananas, pineapples, pistachios, brazil nuts, etc.)	2 Gallons	Apply soil treatment every 2 months during the active/productive season.
Vineyards (grapes)	1 - 2 Gallons	Apply soil treatment at leave ememrgence and again when fruit is half mature.
Berries (strawberries, raspberries, blackberries, blueberries, etc.)	1 - 2 Gallons	Apply soil treatment at the beginning of growth and again when fruit is half mature.
Melons (watermalons, cantaloupes, etc)	1 - 2 Gallons	Apply soil treatment at planting or before emergence and again at the onset of flowering.
Landscape Ornamentals	6oz. Per 1000sq.ft. of beds	Apply soil treatment in spring at green-up or at transplanting and again prior to dormancy. Year-round climates should make soil applications every 3 months.
Flowers	4oz. Per 10 gallons of irrigation water	Apply weekly in irrigation water.
Greenhouse plants	2oz. Per 10 gallons of irrigation water	Apply weekly in irrigation water.
Potting Mixes	16oz. Per cubic yard of mix	When moistening the dry potting mix, add enough Schafers Liquid Fish Fertilizer into the water /fertilizer/fungicide solution to deliver 16oz. Of Schafers Liquid Fish Fertilizer per cubic yard of potting mix.
Hydroseeding	3 - 5 Gallons	Once the water is added to the hydroseeding tank, add enough Schafers Liquid Fish Fertilizer to deliver 2 gallons per acre. In very harsh enviroments, add up to 5 gallons of Schafers Liquid Fish Fertilizer per acre in the hydroseeding solution.
Turf and Golf Course	2 - 4 Gallons	Apply soil treatment at spring green-up and with (or at the time of) each normal fertilizer application. Tees and greens may be treated more frequently with half-rate applications.

\*soil applications can be made numerous ways.

Schafers Liquid Fish Fertilizer can be sprayed onto the soil or used in drip irrigation lines, dripped into crop row, can be run through overhead or underground irrigation systems. It can also be run in injection boxes.

1 gallon of Schafers Liquid Fish to every 20 gallons of water. If you use manure, nitrogen or other fertilizers in addition to Schafers Liquid Fish the above rates may change.