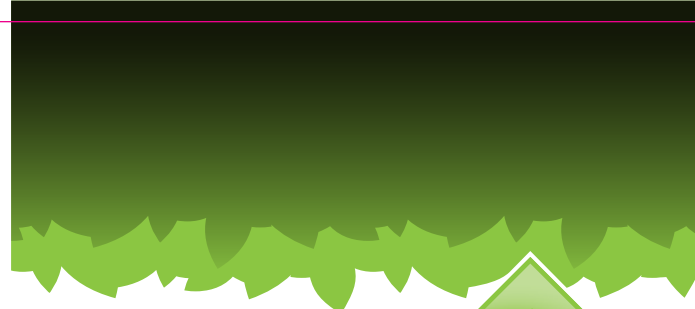


10 in.

4.5 in.

APPLICATION RATES AND RECOMMENDATIONS
(use lower soil rate if combined with foliar application)

CROP	SOIL	FOLIAR (can be applied in combination with fertilizers, growth regulators, herbicides or pesticides)
Potatoes, carrots, onions, sugar beet, red beet	Broadcast application at a rate of 32-64 oz/acre. Band application at a rate of 16-32 oz/acre.	When plants are 4-6 inches high, apply 16-32 oz/acre. Same rate can be repeated 2-3 weeks later.
Cotton, corn, soybeans, cereal, sorghum, wheat, sunflower	Broadcast application at a rate of 32-64 oz/acre. Band application at a rate of 16-32 oz/acre.	When the plants are 8-10 inches high apply 8-16 oz/acre. Same rate can be repeated 2-3 weeks later.
Vegetables (open air) Tomatoes, peppers, string beans, egg plant, lettuce, melons, cabbage	Broadcast application at a rate of 32-64 oz/acre. Band application at a rate of 16-32 oz/acre.	When plants are 4-6 inches high, apply 8-16 oz/acre. Same rate can be repeated 2-3 weeks later.
Vegetables (greenhouse)	After seeding/planting apply in band at 8.0 oz/10,000 sf.	Irrigate seedlings after transplanting with a solution of 24 oz. ENERSOL per 100 gallons water. Apply with drip irrigation every 3-4 weeks.
In vineyards and orchards (apples, grapes, fruits, citrus, olive, nuts, coffee, banana)	When vegetative growth begins, apply at 3.0 oz/5 gallons of water evenly beneath canopy for each small to medium sized tree or every 30 linear feet of vines. For larger trees over 30 feet tall use 6.0 oz/10 gallons of water. If a drip irrigation system exists, apply at 32 oz/acre with drip fertilizer. Follow soil application with 1-2 foliar applications per label recommendations or repeat soil application after 5-6 weeks.	Can be applied with foliar fertilizers, plant growth regulators or pesticides at the rate of 4.0 oz/30 gal water sprayed directly on developing leaves. Repeat application after 3-4 weeks.
Turf Grasses	Apply 5.0 oz in sufficient water volume to cover 1000 sf prior to seeding or sodding.	Apply 2-3 oz in sufficient water to cover each 1000 sf in spring and repeat monthly until early fall.
Ornamental Trees, Shrubs and bedding plants	Trees and Shrubs: Ring 2.0 oz in 5 gallons of water under canopy of small to medium size trees and shrubs. For large trees use 4.0 oz. in 10 gallons of water spread evenly under canopy. Ornamental Bedding Plants: Apply 2.0 oz in sufficient water to cover 1000 sf prior to planting.	For small trees and shrubs spray canopy at a rate of 1.0 tablespoon (0.5 oz) per gallon of water once leaves have developed. For ornamental beds mix 1.0 oz. of ENERSOL in 2 gallons of water for every 100 sf of beds. Spray directly on developing leaves in Spring and repeat after 3-4 weeks.



Enersol®

Crop quality, naturally

A CONCENTRATED MIXTURE
OF HUMIC, FULVIC, ULMIC ACIDS

Non-Plant Food Product

1 Liter (1.057qt)

ENERSOL® is a concentrated aqueous mixture of Humic Acid that is suitable for soil (broadcast, band, drip) and foliar application. It can be used alone or mixed with a wide range of plant protection and plant nutrition products (it is recommended to do a jar mix test prior to use). Its naturally acid pH enables growers to also use it with acidic fertilizers or to reduce the pH in alkaline tank solutions.

ENERSOL has been successfully used on tree crops, vegetables, cereal crops, grapevines, potatoes, onions, corn, sugar beets, sunflower, strawberries, etc.

Humic acids are natural complexing agents so soil applications of ENERSOL may help to mobilize micronutrients.

APPLICATION RATES AND RECOMMENDATIONS

OTHER APPLICATIONS

- Soaking seeds prior to planting:** Small seeds (wheat, barley, oats): 24 hours prior to sowing, soak sacks of seeds in a solution at 20 oz./30 gal water. Large seeds (cotton, potato, etc.): Same as above but use solution at 10 oz./30 gal water.
- In combination with iron chelates (EDDHA 6 % Iron):** 8.0 oz. ENERSOL + 4.0 oz. EDDHA/10,000 sf (applied via drip irrigation).
- Applied via drip irrigation:** Vegetables: Immediately after planting and then every 3-4 weeks at 10-16 oz./10,000 sf. Field crops (cotton, corn, cereals etc.): (32 oz./acre) repeated 5-6 times during growing season.
- Mixed with foliar fertilizers:** ENERSOL at 2.0 oz./30 gal water.
- As buffer on spray tank to reduce pH:** ENERSOL at 2.0 oz./30 gal water.

MIXING INSTRUCTIONS

SHAKE WELL BEFORE USE. Fill the spray tank half full with water. Add ENERSOL at the recommended rate, as well as any fertilizers and plant protection products to be used. Agitate the solution when topping off the tank with water – and then spray.

STORAGE

Keep ENERSOL **tightly sealed** in the original container. Do not store below 32° F or above 104° F. Under normal storage conditions the product will keep its physical and chemical properties for at least 3 years.

COMPOSITION (by ISO 5073 Method)

GUARANTEED ANALYSIS CONTAINS NON-PLANT FOOD INGREDIENTS
18% - Humic Acid (from Leonardite)
82% - Inert Ingredients

Purpose: Humic acid may aid in micronutrient uptake.

pH: 4-5

Manufactured by:

American Colloid Company
2870 Forbes Avenue
Hoffman Estates, IL 60192
www.amcolbiocag.com

An **AMCOL** Company

No warranties are implied or expressed. Buyer assumes all responsibility for proper use of this product.