



eA300 Plant Protect Application Procedures & Dilution Rates

100% Bio-Based

Important Pre-Application Note: It is best to spray eA300 when it is cool outside, preferably in the early morning, late afternoon, or night. Spraying during hot sunlight could cause burning of the plants.

eA300 Dilution Rates

All Purpose Plant Spray – 300:1 = 1 part of eA300 + 299 parts water = 300 parts RTU
(or mix 6 oz (47ml) of eA300 per 12 gal (45.42 L) water)

Produce Wash – 300:1 (removes pesticides, dirt and bug droppings from fruits & vegetables)

Damaged Plants - 300:1 (saturate damaged area twice a week)

Cleaning of Bareroot Stock - 400:1

Grafting, Air-Layering, Rooting of Cuttings, - 300:1

Combination Spray – 400:1(1)

Leaf Polish/Shine/Maintenance – 600:1(2)

Seed PreTreatment (3)

Notes:

(1) Combination Spray is when eA300 is mixed with fertilizer, pesticide, etc. For preliminary application, dilute eA300 with 299 parts water and add 50% of the intended fertilizer or pesticide.

(2) If plants are healthy, and for ongoing maintenance, dilute eA300 with 599 parts water.

(3) Dilute 1 ounce (29.57ml) per 4 gallons (15.14 L) of water or ¼ oz (1.95 ml) per gallon (liter) water. Soak seeds thoroughly for about 15 minutes, 12 to 24 hours before planting.

Plastic Sprayer Tank – Before spraying, clean spray rig tank with 16oz/50gal of eA300, making sure that the solution contacts all surfaces. This will remove any previous contaminants, even from the pores of the plastic tank. Can also be used to clean steel tanks. There is no need to clean out the tank for after the use of eA300, before adding any other solution.

Tank Mixing: Read all product labels carefully and adhere strictly to the instructions for use and advice regarding whether or not products should be tank mixed and prior tank cleaning. When mixing with pesticides, always follow label directions and mixing instructions of the pesticide that is to be tank mixed with eA300.

Caution: Do not spray in direct sunlight or hot conditions. Do not under-dilute.

eA300 Application & Saturation Rates

One (1) acre requires 45.42 liters (12 US Gallons) of eA300 RTU (i.e. in its diluted form) for the initial treatment. For optimum results, most crops should be sprayed 2-4 times during growing season (see specific applications below). Once a plant is healthy, the dilution rate may be cut in half (i.e. 1 part eA300 to 599 parts water).





eA300 Coverage	1 gallon	5 gallon	55 gallon	250 gallon
12 gal RTU acre 45.42 L RTU acre	25 acres	125 acres	1,375 acres	6,250 acres

Second Spray: For healthy plant second spray coverage, mix with 599 parts water

Healthy Plant	1 gallon	5 gallon	55 gallon	250 gallon
12 gal RTU acre 45.42 L RTU acre	50 acres	250 acres	2,750 acres	12,500 acres

Caution: Do not spray in direct sunlight or hot conditions. Do not under-dilute.

Other Applications

Foliar Spray

Mix 1/2 ounce of **ecoAgra™** per gallon water. The spray should cover everything, including the leaves, and stalks. Apply foliar spray early in the morning or late evening and allow it to penetrate and absorb before further irrigation.

Soil Wash

Dilute 1 part **ecoAgra™** with 299 parts water and apply the mixture to soil 24 to 48 hours before transplanting your plants. To stop fungus in an established plant, apply the diluted mixture to the root area.

Seed Wash for Greenhouses

Dilute .25 ounce of **ecoAgra™** to a gallon and soak seeds for 15 minutes in solution, and then plant 12 -24 hours after soaking. If potting seeds, moisten the soil mixture with the solution. Once seedlings appear, spray them weekly until they are ready to be transplanted to larger pots.

Specific Plant Application Procedures

Alfalfa: Apply two weeks after the crop breaks winter dormancy. A second application may be applied after the first cut; however there must be adequate new growth to insure spray contact with the leaf surfaces.

Beans: Apply at 4 to 6 leaf stage. Apply 2nd application 16 to 20 days after 1st application.

Corn: Apply at 4 to 6 leaf stage. Apply 2nd application 16 to 20 days after 1st application.

Cotton: Apply 21 to 28 days after emergence and 10 to 14 days later.

Grains: Apply when crop is 6 inches tall. Apply 2nd application after 20 days.

Grapes: Apply before fruit set. Repeat every 7 to 14 day intervals.

Oats: Apply when the plants are actively growing but before they reach a height of 3 inches.

Peanuts: Apply at the 6 leaf stage and again 7 to 14 days later.

Potatoes: Apply one week after 100% emergence. Apply again at 10 to 14 days.

Peppers: Apply at the 3 to 4 leaf stage.

Raspberries: Apply at start of flowering.

Rice: Apply at start of tilling.

Soybeans: Apply when crop is 2 to 6 inches tall. Apply 2nd application 16 to 20 days after 1st application.

Tobacco: Apply at the 3 to 4 leaf stage.

Tomatoes: Apply at the 3 to 4 leaf stage. Repeat every 7 to 14 day intervals.

Turf: Apply as soon as growth commences in the spring and repeat monthly, or when needed.

For more information please visit our website at www.ecoagra.com

