



Bio Shot Use Rates and Directions

Section 1 - Company and Product Information

Manufacturer's Name: Ag BioTech, Inc.
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Phone: +1-585-455-7913
Product Name: Bio Shot™

Section 2 - Use rates and crop recommendations

Field corn and silage corn: apply 1.35-1.5 ounces/acre in furrow at time of planting, and/or as a foliar spray post emergence. For optimum results apply in furrow and a second time as a foliar spray with herbicide 2-4 weeks after emergence, or as 2 foliar sprays with herbicides and fungicides.

Soybeans: apply 1.35 in furrow, and/or 1.35-2 ounces per acre with herbicide

Green beans and dry beans: apply 1.35-2 ounces per acre in furrow and as a foliar spray with fungicide at early bloom.

Hay and pastures: apply 1.5-2 ounces at green up and after each cutting or rotation if moisture is present

Rice: for paddy rice apply 1.35 oz/acre as a foliar spray at early tillering and again at the flag leaf stage

Apples: apply 2 oz./acre as a foliar spray at tight cluster, early bloom, first cover, and third cover.

Peaches: apply 2 oz./acre as a foliar spray at pink, bloom, shuck split, half size fruit, and post harvest

Cherries: apply 2 oz./acre as a foliar spray at popcorn/puffy white, fruit set, half size fruit, yellow fruit, and post harvest

Grapes: apply 2 oz./acre as a foliar spray at 1-2 inch green, early bloom, fruit set, lag phase, and veraison

Beets, Sugar Beets, and Carrots: apply 1.5 oz/acre in furrow, and as a foliar spray at the rate of 2 oz/acre every 3-4 weeks until harvest

Onions: add 1.5 oz/acre to drench or transplant water, and apply as a foliar spray at the rate of 2 oz/acre at 3 leaf stage, 6 leaf stage, and at early bulbing. If moisture is present an application 2 weeks before the tops go down will increase size.



Tomatoes, peppers, eggplants, cole crops, tobacco: For transplants dip in a .5% solution or add 1.5 oz/acre to the transplant water. Apply again at the rate of 2 oz/acre as a foliar spray or through drip or overhead irrigation every 3-4 weeks

Winter squash: apply 1.5 oz/acre in furrow or post emergence, and at the rate of 2 oz/acre every 3-4 weeks

Summer squash and cucumbers: apply 1.5 oz/acre in furrow or post emergence, and every 2-3 weeks at the rate of 2 o/acre.

Potatoes: apply 1.5 oz/acre in furrow, and as a foliar spray at the rate of 2 oz/acre at the hook stage, early bloom, and 3-4 weeks pre harvest.

Winter wheat: apply 1.5 oz/acre as a foliar spray post emergence and again in the spring at green up. Spring cereals oats, wheat, rye, teff, apply as a foliar spray post emergence or at active tillering.

Raspberries, strawberries, blueberries: apply 1.5 oz/acre as foliar spray as plants come out of dormancy and at the rate of 2 oz/acre every 3-4 weeks during the growing season as a foliar spray or through drip or overhead irrigation

Tropical fruits: papaya, mangoes, avocados, guavas, annonaceae (soursop or graviola & sugar apple or sweetsop), jack fruit, dragon fruit, etc.:

Established plantations:

Four or more applications per season, by spraying leaves & soil at or 2 oz/ac, at 1 to 2 month intervals, from the end of the previous harvest.

Nursery:

1. Drench seeds and soil in liners with a 0.1% solution at planting.
2. Then spray a 0.05 to 0.1% solution on the small trees and soil every 14 to 21 days.



New plantings:

1. Dip the roots in a 0.5% solution before planting or drench soil around small trees with diluted 1 ml (0.04 oz) Bio Shot per tree solution.
2. Then spray on leaves & soil at 100 ml/ha, 40 ml/ac, 1.35 oz/ac or 0.05% v/v (100 ml of Bio Shot in 200 liters water), or apply in drip irrigation, at 45 days after planting and then every 60 days thereafter.

New plantings of trees and small fruits: dip plants or spray on roots with a 0.5% solution or apply as a drench at the rate of 1.5 oz/acre. Apply again as a foliar spray every 3-4 weeks during the growing season.

Banana: beginning at early bloom, spray every 30 days until 2 weeks pre harvest. New plantings should be sprayed drenched with a .1% solution and sprayed days at 45 day intervals until maturity is reached.

Coffee: beginning at early bloom, spray every 30 days until first red cherries. New plantings should be sprayed drenched with a .1% solution and sprayed days at 45 day intervals until maturity is reached.

Cacao: beginning at blossom bud spray every 30-45 days until early ripe fruit. New plantings should be sprayed drenched with a .1% solution and sprayed days at 45 day intervals until maturity is reached.

Peanuts: Apply 1.5 oz/acre in furrow and as a foliar spray at pegging.

Rice: Upland rice: apply at active tillering and flag leaf stages. Paddy rice: dip roots or soak seeds in 0.5% solution and apply 1.5 oz/acre 20 days after planting (active tillering) and 60 DAP (early flowering).

Cotton: Apply 1.5 oz/acre in-furrow at planting and as foliar sprays in early bloom and 21-28 days later.

Sweet potato (Boniato) apply 1.5 oz/acre as a foliar spray after planting and every 30-45 days

Pineapple apply 1.5 oz/acre every 30-45 days throughout the growing season



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