



General Application Rates

EnviroTech
Soil Solutions, Inc.

All application rates are by volume. Pounds are in Dry Bulk Density. AxisDE Regular should be used for the majority of all applications & AxisDE Fine for green rootzones or topdressing.

Incorporation into Existing Soil for Turf, Groundcover, or Garden Area: AxisDE is safe and effective for all edible plants and turf! In order to achieve our standard rate of 10% by volume, spread AxisDE at the rates below and incorporate thoroughly to the desired depth.

- 2" deep - use 450 lbs. per 1,000 sq. ft.
- 4" deep - use 900 lbs. per 1,000 sq. ft.
- 6" deep - use 1,250 lbs. per 1,000 sq. ft.
- 8" deep - use 1,700 lbs. per 1,000 sq. ft.

Offsite Mixing or Blending: To blend a mixture with 10% AxisDE by volume for sand based systems, planting media, or other blended mixes, blend 1 part AxisDE with 9 parts other.

- For a 10% blend, 1 part of one cubic yard = 70 lbs. of AxisDE Regular
- For a 15% blend, 1.5 parts of one cubic yard = 105 lbs. of AxisDE Regular
- For a 20% blend, 2 parts of one cubic yard = 140 lbs. of AxisDE Regular

Turf Aeration: Topdressing AxisDE after Aerating with 5/8" tines on a 3" x 4" pattern will require 125 to 150 lbs. of AxisDE per 1,000 square feet. Adding equal volume of sand for a 50/50 mix is recommended. Apply AxisDE with a topdresser, broadcast spreader or drop spreader. Use rake, drag mat or blower to assist AxisDE into the holes. Water in thoroughly.

DryJect Injection: Aeration patterns are either 3" x 2" or 3" x 4".

- 3 x 2 spacing, figure 4 to 6 cubic feet (4 to 6 Bags of AxisDE Fine) per 1,000 square feet.
- 3 x 4 spacing, figure 2 to 3 cubic feet (2 to 3 Bags of AxisDE Fine) per 1,000 square feet.

Bioswales & Rooftop Gardens Use AxisDE Regular at 10% by volume by blending 70 lbs. with 0.9 cubic yards of other mix components.

Roadside Plantings & Hanging Baskets: Use AxisDE Regular at for 15% by volume by blending 105 lbs. with 0.85 cubic yards of other mix components.

Quantities for Individual Plantings

Application Rates and Worksheet to Apply AxisDE Regular at 15% by Volume in the backfill.

# of Plants	Container or Plant Size	Pounds of AxisDE / plant	Volume of AxisDE / plant	Total	Added Available Water per Plant*
_____	4" pot	.37 lbs.	2 cups	_____	39 lb. / 6 oz.
_____	1 gal.	1.5 lbs.	1.5 quarts	_____	1.5 lb. / 24 oz.
_____	2 gal.	3 lbs.	3 quarts	_____	3.0 lb. / 1.5 qrts.
_____	5 gal.	7.5 lbs.	1.25 gal.	_____	7.5 lb. / .9 gal.
_____	24"	3 lbs.	3 quart	_____	3.0 lb. / 1.5 qrts.
_____	48"	15 lbs.	2.5 gal.	_____	15 lb. / 1.8 gal.
_____	6'	15 lbs.	2.5 gal.	_____	15 lb. / 1.8 gal.
_____	8'	25 lbs.	1.0 bag	_____	25 lb. / 3.0 gal.
_____	12'	60 lbs.	2.4 bags	_____	60 lb. / 7.2 gal.
_____	2" cal.	50 lbs.	2.0 bags	_____	50 lb. / 6.0 gal.
_____	3" cal.	75 lbs.	3.0 bags	_____	75 lb. / 9.0 gal.

* 93% of AxisDE Regular's absorption rate of 114% it's weight in water, is plant available water according to Labosport.