

FertileEarth
PRO FORMULA

FORMULA

4

APPLICATION GUIDE 12-12-12-6

DESERT BLEND

FIRST AID: In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention if irritation occurs. In case of skin contact, flush skin with water. If irritation occurs, seek immediate medical attention. Remove and wash contaminated clothing before reuse. If swallowed give large amounts of water and induce vomiting by touching back of throat with finger unless unconscious. Seek immediate medical attention.

IN CASE OF SPILL: Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

PHYTOTOXICITY: Plant and leaf injury may occur on some plants when not applied through a Fertile Earth Feeder when certain weather and growing conditions are present.

DIRECTIONS FOR USE For best results apply Pro Formula 4 through a Fertile Earth Feeder. It may also be applied as a foliar spray application on all turf grasses and ornamentals to enhance growth and quality, correct nutritional deficiencies and help plants rebound from stressful conditions. Pro Formula 4 may be applied as a concentrate or dilute solution through an irrigation system or by ground application. Apply with sufficient water to achieve adequate plant coverage especially during periods of low humidity and high temperature to achieve the maximum benefit of foliar fertilization. Pro Formula 4 is physically compatible with most plant protection chemicals. In the absence of published data Fertile Earth Corp. recommends testing for compatibility in all spray combinations by a simple jar test with appropriate concentrations. Care should be taken not to blend Pro Formula 4 with highly acidic materials and materials containing a high level of free ammonia or formaldehyde. Pro Formula 4 provides nitrogen, phosphorous, potassium and Sulfur for a wide variety of turf grasses desert plants, and ornamentals. Pro Formula 4 was formulated for the spoon feeding of plants where a N:P:K:S ratio of 2:2:2:1 is desired.

Pro Formula 4 Liquid to Dry Weight Conversion

	N	P	K	S
1 Gallon	1.3	1.3	1.3	0.6
2.5 Gals.	3.2	3.2	3.2	1.6
275 Gals.	353.1	353.1	353.1	176.6

FERTILE EARTH FEEDER CLICK RATE REFERENCE TABLE

Oz. of Nutrient applied per hour

CLICK RATE	LIQUID PRO FEEDER 1X				
	Fertilizer	N	P	K	S
5	25.2	3.02	3.02	3.02	1.51
7	18	2.16	2.16	2.16	1.08
10	12.6	1.51	1.51	1.51	0.76
15	8.4	1.01	1.01	1.01	0.50
20	6.3	0.76	0.76	0.76	0.38
30	4.2	0.50	0.50	0.50	0.25

PRO FEEDER 3X					
5	75.6	9.07	9.07	9.07	4.54
7	54	6.48	6.48	6.48	3.24
10	37.8	4.54	4.54	4.54	2.27
15	25.2	3.02	3.02	3.02	1.51
20	18.9	2.27	2.27	2.27	1.13
30	12.6	1.51	1.51	1.51	0.76

APPLICATION RATES

COOL SEASON GRASSES: Rates may vary from 1/3 to 1/2 pound of nitrogen (30-50 oz), per 1000 square feet each month during the growing season for a total application rate not to exceed 3 pounds of N, per year (2.3 gallons)

WARM SEASON GRASSES: Rates may vary from 1/2 to 2/3 pound of nitrogen (50-60 liquid oz.) per 1000 square feet monthly, not to exceed 6 pounds of N per year (4.6 gallons)

TEES AND GREENS: For spoon feeding tees and greens apply 2/3 to 3/4 pound of N, (60 -75 fl.oz) of Pro Formula 4 per 1000 square feet every month.

DESERT TREES AND SHRUBS: For trees apply 15 to 20 liquid ounces per caliper trunk annually. Apply so that the area below the tree canopy and one-third of the area outside the canopy will be treated.

Ounces per year

SHRUBS	SMALL	MEDIUM	LARGE
NEW	4	7	10
ESTABLISHED	8	14	20

ORNAMENTALS & NURSERY STOCK: Rates vary from 1/8 to 1/3 pound of nitrogen (12-30 liquid oz.) per 1000 square feet per month. Ornamental and nursery stock vary widely in growth habit and leaf texture. Some varieties are more susceptible to leaf or tip burn than others. It is recommended that the user apply a diluted solution to a few plants and observe for a week before general applications are made.

MIXED APPLICATIONS: Pro Formula 4 may be applied in conjunction with a pesticide program. Pro Formula 4 will help stimulate new growth, aid recovery from insect and disease damage and enhance color. Suggested rate of Pro Formula 4 is 4 ounces per gallon of spray solution.