

USA - PLANTERS KIT 5-1-1

APPLICATION RATES FOR - USA PLANTERS KIT

5 - 1 - 1 NATURAL - ALL PURPOSE ORGANIC FERTILIZER			NET WEIGHT: 25 lbs.
GUARANTEED ANALYSIS:	TOTAL NITROGEN (N)*	5%	<i>All Purpose</i> <i>Organic Fertilizer</i>
	0.05% WATER SOLUBLE		
NUTRIENTS DERIVED FROM:	4.95% WATER INSOLUBLE*		
FERMENTED COTTONSEED MEAL & SOYBEAN MEAL.	AVAILABLE PHOSPHATE (P ₂ O ₅)	1%	
	SOLUBLE POTASH (K ₂ O)	1%	

STERILIZED AND FREE OF WEED SEEDS. *4.95% Slowly Available Nitrogen from cottonseed and soybean meal.
 Not for use in organic crop production and organic food production

Also Contains Non-Plant Food Ingredients		
10.00% - Humic Acids	5% - Fulvic Acid	Derived from: Menefee Humate
Mycorrhizae		

Endomycorrhizal Fungi:	Glomus intraradices, G. mosseae, G. aggregatum, G. etunicatum (1,200 propagules/lb.)
Ectomycorrhizal Fungi:	Rhizopogan villosullus, R. luteolus, R. amylopogan, R. fulvigleba, Pisolithus tinctorius, Scleroderma Cepa, S. citrinum (2 million propagules/lb.)

Purpose Statement: The USA Planters Kit is intended to be used as organic nutrients for soil and plant growth. Supplying organic matter, nutrients and mycorrhizal fungi, along with organic acids. Aiding in the proliferation of soil microorganisms in soils and growing media. Encouraging vigorous plant and root growth. Allowing plants to more effectively utilize nutrients while reducing the leaching of nutrients, enabling soils to retain nutrients longer.

BLEND AND PRODUCED IN THE USA

Manufactured for:
 Rocky Mountain Bio Products - A Division of Bowman Construction Supply
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Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

Disclaimer of Warranties: There are no warranties, expressed, implied or indicated, which extend beyond the printed statements on this package. Under no circumstances shall Rocky Mountain Bio Products - A Division of Bowman Construction Supply Inc. be liable for any incidental or consequential damage resulting from a failure to use this product in accordance with the printed directions on this package.

Conditions: The printed directions on this package are for the protection of the user. Any use of this product not in conformity with those printed directions are at the risk of the user.

Limitations of Liability: In no event shall Rocky Mountain Bio Products - A Division of Bowman Construction Supply Inc. be liable or responsible for damages arising out of the use of this product. Store in a cool dry area, avoiding any long exposure to UV light.

Caution Statement: Avoid contact with eyes, mouth, and broken skin. Rinse contacted or irritated areas with fresh clean water. Avoid inhaling dust, if inhaled move to an area with fresh air and keep comfortable for breathing.

PREPERATION DIRECTIONS

GARDEN PREP: Care should be taken when applying fertilizer, particularly when planting young green plants. For garden preparation, the fertilizer should be spread out at least two weeks before planting young plants. When fertilizing young plants, there should be a gap of 5 cm or 1-2 inches between plants and fertilizer. May produce a harmless organic odor that may last for 3-4 waterings.

SPREADER SETTING: Measure the area for application and spread proper amount as evenly as possible, walking in both directions to achieve the best coverage. Overlapping will happen but their will not be any burn effect from over applying.

STORAGE: Keep bags in a cool dry place and protected against UV-light while storing to maintain microbe viability.

LOT Number / Expiration Date:

VEGETATION / PLANT TYPE	BY WEIGHT	BY VOLUME (DRY)	LBS PER 100 sq. ft.	WHEN TO FERTILIZE
Turf Grass				
Lawns / Sports Fields & Parks	40 lbs./1000 sq.ft. for establishing newly seeded lawns and sports fields.		4 lbs.	spring and fall
Home Use				
Lawns	20 lbs. two times a year or 50 lbs. one time a year.		2 to 5	spring and fall
Garden preparation	2 oz / square yard	1/3 cup	1.5 to 2	spring through fall
Seeded row crops	1 1/3 cup per 100 sq. ft., e.g., per 2" inch x 50' foot furrow. Sprinkle Biosol down row; plant seeds.			
House plants - 8"-10" Pots	Mix 3 oz. (1/2 cup) into top 1-2 inches and lightly cover with potting mix or top soil.			
Unfortified potting soil mixes for potted	2 cups per 1.5 cubic ft. Prior to planting a pot, do not apply topically for house plant repotting, window boxes, From pony packs to B & B. Biosol is added in hole and in medium around plant. Whether flowers, vegetables, shrubs, trees.			
Pony pack to 4 inch pots	1oz Per Plant added to backfill.			spring through fall
1 to 2 gallon pots	4-8oz (1 cup = 6oz) Per Plant added to backfill.			spring through fall
3 to 5 gallon pots	12-16oz (1 cup = 6oz) Per Plant added to backfill.			spring through fall
B & B Root ball & Burlap.	1 cup per each foot diameter root ball. Mix in medium under and directly around the root ball.			
Flower gardens (planting)	2 oz / square yard	1/3 cup	1.5 lbs	spring through fall
Vegetable gardens (planting)	2 oz / square yard	1/3 cup	1.5 lbs	spring through fall
Compost preparation	10-15 lbs/syd3			any time of the year

For Per Plant Home Use see below

Farming, Gardening & Home use Rates	Per Plant	LBS PER 100 sq.ft.	WHEN TO FERTILIZE	
Vegetables (all types)	2 oz / square yard	2 tbs	1.5 to 2	spring through fall
Corn	1,300-1,600 lbs/acre	3/4 cup	3 to 3.5	prior to cultivation
Cereals	500-900 lbs/acre	1 tbs	1 to 2	prior to cultivation
Potatoes	900-1,400 lbs/acre	1/4 cups	2 to 3	prior to cultivation
Sugar Beets	800-1,300 lbs/acre	2 tbs	2 to 3	prior to cultivation
Strawberries, Tomatoes	900-1,200 lbs/acre	2 tbs	2 to 3	late fall or spring
Young Fruit Plantation	600-800 lbs/acre	1 cup	1.5 to 3	spring or fall
Fruit Plantation	500-700 lbs/acre	3/4 cup	1 to 2	spring or fall
Berry Shrubs	600-800 lbs/acre	1 1/2 cups	1.5 to 2	spring or fall
Meadows, Pastures	800-1,000 lbs/acre		2 to 2.5	spring or fall
Trees and Shrubs				
Young Trees & Shrubs	3 oz/plant	1/2 cup	1.5 to 2	spring
Ornamental Trees, Shrubs	6 oz/square yard	1 cup	5 lbs	spring
Mature Trees	1 lb per 3 feet of tree			spring & fall

Important Measurements

EQUIVALENTS: 0.5 oz = 2 tbs; 3 oz = 1/2 cup; 6 oz = 1 cup; 2 2/3 cups = 1 lb; 13 1/3 cups = 5 lbs.

DIRECTIONS FOR USE

This material stimulates micro-organisms in the soil and is used as a primary and maintenance fertilizer. The USA planters kit will not burn vegetation when used properly. Material should be spread topically or lightly worked into the top 1-2 inches of soil. Application rates may be adjusted to fit any special soil or nutrient requirements. Do not compact the granular mix into soil for best results. Spread granular material with a conventional broadcast spreader, by a hydroseeder or by hand. Safe to be used around animals, kids and adults.

