

Bee, Bird, Bat and Butterfly Friendly™
Premium Fertilizers & Soil Amendments



Bee Friendly™

**“Best Buzz
for your Bees!!!”™**

**WHOLESALE
PRODUCT CATALOG**

14TH EDITION

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**** Price Guide in Center Section ****

Our organic fertilizers and soil amendments are formulated using only the finest organic and mineral inputs to ensure a complete balance of nutrients. All of our products are free of synthetic fertilizers and pesticides, providing you with an alternative to conventional products.

All Plan “B” Organics® Premium Organic Fertilizers and Soil Amendments are 100% environmentally friendly, are acceptable for Organic Food Production and are G.M.O. Free.

“ Best Buzz for your Bees !!! ”™

Mission Statement and Philosophy

Premium Fertilizers and Soil Amendments that are Bee, Bird, Bat and Butterfly Friendly™

Plan “B” Organics® is dedicated to creating a profitable enterprise through manufacturing and marketing the finest quality natural and organic fertilizers and by increasing awareness about natural soil management practices.

Plan “B” Organics® is committed to:

- Building a collaborative style management system
- Creating a knowledgeable human resource team in the field of natural soil management to facilitate organic fertilizer market development
- Providing the highest quality organic fertilizers and natural soil amendments
- Providing our customers with safe non-toxic products while supporting a reduction in the use of synthetic chemicals in our urban and rural environment

Paradigm Shift

Over the last decade there has been a sea change in thought regarding the use of toxic chemicals in our environment. Plan “B” Organics® is embracing this change by offering environmentally friendly natural and organic fertilizers and soil amendments as a viable alternative for farming and garden applications. The success of these products is dependent upon natural soil management. Soil fertility, its ability to support life, is crucial. The concept of soil feeding plants is the natural organic approach, whereby organic matter and minerals are added to the soil, thereby increasing the potential for biological activity. In time, a natural resistance to disease may develop. (Refer to F.A.Q. #1 for a complete comparison to conventional fertilizers)

Experience and History

Plan “B” Organics® has been manufacturing and distributing a “complete line” of organic fertilizers and soil amendments to farm and garden markets in Western USA since 2013. We have established distribution through independent garden centers for the public. Our General Manager has working in the industry since 1997.

Plan “B” Organics® provides natural soil management solutions for certified organic farmers and gardeners as well as horticultural professionals. We inventory the largest selection of organic fertilizers and natural soil amendments in the Pacific Northwest to meet the specific nutrient requirements of our varied customers.

Product Quality

All of our blended products are unique organic/natural formulations. They are not based on N-P-K technology. They are designed to increase biological activity, enhance natural biological processes and complete the mineral complex in the soil. This improves the soils ability to cycle nutrients naturally and increases plant vitality to an optimum level.

Product Performance

Customer feedback has shown success in a number of horticultural and agricultural applications. There has been satisfaction with increased natural resistance to disease and pest infestation, drought and general stress along with a number of cost saving benefits.

What Plan “B” Organics® can do for you is to provide valuable information for transitioning into natural soil management; provide premium quality natural fertilizers for your customer base; customize natural fertilizer products to meet your specific market needs; educate your staff on implementing natural soil management practices.

Opportunity

This is an innovative, ground breaking approach to external conditions changing the American horticultural industry. This is not about belief systems. This is about taking the opportunity to expand business by meeting customer needs in a changing market.

Frequently Asked Questions

How are **Plan “B” Organics**® Fertilizers Different from Conventional Fertilizers?

High N-P-K synthetic soluble fertilizers are typically designed to feed plants directly. Although this method provides desirable plant growth, these salt based fertilizers may by-pass the living organisms in the soil, and can be toxic to them. Under certain conditions, up to 70% of some soluble synthetic fertilizers can be leached from the root zone or evaporate from the soil surface rendering them ineffective. **Plan “B” Organics**® fertilizers and soil amendments do not leach from the root zone, with close to 100% becoming slowly available to the plants. Our organic fertilizers feed the soil and the organisms living in it. These soil organisms process, cycle and re-cycle nutrients creating a natural “slow release” which helps to build essential soil organic matter and improve the soil food web. **HEALTHY SOIL PRODUCES HEALTHY PLANTS.**

Will **Plan “B” Organics**® Fertilizers Burn My Plants?

When **Plan “B” Organics**® fertilizers and soil amendments are used at the application rate provided on the product packaging, burning will not occur. Care should be taken when mixing organic fertilizers into soil or growing medium as increased quantities will heat up due to microbial action, as they break down. Over application in some cases can be damaging to plant root systems.

Are There Any Plants I Should Avoid Using **Plan “B” Organics**® Fertilizers On?

Plan “B” Organics® fertilizers and soil amendments are environmentally friendly, safe, and may be used on all plants.

Why Should I Use **Plan “B” Organics**® Fertilizers on My Flowers and Ornamental Plants?

We have had numerous customers remark on the vibrant color, size, and number of blooms on their flowering plants and shrubs. Our **Plan “B” Organics**® fertilizers and soil amendments, particularly guano blends, are not only safe and environmentally friendly, they provide gardeners with outstanding results.

Is **Plan “B” Organics**® Fertilizer Safe to Use?

Some **Plan “B” Organics**® fertilizer blends are made up of very fine particles, so caution should be used when applying these products, avoid inhaling dust. All of our products are environmentally friendly and with proper use provide a safer environment for children, pets, and wildlife. However, take precautions to keep away from children and pets prior to use. Follow instructions listed on products.

Is There an Odor to **Plan “B” Organics**® Fertilizers?

Plan “B” Organics® fertilizers and soil amendments are manufactured from a variety of natural organic ingredients, some of which have distinct aroma's. Once the products have been applied to the soil they quickly break-down and the odor disappears. For example our High Nitrogen Bat Guano 12-4-2 has a pungent odor and may smell when applied to a lawn or garden until watered for the first time. The benefits from using this extremely valuable fertilizer product greatly outweigh the brief inconvenience.

Is **Plan “B” Organics**® Fertilizer More Expensive?

Plan “B” Organics® fertilizers may appear to be more expensive than some soluble fertilizers at first glance. In price comparison, it is important to compare our organic fertilizers to the highest quality slow release synthetic fertilizer products. **Plan “B” Organics**® fertilizers and soil amendments are natural slow release, build soil organic matter, and do not leach from the root zone so more of the fertilizer will be used by the plants. Over time as soil structure improves, less fertilizer will be required, significantly reducing the long term costs of fertilizing organically.

How Much **Plan “B” Organics**® Fertilizer Do I Apply?

As a general rule, follow the application rates for individual products. Because most **Plan “B” Organics**® fertilizers and soil amendments are relatively low N-P-K, higher application can be used depending on soil and growing conditions. Experienced gardeners can experiment with application rates to suit their specific needs.

When Do I Apply **Plan “B” Organics**® Fertilizers?

Although the ideal time for applying most organic fertilizers is in the autumn, they can be applied at any time of the year. When pre-mixing fertilizer into the soil in the spring, wait approximately two (2) weeks before planting when possible. This allows the soil microorganisms to start breaking down the fertilizer and make them plant available. When top dressing fertilizers during the growing season, the application rates are reduced. Refer to application rates on product packaging.

What Differences Can I Expect by Using **Plan “B” Organics**® Fertilizers and Soil Amendments?

Use of **Plan “B” Organics**® fertilizers and soil amendments will improve your soil by activating the microorganisms in it, which increases the vitality of the soil resulting in healthier plants and a more vibrant garden and landscape. Customer feedback has indicated increased resistance to insect infestation, disease, drought, and frost.



Bee Friendly™

Foliar Spray & Tea Recipe

Complete Recipe	Cuttings Transplanting	Vegetative Growth			Fruiting/Flowering Period							
		Week 1	Week 2	Week 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Mix with Water		(All measurements per gallon of water)			1Tsp=5ml / 1Tbsp=15ml			Always use unchlorinated water!				
Soluble Seaweed Extract 0-0-14	2ml		5ml		5ml			5ml	5ml	5ml		
Ultra Mycho Plus™	0.5ml		0.5ml	0.5ml	0.5ml		0.5ml		0.5ml	0.5ml		
A.C.E.™ Spray		30ml	30ml	30ml	30ml	30ml	30ml					
Foliar Spraying		Amount used depends on size of plants being fed. Aerate and agitate water for 12-24 hours with ingredients in cloth mesh bag then filter and spray. When combining more than one type of guano, be sure not to exceed more than a combined total of 2-4 Tbsp. per gallon of water.										
Worm Castings		7ml	7ml		7ml	7ml	15ml					
Ultra Compost		7ml	7ml	7ml	15ml	5ml	15ml					
Soluble Seaweed Extract 0-0-14		5ml	5ml	5ml	5ml	15ml	15ml					
High Nitro Bat Guano 7-3-1		5ml	5ml	7ml	7ml	7ml	7ml					
MPP 0-9-0					7ml	7ml	7ml					
Crab Powder		5ml		5ml	5ml		5ml					
SolJah Frass™ 3-2-2		5ml	5ml	7ml	7ml	7ml	7ml					
Tea Applications		All measurements per gallon of water. Aerate and agitate water for 12-24 hours with ingredients in HONEY POT™ EXTRACTOR BAG. Stir vigorously and water immediately. Use 2-3 tea applications per week as a substitute for the nutrients mixed with water.										
Worm Castings		15ml	15ml	15ml	15ml	15ml	30ml	30ml	30ml	30ml		
Ultra Compost		15ml	15ml	15ml	30ml	30ml	30ml	30ml	30ml	30ml		
SolJah Frass™ 3-2-2		10ml	15ml	15ml	15ml	15ml	15ml					
Soluble Seaweed Extract 0-0-14		10ml	10ml	10ml	15ml	15ml	15ml	15ml	15ml	15ml		
Ultra Mycho Plus™		0.5ml	0.5ml		0.5ml			0.5ml	0.5ml	0.5ml		
High Nitro Bat Guano 7-3-1			15ml	15ml	15ml		15ml					
MPP 0-9-0				15ml	15ml	15ml	15ml		30ml			
Crab Powder		15ml		15ml	15ml		15ml					

Working with Plan "B" Organics® Premium Potting Soil Plants that take longer than 8 weeks to mature can continue to be fertilized past the 6th week of this feeding schedule accordingly

Plan "B" Organics® Fluffy Blend™ also has charge in it so to avoid burning your garden soil, it is to be used with Ultra Mycho Plus™ water, plain water, Cal-Mag watering and/or foliar spraying.

Fluffy Blend™ ingredients: cococonut fiber, peatmoss, compost, perlite, pumice, composted dairy manure, worm castings, seabird guano, crab meal/powder, glacial rock dust, dolomite (pH Control), oyster shell flour (pH Control), kelp meal, bone meal, blood meal.

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. After 1st watering wait 4-7 days or as required for root growth expansion to occur. 2nd watering may be within 3-5 days or as required. 3rd watering may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired. Weekly foliar sprays may be applied until fruit, flower or vegetable set occurs. Transplant to larger containers required. After the 2-4 week plain watering schedule, Ultra Mycho Plus™ watering and/or Cal-Mag fertilizer teas and top dressing fertilizers may be applied as desired. Return to plain watering for 2-4 weeks or as desired prior to harvest. Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering and/ or foliar spraying may be used as desired. When using soil it states foliar times on bag as well.



Top Dressing & Bulk Mixing Guide



Bee Friendly™

Complete Recipe	Cuttings Transplanting	Vegetative Growth			Fruiting/Flowering Period							
		Week 1	Week 2	Week 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Top Dressing	(All measurements per gallon of soil) 1Tsp=5ml / 1Tbsp=15ml 1/4cup=65ml							Mix Guanos and Glacial Rock Dust with Ultra Mycho Plus™, Ultra Compost and Worm Castings before top dressing!				
Ultra Compost	5ml		5ml			10ml			10ml			
Worm Castings	5ml		5ml			10ml			10ml			
Ultra Mycho Plus™			5ml		5ml		5ml		5ml			
High Nitro Bat Guano 7-3-1			5ml	5ml								
MPP 0-9-0		5ml			5ml		5ml		5ml			
Seabird Guano 13-11-2			5ml	5ml								
Crab Meal / Crab Powder			5ml	5ml		5ml		5ml				
TLB™: Teak Leaves Blend™	5ml		5ml			10ml			10ml			
Neem Cake			5ml		5ml		5ml		5ml			
Land & Sea Ultra Blend™ 9-1-5			5ml	5ml								

Bulk Mixing Guide	Amount used depends on size of plants being fed. When combining more than one type of guano, be sure not to exceed more than a combined total of 1-2 Tsp. per gallon of soil.		
Ultra Mycho Plus™	1-4 lbs / yd	African Nightcrawler Worm Casting	5-15% total volume
High Nitro Bat Guano 7-3-1	4-8 lbs / yd	Red Wiggler Worm Casting with Bat Guano	5-15% total volume
MPP 0-9-0	4-8 lbs / yd	Composted Dairy Manure with Bat Guano	2-12% total volume
Seabird Guano 13-11-2	2-6 lbs / yd	Ultra Compost	5-15% total volume
SolJah Frass™ 3-2-2	1-4 lbs / yd	TLB™: Teak Leaves Blend™	2-12% total volume
GRD: Glacial Rock Dust	4-12 lbs / yd	Neem Cake	1/4 cup - 2lbs / yd
VRD™: Volcanic Rock Dust™	4-12 lbs / yd	Coconut Coir	15-45% / yd
VO™: Volcanic Ore™	4-12 lbs / yd	Crab Meal / Crab Powder	4-8 lbs / yd
		Land & Sea Ultra Blend™ 9-1-5	4-8 lbs / yd

Working with Plan "B" Organics® 238 Special™, I-5 Mix™ and Original Special Blend™ Soils

Plan "B" Organics® Premium Potting Soil has charge in it, so to avoid burning your garden soil, it is to be used with Ultra Mycho Plus™ water, plain water, Cal-Mag watering and/or foliar spraying. **Plan "B" Organics® I-5 Mix™, Fluffy Blend™, 238 Special Blend™ and Original Special Blend™ Soils** are to be used in outdoor gardening applications. Both soils contain charge, so to avoid burning your garden soil, they are to be used with Ultra Mycho Plus™ water, plain water, Cal-Mag watering and/or foliar spraying.

238 Special™ ingredients: see page 25
I-5 Mix™ ingredients: see page 28
Original Special Blend™ Ingredients: see page 26
Fluffy Blend™ Ingredients: see page 27

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. After 1st watering wait 4-7 days or as required for root growth expansion to occur. 2nd watering may be within 3-5 days or as required. 3rd watering may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired. Weekly foliar sprays may be applied until fruit, flower or vegetable set occurs. Transplant to larger containers required. After the 2-4 week plain watering schedule, Ultra Mycho Plus™ watering and/or Cal-Mag fertilizer teas and top dressing fertilizers may be applied as desired. Return to plain watering for 2-4 weeks or as desired prior to harvest. Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering and/ or foliar spraying may be used as desired. When using soil it states foliar times on bag as well.





HONEY POT™

EXTRACTOR BAG



With the **HONEY POT EXTRACTOR BAG**, you can use your favorite **PLAN "B" ORGANICS** worm castings, Ultra Compost and fertilizers to make instant compost teas, foliar sprays and liquid fertilizers to produce better results, save money and improve the environment at the same time. Use it to take advantage of carbon-positive growing methods that are proving to outperform conventional and organic practices.

Features:

- Instant compost tea in any container — no brewer needed!
- Durable, heavy-duty construction means NO rips or blowouts.
- Large-capacity mesh screen for maximum extraction.
- Submersible Technology™
- Zipper closure for ease of use

Available Size: 17" x 24" long

DIRECTIONS FOR USE:

STEP 1: Fill a clean bucket, barrel or cistern with water.

STEP 2: Add compost ingredients to bag (according to product instructions), close zipper, slide pole through hanging loops. Place in the bucket and fully submerge under water.

STEP 3: i) Massage bag by hand in water for 2-5 minutes. Apply tea immediately as a foliar spray and/or root drench.

or ii) Aerate and agitate water for 12-24 hours with ingredients in cloth mesh bag. Stir vigorously and water immediately.

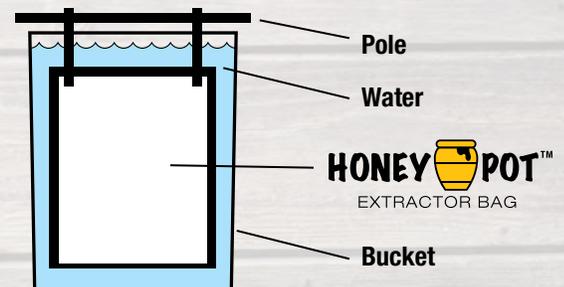
Apply tea immediately as a foliar spray and/or root drench. Use only 2 tea applications per week as a substitute for the nutrients mixed with water.

STEP 4: pH solution before desired application

6.2-6.4 pH for Grow

6.8-7.0 pH for Bloom

Note: sold 20 HoneyPot™ Extractor bags per case.





HIGH NITRO BAT GUANO 7-3-1

PLAN "B" ORGANICS® HIGH NITRO BAT GUANO is produced by insect eating bats in Indonesia and may produce vigorous growth and may increase the size and quantity of foliage in vegetative plants. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: Up to 22 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. per gal. into a mesh bag, never loose in solution. **For tea mix:** 2 tbsp. per gal. into a mesh bag, never loose in solution. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: bat guano

Guaranteed Analysis:

Total Nitrogen (N)	7.00%
3.00% Water Soluble Nitrogen	
4.00% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	3.00%
Soluble Potash (K ₂ O)	1.00%

Product of Indonesia (CDFA/OG)



AVAILABLE IN:

**5 lb
2.27 kg**

**44 lb
19.95 kg**





HIGH PHOS BAT GUANO

3-6-1

PLAN "B" ORGANICS® HIGH PHOS BAT GUANO is 42% organic matter and produced by insect & fruit eating bats in Indonesia. It contains high levels of phosphate and exceptional amounts of calcium. It may produce vigorous growth and may increase the size and quantity of foliage in vegetative plants and the size and quantity of blooms in all flowering plants. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: Up to 22 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **For tea mix:** 2 tbsp. per gal. into a mesh bag, never loose in solution. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: bat guano

Guaranteed Analysis:

Total Nitrogen (N)	3.00%
1.25% Water Soluble Nitrogen	
1.75% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	6.00%
Soluble Potash (K ₂ O)	1.00%
Calcium (Ca)	4.00%

Product of Indonesia (NOP)

AVAILABLE IN:

**5 lb
2.27 kg**

**44 lb
19.95 kg**



MPP™: MINERALIZED PHOSPHATE POWDER™ 0-9-0

PLAN "B" ORGANICS® MPP™: MINERALIZED PHOSPHATE POWDER™ is found in Indonesian caves where fruit eating bats live and screened through 200 mesh screen for consistency. It contains high levels of phosphate and exceptional amounts of calcium. It may increase the size and quantity of blooms in all flowering plants. This product can be used in gardens, landscaping, containers, and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: Up to 25 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **For tea mix:** 2 tbsp. per gal. into a mesh bag, never loose in solution. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: rock phosphate

Guaranteed Analysis:

Available Phosphate (P ₂ O ₅)	9.00%
Calcium (Ca)	10.00%

Product of Indonesia (CDFA/OG)



AVAILABLE IN:

**5 lb
2.27 kg**



**55 lb
25 kg**



GUANO





SEABIRD GUANO

13 - 11 - 2

Plan "B" Organics® SEABIRD GUANO is a fast acting fertilizer with high levels of nitrogen and phosphorus and a lower level of potassium. It is the ultimate formulation which may produce explosive vegetative growth. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions: For Commercial Agricultural use: Apply at rates of 400 to 800 pounds per acre. **For Home and Garden use:** Apply 10 lbs per 1000 ft² or 1.5 ounces per 10 ft². **For use in containers:** Apply 3 teaspoons per 10 inch pot, 2 teaspoons per 6 inch pot, and 1 teaspoon per 4 inch pot. Work into soil about an inch deep and water thoroughly to activate the product. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: seabird guano

Guaranteed Analysis:

Total Nitrogen (N)	13.00%
5.6% Water Soluble Nitrogen	
8.2% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	11.00%
Soluble Potash (K ₂ O)	2.00%
Calcium (Ca)	6.45%
Sulfur (S)	1.76%

Product of Peru (NOP)

AVAILABLE IN:

Pellet or Powder

5 lb / 2.27 kg

25 lb / 13.34 kg

50 lb / 22.68 kg





ULTRA BLOOM GUANO BLEND

5-7-4

PLAN "B" ORGANICS® ULTRA BLOOM GUANO BLEND is the ultimate combination of bat and seabird guanos in a formulation that may produce explosive vegetative growth and flowering in roses and all flowering plants. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: Up to 25 lbs. per 1000 ft with raised 2". Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 2 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 2 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **For tea mix:** 2 tbsp. per gal. into a mesh bag, never loose in solution. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: seabird guano and bat guano

Guaranteed Analysis:

Total Nitrogen (N)	5.00%
3.00% Water Soluble Nitrogen	
2.00% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	7.00%
Soluble Potash (K ₂ O)	4.00%

Product of Canada combined with ingredients from Indonesia, Peru and the Philippines (NOP)

AVAILABLE IN:

5 lb
2.27 kg

25 lb
11.34 kg

50 lb
22.68 kg



SOLJAH FRASS™

3-2-2

PLAN "B" ORGANICS® SOLJAH FRASS™ is derived from Black Soldier Fly larvae that are raised in an enclosed environment and fed a vegetarian diet. The **SOLJAH FRASS™** is screened to separate it from the larvae, then dried to remove residual moisture. It is all natural, additive-free Black Soldier Fly guano without any added by products. **SOLJAH FRASS™** is great for gardens, landscaping, containers and raised beds, for vegetables, fruits, flowers, herbs, vines, trees, and shrubs.

Directions for use in the garden and landscape: Add up to 5 lbs. of insect frass per 100 ft². Gently dig in to top 6 inches of soil and water thoroughly. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Pre-Mix for Soil or Potted Plants, trees, shrubs, vines, herbs, & flowers:** Mix up to 1 cup per cubic foot soil or potting medium. **Top dressing:** 2 times a month with frass and water thoroughly. Mix up to 1 cup insect frass per cubic foot soil or potting medium. **For tea mix:** 1-2 tsp. insect frass per gallon water or nutrient solution, depending on size of plants. Keep well aerated. As well, add up to 1/2 cup insect frass per gallon of water depending on size of plants. Use **HONEY POT™ Extractor Bag** for best results. **Foliar Spray:** 1-2 tsp. per gallon. For best results use weekly, not in direct sunlight and under 80°F (27°C). Apply to top and bottom of leaves. Use within 2 hours of mixing. Discard excess as root drench or refrigerate for up to 1 week. Do not store at room temperature. **Hydroponic additive:** 1-2 tbsp. insect frass per gallon nutrient solution. Keep well aerated. **Root drench:** 1-2 tbsp. insect frass per gallon nutrient solution. Keep well aerated.

Guaranteed Analysis:

Total Nitrogen (N)	3.00%
1.19% Water Soluble Nitrogen	
1.81% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	2.00%
Soluble Potash (K ₂ O)	2.00%

Derived from: Herbivore insect frass

Product of Canada (NOP)

AVAILABLE IN:

3 lb
1.36 kg



44 lb
20 kg



1540 lb
700 kg



GUANO

A.C.E™ SPRAY

AURO CYMBO EYPHOR

PLAN "B" ORGANICS® A.C.E™ Spray May be used as an EC Fungicide/ Insecticide as well as a natural Insecticide/Repellent Oil to help with Plant Protection. May be used on target pests such as broad mites, spotted mites, thrips, white flies, moths, caterpillars, cut worms, ants, nematodes. May be used as a EC Fungicide as well as a natural Insecticide/ Repellent Oil to help with Plant Protection. May help to repel pests such as moles, voles, squirrels, deer, birds, snakes, cats, and dogs from entering desired gardening areas. May be applied as a dormant oil spray and reapplied weekly or after periods of rain. May be used as a spray directly on the garden or applied to the root zone via standard irrigation techniques. May be used as a Repellent Oil in and around desired gardening areas not only applied on plants but to the immediate surrounding areas. This product can be used in gardens, landscaping, containers, and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Mixing Directions: Mix well before use. Liquid Formulations: A.C.E™ Spray should be added to the spray water after all other pesticides are added and dissolved. **Directions for use: All Food Crops/Herbs:** Use 2 TBL per gallon of water. Use for the control of mites, thrips, white fly, aphid and bacterial spot. Use 1/2 to 2 pints per acre at a maximum concentration of 3%. Use for the control of aphid and bacterial spot. **Dormant Orchard Sprays:** (100-500 Gallons per acre) Use 2-4% of the total amount of water. For the control of red scale and mildew. **Citrus Sprays:** (100-500 Gallons per acre) Use 1% of the total amount of water. For the control of red scale, aphid, mealybug and thrip. **Lettuce, Cole Crops, Spinach, Beets, Radishes and other vegetables:** Use 1/2 to 2 pints per acre at a maximum concentration of 3%. Use for the control of aphid. **DO NOT APPLY AT COTYLEDON STAGE (Two Leaf).** **Squash, Melons, Cucumbers:** Use 1/2 to 2 pints per acre at a maximum concentration of 3%. Use for the control of aphid. **DO NOT APPLY AT COTYLEDON STAGE (Two Leaf).** **Herbs:** Use 2 TBL per gallon of water. Use 1/2 to 2 pints per acre at a maximum concentration of 3%. Use for the control of mites, thrips, white fly, aphid and bacterial spot. **Tomatoes:** Use 1/2 to 2 pints per acre at a maximum concentration of 3%. Use for the control of aphid and bacterial spot. **Potatoes:** Use 1/2 to 2 pints per acre at a maximum concentration of 5%. Use for the control of aphid and plant bugs. **Beans:** Use 1/2 to 2 pints per acre at a maximum concentration of 5%. Use for the control of aphid. **Cotton:** Use 1/2 to 2 pints per acre at a maximum concentration of 5%. Use for the control of aphid and white fly. **Wheat:** Use 1/2 to 2 pints per acre at a maximum concentration of 5%. Use for the control of wheat aphid. **Grapes:** Use 1/2 to 2 quarts per acre at a maximum concentration of 5%. Use for the control of aphid, leafhopper, and mildew. **Peaches, Plums, Nectarines, Apricots, Walnuts, Pistachios, Almonds, Pecans:** Use 2 to 4 quarts per acre at a maximum concentration of 5%. Use for the control of aphid.

Active Ingredients:

- Castor Oil 65%
- Clove Oil 20%
- Rosemary Oil 10%
- Cinnamon Oil 5%

Product of Indonesia (NOP)



AVAILABLE IN:



1L



5L



PLANT PROTECTION





CRAB MEAL

Plan "B" Organics® CRAB MEAL contains an exceptional amount of calcium. It may help improve soil texture, water holding capacity and soil aeration for better root development.

Directions for use in the garden and landscape: Up to 20 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 2 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 2 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **For tea mix:** 2 tbsp. per gal. into a mesh bag, never loose in solution. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: crab meal

Guaranteed Analysis:

Calcium (Ca) 15.00%

Product of Thailand (NOP)

AVAILABLE IN:

5 lb
2.27 kg

40 lb
18.14 kg



CRAB POWDER

Plan "B" Organics® CRAB POWDER contains an exceptional amount of calcium. It is refined through a 400 mesh screen for consistency and is soluble for spray applications (see Tea Mix instructions). **Directions for use in the garden and landscape:** Up to 20 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired.

Transplanting and premixing soil for potted plants and planter boxes: 2 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired.

Top dressing: 2 tsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **For tea mix:** 2 tbsp. per gal. into a mesh bag, never loose in solution. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: crab meal

Guaranteed Analysis:

Calcium (Ca) 18.00%

Product of Thailand (NOP)



AVAILABLE IN:

5 lb
2.27 kg



40 lb
18.14 kg



FERTILIZERS



LAND & SEA ULTRA BLEND™ 9-1-5

Plan "B" Organics® LAND & SEA ULTRA BLEND™ 9-1-5 contains high levels of nitrogen and high levels of calcium for extreme growth. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: In the garden: Add Land & Sea Ultra Blend™ to your garden each year in the spring or early summer, before planting. Till the soil to a depth of 5" - 10", then apply 20 lbs per 1000 ft². **Top dressing: Container Plantings:** During week 2 of growing period, add 1 tsp compost mixed with worm castings and/or potting soil as a top layer. During flowering period, add 2 tsp mixed with worm castings and/or potting soil in weeks 2 & 5.

For Tea Mix: 2 Tbsp. per gal. weekly during growing period, 1 Tbsp. per gal. weekly during flowering period (weeks 1-6). Use **HONEY POT™ Extractor Bag** for best results. **Trees and shrubs:** Mix compost with soil from the hole dug for planting a tree or shrub. Use a mixture of 1/3 compost to 2/3 soil. Use this mixture to fill the bottom of the hole around the rootball and water. Mix in Land & Sea Ultra Blend™. **Mulch:** In early summer, spread a 2"- 6" layer of compost on the soil around plants and trees. This may help conserve water and protect against soil erosion. When spreading compost around trees, start roughly 6" from the trunk and work outward. Avoid any direct contact with the trunk. Use Land & Sea Ultra Blend™, 3-5lbs per tree. **On the lawn:** For lawns, use 22lbs per 1000 ft². Repeat in early spring, mid summer, and again in late summer/early fall. For new lawns put 4" - 6" of compost on the soil and till to a depth of 5" - 8". **For existing lawns:** For new lawns use 11lbs-22lbs per 1000 ft². Apply a thin layer up to a 1/4" of fine compost on the lawn and water it in well. This can be done year round to improve nutrient levels while reducing watering needs. **To fill in patches:** Create a mixture of 30% compost, 60% top soil, 10% grass seed. Spread a 2"- 4" layer over the patch and water thoroughly. Use 1 Tbsp. of Land & Sea Ultra Blend™.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: Feather Meal (dried and ground feathers and virtually all water insoluble nitrogen), sesame meal, shrimp meal, crab meal, palm ash

Guaranteed Analysis:

Total Nitrogen (N)	9.00%
3.55% Water Soluble Nitrogen	
5.45% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	1.00%
Soluble Potash (K ₂ O)	5.00%
Calcium (Ca)	4.00%
Iron (Fe)	0.24%
Sodium (Na)	0.48%

Product of Thailand (CDFA/OG)



AVAILABLE IN:

5 lb
2.27 kg

40 lb
18.14 kg



NEEM CAKE

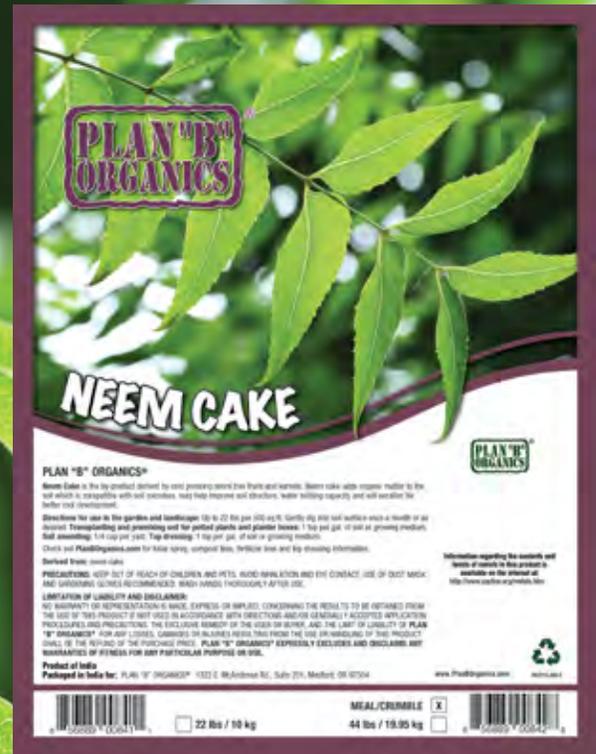
Plan "B" Organics® NEEM CAKE is the by-product derived by cold pressing neem tree fruits and kernels. It may reduce soil alkalinity during decomposition and may be compatible with soil microbes. Neem cake may help improve soil texture, water holding capacity and soil aeration for better root development. Neem cake can be mixed with bat guano and other organic fertilizers to promote the slow release of nitrogen.

Directions for use in the garden and landscape: Up to 22 lbs per 500 ft². Gently dig into soil surface once a month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tsp per gal. of soil or growing medium. **Soil amending:** 1/4 cup per yard. **Top dressing:** 1 tsp per gal. of soil or growing medium.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: neem cake

Product of India (NOP)



AVAILABLE IN:

Meal / Crumble

5 lb / 2.27 kg

44 lb / 19.95 kg





VRD™ VOLCANIC ROCK DUST™

Plan “B” Organics® VRD™: VOLCANIC ROCK DUST™ is found 4 degrees above the equator in an ultra rich, tropical, microclimate in Indonesia and is screened through 200 mesh screen for consistency. It is bountiful in trace and essential minerals that plants may need to thrive and can be used in gardens, landscaping, farms, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees, shrubs, lawns, and as a compost additive.

Directions for use in the garden and landscape: Up to 25 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tbsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 1 tbsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Guaranteed Analysis

Calcium (Ca)	3.25%
Magnesium (Mg)	2.50%
Iron (Fe)	3.50%
Sodium (Na)	0.10%

Derived from: Basalt

Product of Indonesia (CDFA/OG)



AVAILABLE IN:

**5 lb
2.27 kg**

**55 lb
25 kg**



VOLCANIC ORE

Plan "B" Organics® VOLCANIC ORE is found 4 degrees above the equator in an ultra rich, tropical, microclimate in Indonesia. It is bountiful in iron and contains naturally occurring hydrophobic Fulvic Acid that plants may need to thrive.

Directions for use in soil: 1/2-1 cup per cubic foot of soil. **Top dressing:** 1/4-1cup per cubic foot of soil, 1/2-1 cubic foot per yard of soil, 50-150 lbs per acre. Gently dig into soil surface once a month or as desired. **Compost Tea:** 1/2-2 ounces per gallon of water with a compost tea extractor bag. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Guaranteed Analysis

Iron (Fe) 2.50%

Derived from: basalt

Product of Indonesia (CDFA/OG)



AVAILABLE IN:

5 lb
2.27 kg

44 lb
19.95 kg





GRD: GLACIAL ROCK DUST

Plan "B" Organics® GRD: GLACIAL ROCK DUST is bountiful in trace and essential minerals that plants may need to thrive. Plan "B" Organics® GRD: Glacial Rock Dust is 100% pure Canadian glacial moraine. This product can be used in gardens, landscaping, farms, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees, shrubs, lawns, and as a compost additive.

Directions for use in the garden and landscape: Up to 55 lbs. per 1000 ft². Gently dig into soil surface once per month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1 tbsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Top dressing:** 1 tbsp. per 1 gal. of soil or growing medium. Gently dig into soil surface once a month or as desired. **Pasture and Field Crops:** 100 lbs. per acre annually, higher applications may be appropriate depending on soil condition. Glacial Rock Dust will not burn plants. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: glacial rock dust (glacial moraine)

Guaranteed Analysis

Calcium (Ca)	2.00%
Magnesium (Mg)	1.00%
Iron (Fe)	2.90%
Manganese (Mn)	0.06%

Product of Canada (CDFA/OG)



AVAILABLE IN:

5 lb / 2.27 kg

50 lb / 22.68 kg

Bulk



SOLUBLE SEAWEED EXTRACT

0-0-14

Plan "B" Organics® SOLUBLE SEAWEED EXTRACT is an extract made from North Atlantic kelp (*Ascophyllum nodosum*). Only the highest quality north atlantic kelp is used in the production of our seaweed extract. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: Up to 1lb. per acre, or up to ½ oz. per 1000 ft². Mix with enough water to cover the area intended and spray directly on to foliage and or soil. **Transplanting and premixing soil for potted plants and planter boxes:** 1/4 to 1 tsp. per 1 gal. of soil or growing medium. Mix with enough water to cover the area intended and spray directly on the soil. **For tea mix:** Dissolve 1/4 to 1 tsp. per 1 gal. of water and add to desired tea mix. Use **HONEY POT™ Extractor Bag** for best results.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: ascophyllum nodosum

Guaranteed Analysis:

Soluble Potash (K₂O) 14.00%

Product of Canada (NOP)

AVAILABLE IN:

1 lb
0.34 kg



3 lb
1.36 kg



44 lb
19.95 kg





PREMIUM POTTING SOIL

Plan "B" Organics® PREMIUM POTTING SOIL with BAT GUANO combines over 12 of our top selling products in one "super soil" to give you incredible results. It can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Ingredients: coconut coir, perlite, pumice, sphagnum peat moss, compost, earthworm castings, bat guano, fishbone meal, basalt, neem cake, herbivore insect frass, crab meal/powder, glacial rock dust, kelp meal, feather meal, blood meal, dolomite (pH adjuster), seabird guano, soybean meal, bone meal, oyster shell flour (pH adjuster), alfalfa meal, meat meal

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. After 1st watering wait 4-7 days or as required for root growth expansion to occur. **2nd watering** may be within 3-5 days or as required. **3rd watering** may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired. Soil is to be used w/ Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering & or foliar spraying.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA combined with ingredients from Canada, India, Indonesia, Philippines and Thailand (CDFA/OG + NOP Sourced)

AVAILABLE IN:

1.5 ft³ / 42 Liters



2 yd. tote / 1,530 L



3 yd. tote / 2,294 L



Bulk Yard



THE 238 SPECIAL™

Plan "B" Organics® 238 SPECIAL™ with BAT GUANO is a premium potting soil to be used in gardens, landscaping, containers and raised beds for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Ingredients: coconut fiber, compost, perlite, pumice, composted dairy manure, earthworm castings, seabird guano, bat guano, crab meal/powder, glacial rock dust, basalt rock dust, dolomite (pH Control), feather meal, bone meal, blood meal, alfalfa meal, soybean meal, kelp meal

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. After **1st watering** wait 4-7 days or as required for root growth expansion to occur. **2nd watering** may be within 3-5 days or as required. **3rd watering** may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired. To avoid burning your garden, soil is to be used w/ Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering & or foliar spraying. When using soil, foliar times are indicated on the bag.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA combined with ingredients from Canada, India, Indonesia, Peru and Thailand (CDFA/OG + NOP Sourced)

AVAILABLE IN:

1.5 ft³ / 42 Liters



2 yd. tote / 1,530 L



3 yd. tote / 2,294 L



Bulk Yard





THE ORIGINAL SPECIAL BLEND™

Plan "B" Organics® THE ORIGINAL SPECIAL BLEND™ with BAT GUANO is a premium potting soil to be used in gardens, landscaping, containers and raised beds for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Ingredients: coconut fiber, compost, pumice, composted dairy manure, earthworm castings, seabird guano, bat guano, crab meal/powder, glacial rock dust, basalt rock dust, dolomite (pH Control), feather meal, bone meal, blood meal, alfalfa meal, soybean meal, kelp meal

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. **After 1st watering** wait 4-7 days or as required for root growth expansion to occur. **2nd watering** may be within 3-5 days or as required. **3rd watering** may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired.

To avoid burning your garden, soil is to be used w/ Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering & or foliar spraying. When using soil, foliar times are indicated on the bag.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA combined with ingredients from Canada, India, Indonesia, Peru and Thailand (CDFA/OG + NOP Sourced)

AVAILABLE IN:

1.5 ft3 / 42 L



2 yd. tote / 1,530 L



3 yd. tote / 2,294 L



Bulk Yard



FLUFFY BLEND™

Plan "B" Organics® FLUFFY BLEND™ with BAT GUANO is a premium potting soil to be used in gardens, landscaping, containers and raised beds for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Ingredients: coconut coir, perlite, pumice, sphagnum peat moss, kelp meal, bone meal, oyster shell flour (pH control), crab powder, earthworm castings, seabird guano, bat guano, volcanic rock dust

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. After **1st watering** wait 4-7 days or as required for root growth expansion to occur. **2nd watering** may be within 3-5 days or as required. **3rd watering** may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired.

To avoid burning your garden, soil is to be used w/ Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering & or foliar spraying. When using soil, foliar times are indicated on the bag.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA combined with ingredients from Canada, India, Indonesia, Peru and Thailand (CDFA/OG + NOP Sourced)

AVAILABLE IN:

1.5 ft³ / 42 Liters



2 yd. tote / 1,530 L



3 yd. tote / 2,294 L



Bulk Yard





I-5 MIX™

Plan "B" Organics® I-5 MIX™ POTTING SOIL with BAT GUANO can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Ingredients: coconut fiber, pumice, composted dairy manure, earthworm castings, fish compost, seabird guano, bat guano, dolomite (pH Control), crab meal/powder, glacial rock dust, basalt rock dust, alfalfa meal

Instructions for use: Plant in moist soil & wait 1-2 days prior to initial watering. After **1st watering** wait 4-7 days or as required for root growth expansion to occur. **2nd watering** may be within 3-5 days or as required. **3rd watering** may allow the root growth expansion and contraction to occur regularly. Continue watering on a 3 day schedule or as required. During the recommended 2-4 week Ultra Mycho Plus™ watering, plain watering and/or Cal-Mag watering, may be used as desired. Plan "B" Organics® I-5 MIX™ also has a charge in it, so to avoid burning your garden, soil is to be used w/ Ultra Mycho Plus™ watering, plain water and/or Cal-Mag watering & or foliar spraying. When using soil it states foliar times on bag as well.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA combined with ingredients from Canada, India, Indonesia, Peru and Thailand (CDFA/OG + NOP Sourced)

AVAILABLE IN:

1.5 ft³
42 L

2 yd. tote
1,530 L

Bulk Yard



ULTRA MYCHO PLUS™

Plan "B" Organics® ULTRA MYCHO PLUS™ may increase the surface absorbing area of roots many times, improving access to soil resources which could also improve the effectiveness of the root systems ability to absorb nutrients and water. This product can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

DIRECTIONS: Garden areas: Scatter 1 lb. per 50 ft². on beds and work into the top 4-6 inches of soil. **Potting soils:** Blend in 1 cup (0.5 lb.) per cubic ft. of potting mix. **Existing plants:** Scatter and scratch material into top layer of soil around plants, or probe down into root zones of container plants. For each plant 1 tsp.-1 tbsp. per planting. **NOTE:** For best results, use only with gradual release lower-analysis organic fertilizers. Stronger synthetic fertilizers can harm the mycorrhizal fungi.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Derived from: glacial rock dust (dacite)

Guaranteed Analysis

Magnesium (Mg)	1.08%
Iron (Fe)	3.52%
Sodium (Na)	0.11%

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Endomycorrhizal fungi spores. 20 prop/gram each of: Glomus intraradices, G. mosseae, Glomus aggregatum, G. etunicatum; 2000 prop/gm each of: Rhizopogon villosullus, Rhizopogon luteolus, Rhizopogon amylopogon, Rhizopogon fulvigleba; 80,000 prop/gm of Pisolithus tinctorius; 4000 prop/gm each of Scleroderma citrinum, Scleroderma cepa.

SAFETY: Persons allergic to fungi or molds should wear protective gloves and a dust mask when handling. Avoid contact with open cuts. If material gets in eyes, flush with water and see a doctor if any irritation persists.

Product of the USA combined with ingredients from Canada (NOP)

AVAILABLE IN:

1 lb
0.45 kg

5 lb
2.25 kg

20 lb
11.34 kg

40 lb
22.68 kg





RED WIGGLER WORM CASTINGS with BAT GUANO

PLAN "B" ORGANICS® RED WIGGLER WORM CASTINGS with BAT GUANO are farmed outside in windrows of composted dairy manure. The Plan "B" Organics® Red Wiggler Worm Castings with Bat Guano contain some residual vermicompost material but there are no additives of any kind used in the final production.

Directions for use in the garden and landscape: Up to 1ft³. per 500 ft². Gently dig into soil surface once a month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1/4 cup per gal. of soil or growing medium. **Top dressing:** 1/4 cup per gal. of soil or growing medium. **For tea mix:** 1/4 cup per gal. Apply once a month or as desired. Gently dig into soil surface. Use **HONEY POT™ Extractor Bag** for best results.

Ingredients: worm castings, vermicompost, bat guano

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA (NOP) combined with ingredients from Indonesia (CDFA/OG)

AVAILABLE IN:

1 ft³
28 L

2 yd. tote
1,530 L



AFRICAN NIGHTCRAWLER WORM CASTINGS

PLAN "B" ORGANICS® AFRICAN NIGHTCRAWLER WORM CASTINGS are farmed in a climate controlled environment in Canada or the USA. These exceptional worm castings are provided in their purest form. There are no additives of any kind used in the final production. This all natural product does not contain manure or any other animal by-products. Our worm castings can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: Up to 1ft³. per 500 ft². Gently dig into soil surface once a month or as desired. **Transplanting and premixing soil for potted plants and planter boxes:** 1/4 cup per gal. of soil or growing medium. **Top dressing:** 1/4 cup per gal. of soil or growing medium. **For tea mix:** 1/4 cup per gal. Apply once a month or as desired. Gently dig into soil surface. Use **HONEY POT™ Extractor Bag** for best results.

Ingredients: worm castings

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of Canada (CDFA/OG)



AVAILABLE IN:

2.1 qt
2 L

1 ft³
28 L

2 yd. tote
1,530 Liters



WORM CASTINGS





ULTRA COMPOST

PLAN "B" ORGANICS® ULTRA COMPOST is cured to kill pathogens and weed seeds, ensuring a premium product that may be essential for organic farms and gardens. In all, the materials are composted and cured. This product can be used in gardens, landscaping, containers, and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: In the garden: Add compost to your garden each year in the spring or early summer, before planting. Till the soil to a depth of 5" - 10", then apply 4" of compost on top and till once more to mix. **Top dressing: Container Plantings:** During week 2 of growing period, add 1 tsp compost mixed with worm castings and/or potting soil as a top layer. During flowering period add 2 tsp mixed with worm castings and/or potting soil in weeks 2 & 5. **For Tea Mix:** 1 Tbsp. per gal. weekly during growing period, 2 Tbsp. per gal. weekly during flowering period (weeks 1-6). Use **HONEY POT™ Extractor Bag** for best results. **Trees and shrubs:** Mix compost with soil from the hole dug for planting a tree or shrub. Use a mixture of 1/3 compost to 2/3 soil. Use this mixture to fill the bottom of the hole around the rootball and water. **Mulch:** In early summer, spread a 2" - 6" layer of compost on the soil around plants and trees. This may help conserve water and protect against soil erosion. When spreading compost around trees, start roughly 6" from the trunk and work outward. Avoid any direct contact with the trunk. **On the lawn:** For new lawns put 4" - 6" of compost on the soil and till to a depth of 5" - 8". For existing lawns: Apply a thin layer up to a 1/4" of fine compost on the lawn and water it in well. This can be done year round to reduce watering needs. **To fill in patches:** Create a mixture of 30% compost, 60% top soil, 10% grass seed. Spread a 2" - 4" layer over the patch and water thoroughly.

Ingredients: compost

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA (CDFA/OG)



AVAILABLE IN:

1 ft³ / 28 L



2 yd. tote / 1,530 L



3 yd. tote / 2,294 L



Bulk Yard



COMPOSTED DAIRY MANURE with BAT GUANO

PLAN "B" ORGANICS® COMPOSTED DAIRY MANURE with BAT GUANO is produced from washed dairy manure solids. It is brought to at least 135° (internal temperature) for 30 days to meet EPA composting rules. This process kills pathogens and errant weed seeds, ensuring a premium product that may be essential for organic farms and gardens. In all, the materials are composted, cured and regularly tested to monitor pH and salt levels. Plan "B" Organics® Composted Dairy Manure with Bat Guano can be used in gardens, landscaping, containers, and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: In the garden: Add Composted Dairy Manure with Bat Guano to your garden each year in the spring or early summer, before planting. Cultivate the soil to a depth of 5" - 10", then apply 4" of Composted Dairy Manure with Bat Guano on top and cultivate once more to mix. **For Tea Mix:** 1 Tbsp. per gal. weekly during growing period, 2 Tbsp. per gal. weekly during flowering period (weeks 1-6). Use **HONEY POT™ Extractor Bag** for best results. **Top dressing:** In week 2 of the growing season, add 1 tsp. Composted Dairy Manure with Bat Guano mixed with worm castings and/or potting soil as a top layer. Add 2 tsp. in weeks 2 and 5 of flowering season. **Trees and shrubs:** Mix Composted Dairy Manure with Bat Guano with soil from the hole dug for planting a tree or shrub. Use a mixture of 1/3 Composted Dairy Manure with Bat Guano to 2/3 soil. Use this mixture to fill the bottom of the hole around the rootball and water. **Mulch:** In early summer, spread a 2" - 6" layer of Composted Dairy Manure with Bat Guano on the soil around plants and trees. This may help conserve water and protect against soil erosion. When spreading Composted Dairy Manure with Bat Guano around trees, start roughly 6" from the trunk outwards to beneath the branch tips. Avoid any direct contact with the trunk. **On the lawn:** For new lawns: put 4" - 6" of Composted Dairy Manure with Bat Guano on the soil and cultivate to a depth of 5" - 8". **To fill in patches:** Create a mixture of 30% Composted Dairy Manure with Bat Guano and 60% top soil and spread a 2" - 4" layer over the patch. Top patch with a 1/4" thick layer of 30% Composted Dairy Manure with Bat Guano, 60% top soil, 10% grass seed and keep moist until the new seed has sprouted.

Ingredients: composted dairy manure, bat guano

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Product of the USA (NOP) combined with ingredients from Indonesia (CDFA/OG)

AVAILABLE IN:

1 ft³
28 L



2 yd. tote
1530 L



Bulk Yard





COCONUT COIR

PLAN "B" ORGANICS® COCONUT COIR is a natural fiber made out of coconut husks, and is a renewable resource alternative to peat moss. The extraction of the coconut fiber husks results in a by-product called coco pith or coco coir. Coconut Coir is a 100% natural growing medium and is triple soaked by monsoon rains for 18 months while on the ground and dried in the sun to Ultra Super Wash™ the coconut fiber to ensure salt content is below 0.5ec and a pH of 5.8-6.5.

This makes an excellent growing medium for hydroponics or container plant growing. The red color of the coconut pith block hints at product maturity.

Directions for use in the garden and landscape: Gently add water and crumble into soil. Ratio of Coconut Coir to soil is dependent upon amount of water retention desired. Dry break-up method for best results require a chipper shredder. For wet expansion method, soak in 8 gallons of water to soften.

Ingredients: coconut fiber

See page 6 for bulk mixing information.

Product of India (CDFA/OG)



Compressed Volume: 2 ft³ / 56.6 Liters
Expanded Volume (Wet): 2.25 ft³ / 63.7 Liters
Expanded Volume (Dry): 2 ft³ / 56.6 Liters
Commercial Grind: 13-15 yds./yield per pallet

AVAILABLE IN:

2 ft³ / 56.6 L



Pallet
(230 Blocks)



2 ft³ / 56.6 L



2 Yd Tote / 1530 L



2 ft³ / 56.6 L



Bulk Yard



TLB™: TEAK LEAVES BLEND™

Our **TLB™: Teak Leaves Blend™** is derived from a blend of Indonesian tropical rain forest teak leaves that are processed through all natural fermentation. These exceptional teak leaves are provided in their purest form and are fermented and dried prior to compression into bales. Teak Leaves Blend is excellent for soil tith ideal for amending all soil types. All natural/organic amendments are used in the final production including the teak leaves in their purest form. This all natural product contains bat guano and worm castings. Our Teak Leaves Blend can be used in gardens, landscaping, containers and raised beds, for vegetables, fruits, herbs, flowers, vines, trees and shrubs.

Directions for use in the garden and landscape: In the garden: Add Teak Leaves Blend to your garden each year in the spring or early summer, before planting. Cultivate the soil to a depth of 5" - 10", then apply 4" of Teak Leaves Blend on top and cultivate once more to mix. **Top dressing: Container Plantings:** During week 2 of growing period, add 1tsp compost mixed with worm castings and/or potting soil as a top layer. During flowering period add 2 tsp mixed with worm castings and/or potting soil in weeks 2 & 5. **For Tea Mix:** 1 Tbsp. per gal. weekly during growing period, 2 Tbsp. per gal. weekly during flowering period (weeks 1-6). Use **HONEY POT™ Extractor Bag** for best results. **Trees and shrubs:** Mix Teak Leaves Blend with soil from the hole dug for planting a tree or shrub. Use a mixture of 1/3 teak leaves to 2/3 soil. Use this mixture to fill the bottom of the hole around the rootball and water. **Mulch:** In early summer, spread a 2" - 6" layer of Teak Leaves Blend on the soil around plants and trees. This may help conserve water and protect against soil erosion. When spreading Teak Leaves Blend around trees, start roughly 6" from the trunk outwards to beneath the branch tips. Avoid any direct contact with the trunk. **On the lawn:** For new lawns: put 4" - 6" of Teak Leaves Blend on the soil and cultivate to a depth of 5" - 8". For existing lawns: Apply a thin layer up to a 1/4" of teak leaves on the lawn and water it in well. This can be done year round while reducing watering needs. **To fill in patches:** Create a mixture of 30% Teak Leaves Blend and 60% top soil and spread a 2"- 4" layer over the patch. Top patch with a 1/4" thick layer of 30% Teak Leaves Blend, 60% top soil, 10% grass seed and keep moist until the new seed has sprouted.

See pages 5 & 6 for foliar spray, compost teas, fertilizer teas and top dressing information.

Ingredients: teak leaves, bat guano, volcanic rock dust, volcanic ore, earthworm castings, vermicompost

Product of Indonesia (CDFA/OG)



AVAILABLE IN:

1.5 ft³ / 42 Liters

55lb / 25kg





Bee Friendly™

HONEY POT™
EXTRACTOR BAG

TEA BREWING MADE EASY

Features:

- 400 Screen Mesh
- Instantly compost tea in any container
- Durable, heavy-duty construction means NO rips or blowouts.
- Large-capacity mesh screen for maximum extraction.
- Submersible Technology™
- easy to use Zipper closure

Available size: 17" x 24" long

Check out our website for more ideas
and product information.

www.planborganics.com





PLAN "B" ORGANICS®

Bee Friendly™

“Best Buzz for your Bees!!!”™

Bee, Bird, Bat and Butterfly Friendly™
Premium Fertilizers & Soil Amendments