## REFERENCE: Organic Products A-Z

- Alfalfa Meal fertilizer useful for specialty plants like roses, azaleas or any plant in stress.
  Azomite- AZOMITE<sup>®</sup> is a broad spectrum natural mineral product mined from a unique deposit in Utah, used to improve root systems, yields, and overall plant vigor in any ornamental or edible plant.
- Bat Guano high nitrogen soil amendment. Increases microbial activity in the soil.
  Beneficial Nematodes microscopic, non-segmented worms in the soil that control fleas, fire ants, grubs, flies and cutworms. Can be purchased and released in spring and fall to establish natural populations.
  Bio-tone- a rich fertilizer enhanced with beneficial microbes, humates and mycorrhizae, a root fungus that helps plants establish faster, reduces transplant shock, and increases root growth and blooms.
  Blood Meal used as a high-nitrogen fertilizer. Great as a compost activator.
  BTk (*Bacillus thuringiensis kurstaki*) this subspecies of the useful, naturally occurring bacteria infects and destroys only caterpillars. Sold in liquid form as Thuricide and in powder form as Dipel Dust.
- Compost add nutrients and beneficial microorganisms to the soil. Purchase, or it's easy to make your own!
  Copper Fungicide controls powdery mildew, black spot, and rust on plants.
  Corn Gluten Meal (granular)- pre-emergent, and nitrogen source. Suppresses weed seeds in spring & fall.
  Cottonseed Meal nitrogen fertilizer and a natural acidifier making it good for azaleas, camellias and roses.
- **D** Diatomaceous Earth (*DE*) a very effective organic insecticide that kills by dehydration. Effective in controlling fleas, roaches, pill bugs, slugs and snails, chinch bugs, cutworms and fungus gnats.
- <u>Earthworm Castings</u> the best, gentle, slow-release organic fertilizer. Great for use in potting soil, for seed germination, or to toss into each hole at planting time. Adds bacteria and inhibits diseases.
  Espoma Organic Fertilizers fortified with beneficial microbes that create strong roots, deep green foliage, and increase bloom and harvests. Long-lasting natural organics break down slowly for continuous feeding.
  Expanded Shale very porous, lightweight "gravel" that improves soil drainage and soil structure.
- **<u>F</u>** Fish Emulsion a concentrated liquid or powdered fertilizer made from fish by-products applied to the soil or as a foliar feed. Ferns love this fertilizer!
- **<u>G</u>** Greensand rock mineral derived from ocean deposits, and an excellent source of iron and potassium. Used in bed preparation or added to potting soil, it is ideal for use in vegetable gardens and growing roses.
- Hasta Gro liquid fertilizer containing seaweed and humic acid to improve soil structure and nutrient uptake.
  Horticultural Cornmeal typically added to soil, & used for disease control when fungal problems are present.
- Insecticidal Soap a very effective, mild natural insecticide, which controls soft-bodied insects like aphids, thrips, mealy bugs, whiteflies, leafhoppers, and spider mites. Typically the first pesticide to start with.

(Continued on reverse)

- Juice of Garlic used as a liquid concentrate sprayed on foliage to repel aphids, cabbage loopers, leafhoppers, whiteflies, and spider mites.
- <u>K</u> Liquid Kelp or Seaweed the best organic product to use in the garden since it is a fertilizer that has both fungicidal and insecticidal qualities. It is used as both a soil drench and a foliar spray.
  <u>Kitchen Composter</u> Convenient way to gather scraps for the compost pile. No mess, no smell!
- Ladybeetles & Lacewings 2 of the top beneficial insects to have in your garden to help control a wide range of insect pests.

Lava Sand - an excellent soil amendment made from pulverized lava rock that improves clay soil structure.

- Molasses useful as a drench or a foliar spray to feed and stimulate microorganisms & provide micronutrients.
  Mulch retains moisture in the soil, composts back into the soil, suppresses weeds, moderates temperatures.
  - (a) Pine Straw (Needles)— airy, good for vegetables and paths; slight acidity; breaks down slowly.
  - (b) Shredded Hardwood— darkest in color, & quickest to break down. Most commonly used mulch.
  - (c) Pine Bark— good for acid loving plants.
  - (d) Cedar— pleasant fragrance; deters mosquitoes and other insects; breaks down slowly.
- Neem safe and effective pest control that works as a repellent, pesticide, growth regulator and fungicide.
  Avoid using during hot weather as oils can scorch plant leaves.

**NHG Organic Potting Soil -** a rich soil with expanded shale, bio-stimulants, wetting agent, & low peat content.

- **O** Orange Oil safe and effective pest control. Dissolves the exoskeleton of insects and acts as a repellent.
- Potassium Bicarbonate controls black spot, powdered mildew, brown patch and other fungus problems
  Pump-up Sprayer the most efficient way to apply the foliar spray materials.
  Pyrethrum a powerful organic contact insecticide effective on dozens of pests. A common ingredient.
- **R** Rain Barrels rain water offers lower pH and a slight nitrogen content. It lacks chlorine & other additives.
- Sluggo an iron phosphate bait that controls slugs and snails; safe to use around pets and wildlife.
  Spinosad derived from a natural, soil-dwelling bacterium, Spinosad controls caterpillars, fleas, leaf miners, thrips, potato beetles, and many other chewing insects. An excellent organic, general insecticide.
- **<u>T</u>** Trichogramma Wasps tiny, beneficial wasps that parasitize the egg stage of many damaging caterpillars.
- Vinegar 10% or 20% vinegar is great for spot weed control. Works best in full sun and hot temperatures.
- Xeriscaping a type of garden design based on water efficient landscaping using native and well adapted plants, mulches, reduced turf areas, and the addition of lots of organic matter to the soil.
- Yellow Sticky Traps an effective way to monitor which pests are present in your garden
- Zinc an important trace mineral you can provide by adding lots of compost, manure and organic fertilizers.
  Zoo Poo 100% herbivore compost derived from the Dallas Zoo, rich in nutrients and an excellent source of locally-made organic matter. Increases microbial activity, and a portion of sales benefits wildlife conservation.