

How To Make The Best Quick Organic Fertilizers

100% All Natural Fruit, Grain & Vegetable Fertilizers



Shivas

All Natural Plant Relief Center

www.shivasgrowgarden.com

Plants Are Also For Dufferers

© 2008 Shivas Grow Garden

How To Make The Best Organic Fertilizers

There will always come a time at one point in your grow or gardening career, where you will need to have some quick fixes when your plants need them. Here are some quick, and not so quick fertilizers to help fix almost any problem that you might encounter in the garden.

So enjoy these quick fixes and give your plants the nutrients that they need to grow and survive.

Orange/Onion Peel

Add 2 cups of both peels to 1Liter of water and place in dark room

Let ferment 2-3 days in open container

Strain and dilute with 2 liters of water

To use - dilute 1:10 - 1ml ferment to 10ml water

Contain nitrates, calcium, iron, magnesium, copper

Note: if used too strong, will damage plants

Orange Peel Bug Spray

Take the peels from 2 fresh oranges, 2 large satsumas or tangerines break into small pieces and place in a glass jar.

Pour 1 liter of boiling hot water over them

cover with lid and let sit for 24 hours

use as spray for all type bugs and insects

Coffee Nitro-Fertilizer-Foliar Spray

Add 1tsp of used coffee grounds to 2.5L of water.

Leave overnight, strain the liquid into a bottle and add to the soil or spray onto your plant's leaves.

For plants that like a lower acid content, used decaffeinated coffee grounds.

Use 1 tbs to 1 gallon (3.8L) of water.

2 Quickest Ways to Make Liquid Seaweed Fertilizer

The simplest way to make seaweed/KeLp fertilizer is to mix dehydrated kelp with water. Use a ratio of 50-60g kelp per gallon of water for proper dilution.

Let the mixture sit for two to three days, and stir it each day.

You will then have liquid kelp fertilizer to water your plants.

Dilute 1:1

Quick Seaweed Extract

Add 50g of dried and shredded biomass to 150 mL of distilled water (250 ml flask).

Boil in water bath for 30 minutes.

let cool use 10ml to 1L water.

How To Make The Best Organic Fertilizers

Easy Kelp Fertilizer

Take 10g dry seaweed soak in enough warm water until fully saturated.

Add 1L water and cook on low fire until water is same color as seaweed.

Let cool down, mix and add 1tbsp brown sugar.

Cover with breathable top, place in unlit place for 1-2 days.

After, strain and add 50% water to solution and water your plants normally.

Use 2:1000

Coffee Tea Decoction

take 2 tbsp of coffee and 2 tbsp of tea leaves,

add to 1liters of water.

Boil for 10 minutes

Strain -dilute with 8 liters of water

use 1:1 ratio

can be used on all plants showing nitrogen deficiencies. Remaining coffee and tea grounds, add to compost and water in

Good for Nitrogen Phosphorus and Potassium

Add 2 tsp tea leaves to 1 liter of water

Close top and let sit for 24hrs

After 24hrs, stirr the solution and strain it

Add 1-2 cups of water and water your plants

For best results use once a month

Tea Leaves

In a jar add 2 tsp unused tea leaves to 1 liter of water

Close lid, let set for 1-2 days

After 2 days strain

Add 1-2 cups of water

use every 2 weeks

Nitrogen, phosphorus, potassium

Potatoo Fertilizer

Use a hand or cup full of potato peels to 1-2 liter of warm water and 10 gramms of yeast.

Let soak for 2-3 days.

After 3 days are up, strain the solution into the glass jar or container with top

Use 1:1 once a week or when needed

Make Your Own Silica - NPK 0-4-12

Use 200ml fresh or fresh frozen spinach.

Soak in 1L water for 1-2 weeks.

Strain and use 1-2 tbsp to gallon (3.8L) of water.

How To Make The Best Organic Fertilizers

Willow Water

Steep 1 cup twigh or bark in about half gallon (2 L.) of boiling water.

Leaving them for about 24 to 48 hours.

Strain the willow pieces, using a colander or sieve into a larger container.

The willow water should resemble weak tea.

Use 10-20ml to 1 liter of water

Yeast

There are several ways to prepare a yeast-based fertilizer.

Begin with 1 oz (28.3g) of dry yeast and 1 cup of sugar mixed.

Then add $\frac{1}{2}$ to $\frac{3}{4}$ cup of warm water.

After one or two hours, dilute the mixture with $2\frac{1}{2}$ (9.5L) gallons of warm distilled water.

Easy Yeast Fertilizer - *Quick Bloom Booster*

0.3gal (1.2L) of luke warm water.

Add 1tbsp dry brewers yeast, mix well.

Add 3tbsp sugar and stirr again.

Let set for 3 hrs.

After 3hrs add solution to 2.3 galons (8.7L) of water and water your plants.

For tasty fruits and veggies.

Yeast - *To force buds to grow*

Mix 3 tbsp. yeast with 10 liters of water.

To maintain blooms throughout the season,

Use 2 tbsp yeast in 1 gallons (3.8liters) of warm water and apply as soon as the plants begin to bloom.

Yeast

Rather than using insecticides, herbicides, or fungicides, Yeast can be used to protect your garden in a safer manner.

Dissolve 1 oz of dry yeast in 2 cups of lukewarm, whole or preferably unpasteurized milk.

The mixture is then dissolved in $2\frac{1}{2}$ gallons of lukewarm water.

Blackstrap/Sugarbeet Molasses Ferment

Take 100ml of each, artichoke, avacado, Potato Peel, lima beans.

Add 100ml cocoa.

Soak all ingredients in 500ml of molasses.

Make sure that they stay submerged at least 7 days.

When ferment is finished strain and use 1-2 tbsp per liter of water.

How To Make The Best Organic Fertilizers

Potato Peel ferment - NPK 0-5-27

Cut or soak whole 100g of potato peels in 1 liter of water.
Add 2 tbsp brown sugar.
Ferment for 8-10 days.
Use 10-20ml per liter of water.

Potato Enzyne Mix

Soak 2 hands full of potato peels in 1 liter of water, let ferment 1-2 weeks.
Strain use 1:1 once a week or when needed

Cucumber Peel Fertilizer and Folia Spray

Use a good hand full of cucumber skins to 1 liter of water, stir good.
Close container and place in shaded area for 7 days.
On day 7 strain out and use as liquid solution.
Use 1-2 tbsp for 1L water.
Or take 3 cups of solution and add the same amount of water to the fertilizer and water plants.

Banana Ferment

Use peels from 1-2 bananas.
Soak in 1L water for 1-2 weeks.
After 1-2 weeks, strain and use in the bloom 1 mix.

Phosphorus early bloom

1- make a potato peel solution. Use a hand or cup full of potato peels to 1-2 liter of water and 10 grams of yeast. Let soak for 2-3 days. After 3 days are up, strain the solution into the glass jar or container with top large enough to accommodate the rest of the ingredients i.e. 100ml or grams Bat guano NPK 1-10-1, 100ml or grams Kelp meal NPK 1-0-4 and 100ml calcium.

2. cover jar and let solution sit for a week turning the jar once or twice during that time. Make sure that the cap of the jar is NOT tightly closed, just sit the cap on top of the jar, do not tighten. Strain solution into another jar and apply min. 1 tsp per liter of water throughout the flowering period. You can also use these amendments dry. After straining dry rest solution and sprinkle 2 - 4 tbsp of the mixture to your plant soil. PH water to 6.5.

Phosphorus Bomb

For an all neutral nutrient rich fertilizer for your cannabis plants, make a solution with Blackstrap Molasses, String beans, Artichoke, Ginger, Calcium, Cocoa. These ingredients also contain other important nutrients such as Iron and Magnesium. Cut ingredients into small pieces. If you use 1 liter or Kilo of the ingredients, you should use 1 Liter or kilo of Molasses. We are also going to add some calcium to the mix. Add 200 Gramms of calcium. So you might ask, where will I get Calcium? You can make your own. Making your own calcium is easy and simple. Just follow instructions below.

How To Make The Best Organic Fertilizers

- 3- once you have your calcium solution, add ingredients to container, pour molasses and calcium mix over ingredients and mix well. Place a breathable top over the container that you are using. Cover and secure with rubber band.
- 4- let stand in shady place between 1-2 weeks, stirring occasionally to get good fermentation.
- 5- after fermentation, strain the solution into a jar. Cap tightly and you have your all natural Phosphorus and Potassium nutrient bomb for your plant flowering period. Use 1tsp-10ml/L water to each resevoir once you notice that the plant has flipped and starting to bloom.

Make An Enzymes Mix Concentrate

Use app. 3 fresh banana peels.

Cut and soak banana peels in 1-2 liters of water for 1 week.

After 7 days are up, strain the solution into a glass or plastic jar.

Use 10-20ml per liter of water.

Dandelion Ferment - *NPK 10-14-16*

Soak 100g roots/leaves 10-12 days add 2 tbsp brown sugar for ferment

Use 12-20ml per liter of water.

Banana Peel

Cut banana peels in small pieces soak 100g peels to 1 liter of water. Covcer let stand 7-10 days, add 2 tbsp brown sugar for ferment.

Use: 10-20ml per gallon of water, high in Silica.

HERE IS HOW TO MAKE YOUR OWN CALCIUM

- 1- save your eggshells, or buy powdered Calcium Carbonate. You should use app. ¼ cup of finely crushed or blended eggshells. Be sure to wash them in clean water before letting them dry.
- 2- after shells are dry, place them in the oven on high heat for app 30-40 min. to kill any bacteria or germs that might be on the shells.
- 3- in a container large enough to hold 100ml of fluid, place the eggshells in the jar and pour 100ml of vinegar or lemon juice over them. You can use apple or table vinegar. You will notice a chemical reaction... Once this starts, set aside until the chemical reaction stops. Be sure to strain the eggshell mixture and get only the liquid.
- 4- once you have your calcium solution, place top on it and let stand 6-8weeks before using
- 5- use 10ml per lietr of water throughout the plants life cycle.

Cucumber Ferment - *NPK 2-3-6*

Soak 200g cucumber in 1 liter of water.

Add 1tbsp brown sugar and ferment 10-12 days

Use: 10-20ml per gallon of water, contains triacontanol

How To Make The Best Organic Fertilizers

Soybean Ferment - NPK 7-1-2

Soak 100g soybean in 500ml of water for 8-10 hours.

Cook beans until they become soft enough to break by pinching them.

Purree and add 2tbsp brown sugar for fermentation and enough water to make 1 liter of liquid.

Cover with breathable top and let stand in dark place between 8-10 days.

Strain and add 10-20ml per Liter of water.

Spelt/ Dinkel Whole Grain Ferment - NPK 10-5-7

Soak 100g of green korn/Dinkel in 500ml of water for 8-10 hours, after that they will start to sprout.

Cook grain until they become soft enough to break by pinching them. Purree and add 2tbsp brown sugar for fermentation and enough water to make 1 liter of liquid.

Cover with breathable top.

Let stand in dark place between 8-10 days.

Strain and add 10-20ml per Liter of water

Spinach Fresh or Fresh Frozen

Cut or soak whole 100g of Spinach greens.

Add 2tbsp brown sugar for fermentation.

Let stand in dark place 8-10 days, on day 5 or so purree the mix to extract more nutrients.

Strain use 10-20ml per liter of water.

Potato Peel ferment - NPK0-5-27

Cut or soak whole 100g of potato peels in 1 liter of water.

Add 1tbsp brown sugar for fermentation 8-10 days

Strain and use 10-20ml per liter of water.

Calmag Mix

Dissolve 100ml Epsom salt in 100ml calcium solution. To make solution dissolve 50ml eggshell in 100ml lemon juice for 4-8 hours. Strain and add 100ml epsom salt.

Accelerate Seed Germination

Soak seeds in diluted peroxide solution

Use 1-2 tsp of 3% peroxide per liter of water.

Soak seeds overnight.

After place seeds in moist napkin.

Place in plastic zip bag until seeds sprout.

How To Make The Best Organic Fertilizers

Courtesy Shivas Grow Garden

<http://www.shivasgrowgarden.com>

shiva@shiveagrowgarden.com