

# "THE DUTTON BREW" GARDEN ADDITIVE

## Remembering a friend of the farm

Chris Dutton was one of our best gardeners and was an important part of the UFI crew. The assistance he provided in the early days of the farm proved valuable and supremely helpful. This recipe makes a terrific brew and is a reflection of his good efforts on behalf of UFI.

Thank you Chris!

## Ingredients

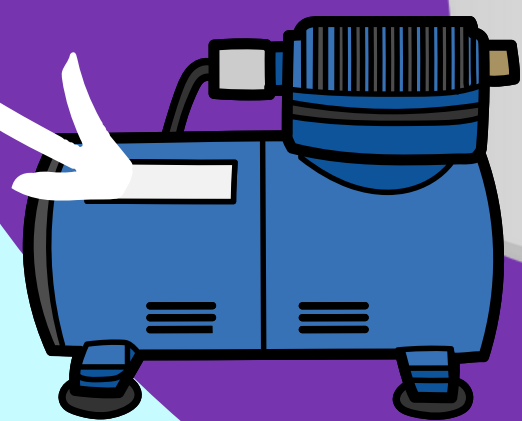
- 5 Gallons of Non-chlorinated water  
(use rainwater, or allow tap water to sit for 24hrs)
- 2lbs of Worm Castings or compost.  
(or 50/50 blend)
- 1-2 TBSP Blackstrap Molasses
- 1 -2 TBSP Magnesium Sulfate
- 2 TBSP Fish Hydrolysate
- 1/4 cup of Kelp Meal
- 1- small handful of cotton seed or oatmeal



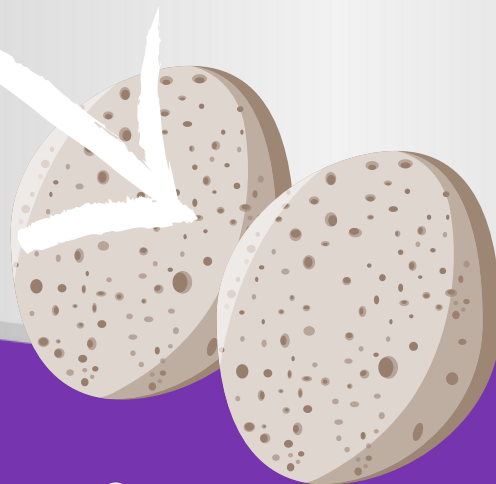
5 gallon bucket

Supplies

Air Pump



Air Stones



See Reverse Side  
For Recipe



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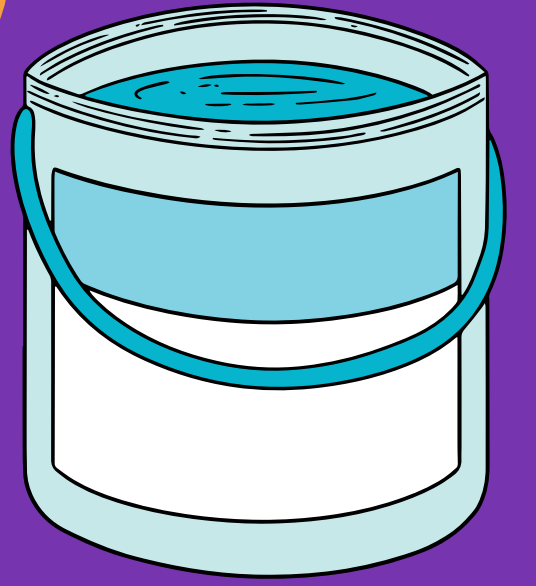
# "THE DUTTON BREW" PROTOCOL

*A tribute to a great gardener*

## The Dutton Brew Garden Additive

The preparation of the brew begins with 2lbs of earthworm castings or compost. Or you can use a 50/50 blend of both. Next add molasses, magnesium sulfate, some fish hydrolysate and kelp meal and the secret ingredient cotton seed or oatmeal, and after 24 hours you have a powerful garden product! Follow the steps below!

1



2



## Start with Earthworm Castings

Chris recommend's starting with 2 lbs of earthworm castings or compost. You can also use blend both compost and earthworm castings in a 50/50 mix of both. Add this to 5 gallons of non-chlorinated water.

## Add Unsulphured Molasses or any \*sugar

This provides carbohydrates that are powerful sources of energy for the bacteria and fungi to grow. Sulphur can inhibit growth of good bacteria, so it is important to choose unsulphured molasses. Other sugar types include: cane sugar, agave or honey, etc. We recommend an additional dose of sugar ~18hrs.

3



4



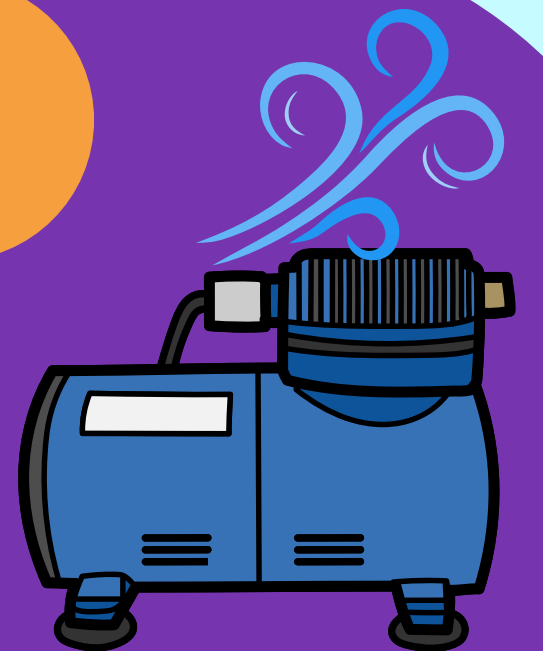
## Add Magnesium Sulfate, Kelp Meal, Fish Hydrolysate, and Oatmeal\*

Add 1-2 TBSP of Magnesium Sulfate, 2 TBSP pf Fish Hydrolysate, and 1/4 of Kelp Meal. Then finally add a small hand full of cotton seed or oatmeal!

## Aerate the brew for 24 hours

Oxygen is very important for the good bacteria and fungi to grow. Lack of oxygen will allow undesirable pathogens to invade the brew. Only leave the brew aerating for no more than 24 hours to ensure adequate nutrition is still available.

5



\*After the 24-hour incubation and prior to application, the brew can be diluted in a 3:1 ratio in unchlorinated water. FYI: No longer than 24 hrs is recommended in warmer temps as S.FL, however in cooler temps a longer brew time maybe needed. Pour the brew over the garden and make sure you use it within 3hr of finalizing the brewing period. Watch your garden flourish!

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