



## CASTINGS TEA

Nature's Miracle  
100% Organic Liquid Plant Food

Environmentally Friendly  
Easy & Safe to Use

Lawn & Turf Care  
Insect & Weed Control  
Roses, Trees & Bushes  
Seeding & Potted Plants  
Greenhouses & Hydroponics  
Vineyards & Fruit Trees  
Indoor/Outdoor Plants  
Perennials & Annuals  
Pasture Management  
Green Roofs

All Purpose - Slow Release  
Increases Microbial Diversity  
Repels Insects - Fights Diseases  
Improves Drought Resistance

RESIDENTIAL & COMMERCIAL  
ORDERS NOW BEING TAKEN  
FOR SPRING DELIVERY

For more information:

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Produced by CSRplus Vermicast Industries  
Locally Produced - Product of Canada 

### What is VermiGrow Castings Tea?

VermiGrow Castings Tea is brewed using Vermigrow Worm Castings. The Castings are brimming with beneficial soil micro-organisms and can be applied directly in a variety of agricultural and horticultural applications.

The VermiGrow Castings Tea product is "brewed" in highly oxygenated water under controlled conditions that are optimum for extraction and proliferation of the micro-organisms present in the castings.

Soluble micronutrients and beneficial organic compounds from VermiGrow Castings are produced during the "brewing" process.

When finished, "VermiGrow Castings Tea" is full of living microbes and beneficial plant-growth compounds that go right to work when applied to your crop as a foliar spray or soil drench.



### Benefits of VermiGrow Castings Tea

- For setting blossoms, blooms or development of fruit.
- During peak growth for an added nutrient source.
- Quick recovery from lack of moisture, damage from wind & poor foliage color.
- Increased nutrient source when roots cannot provide enough nutrients for maximum yields.
- Makes better use of water and soil to deliver needed nutrients and nourishment to plants throughout their life cycle.
- Improves plants' resistance to pests and disease.
- Absolutely no toxins, pesticides, or synthetic chemicals to harm plants, or contaminate the water supply or environment in any way.
- Safe around children, animals, and homes.

There is evidence that VermiGrow Castings Tea will cure tomato blight, leaf curl on fruit trees. It can also replace conventional fertilizers used in areas such as schools, municipal parks and playgrounds. Many of these products are unfriendly to the eco system and are now, or will soon be banned because of the dangers they pose.



## Methods of Use:

### *Foliar Spray*

VermiGrow Castings Tea foliar spray can be used to supply supplemental doses of minor and major nutrients, plant hormones, stimulants, and other beneficial substances. Benefits of this foliar spray include yield increases, resistance to diseases and insect pests, improved drought tolerance, and enhanced crop quality.

Foliar applications are timed to coincide with specific vegetative or fruiting stages of growth. Applications are used to aid plants in recovery from transplant shock, hail damage, or the results of other weather extremes

### *Soil Drench*

When applied as a drench, VermiGrow Castings Tea promotes good soil structure. The microorganisms found in organic teas excrete organic gums and resins that, together with fungal hyphae, bind soil particles into structural aggregates, improving both soil structure and water-holding capacity.

## How to Apply It?

Plan ahead - it is important that you apply the tea the SAME DAY that you purchase it because the tea will become less oxygenated over time. Remember, the tea is alive!

- Use the VermiGrow Castings Tea as a foliar (spray on the leaves); apply in the morning or early evening to limit the damaging effects of UV rays on the microorganisms.
- For larger areas like lawns, use water on the area either immediately before or after so the microbes can easily move down into the soil.
- Use full strength for indoor and garden plants, or dilute 50/50 to cover a larger area like a lawn, (including use with the type of sprayer that attaches to the end of your hose.)
- Apply the VermiGrow Castings Tea by pouring directly on the soil as a soil drench.

## Application Types:

### *Lawns*

Grass can be sprayed with VermiGrow Castings Tea, either full strength or diluted, using a pump sprayer or a hose-end sprayer. Best times for application – when the grass starts to green up in the spring and once a month throughout the growing season.

### *Perennial Shrubs and Trees*

Soak the ground with VermiGrow Castings Tea as they break from dormancy in the spring, as well as during vigorous early summer growth, flowering, and fruit set.

### *Garden Plants*

Regular applications of VermiGrow Castings Tea throughout the growing season can improve tilth and aeration of depleted or unimproved soils. Plants in garden soil can benefit from direct soil application or foliar spray at critical growing points such as the vigorous growth stage in early summer, flowering, and fruit set. This effect can be enhanced with periodic amendment of the soil with VermiGrow Worm Castings.

### *Houseplants and Container Plants*

Potted plants really love VermiGrow Castings Tea!! They often struggle to grow because they are left in the same sterile planting mix for many years. Give them an immediate boost of life

Dilution:

Container plants - 50:50 water & worm tea or use full strength

Cacti -1:1 is recommended for cacti and succulents.

Frequency: apply VermiGrow Castings Tea rather than water once a week for as long as you like the results.



## How Do You Make It?

When prepared properly, VermiGrow Castings Tea should be virtually odorless and is a valuable organic amendment for the soil, in potted plants, for use in organic gardening. In the last few years, research into the soil food web has led to the development of Worm Castings Tea brewers.

VermiGrow Castings Tea is brewed using VermiGrow Castings as a starter and then water is added. A pump with special nozzles is then used to oxygenate the mixture over a 22-24 hour period. The microbes are increased exponentially and the mixture, with a shelf life of 24 hours can be sprayed on lawns, flowers, trees with complete safety.

## Steps to Make VermiGrow Castings Tea

**Step 1** - Fill your tea brewer of choice with standard water not too cold, about what comes out of your tap. A quality tea brewer is essential to make an effective end product. Cheap or homemade brewers can be used but remember to get your tea tested for colony forming units and diversity as this will let you know how good a tea you have. You can make a good looking tea but it will not work well if your numbers are low.

**Step 2** - Allow water to aerate for about 20-30 minutes for chlorine to discharge. If your brewer comes with a heater now is the time to turn it on. A temperature of about 77°F is ideal for brewing.

**Step 3** - Add your catalyst. The catalyst is a food source for the microbes and fungi you will be promoting in your VermiGrow Castings Tea. Using your tea brewer manufacturer's own catalyst will give you the best brew. They have spent years testing the ratios of the catalyst to get the best numbers.





**Step 4** - Add the VermiGrow Castings Tea to the supplied basket or sock. Regular compost can be used but we strongly recommend using VermiGrow Castings as you will get a far superior tea. Also tea brewers do not make bad compost good. If you use bad compost you will get bad tea. It is that simple. Using VermiGrow Castings you can be assured of the quality.

**Step 5** - Allow the brewer to run for the recommended time. Usually 22-24hrs.

**Step 6** - Harvest the brew and use as soon as possible. You usually have a 24hr window before severe deterioration. For best results, we recommend that you use the VermiGrow Castings Tea the same day the brew is ready. A dilution of 5:1 of water to tea is recommended. Any heavier will not harm your turf or gardens as VermiGrow Castings Tea will not burn.

**Note:** Use a quality tea brewer with quality products and you will get results. Using untested compost with an untested brewer with untested catalyst can give you tea that will not perform and be of little use.

**VermiGrow**



VermiGrow Castings Tea is a great source of nutrients for your lawn and garden. It also is alive - containing a variety of beneficial bacteria and fungi that help improve your plants by improving the soil.

VermiGrow Castings Tea deters plant diseases and destructive fungi when used as a foliar feed.

**Directions for General Use:**

Mix 1 part of VermiGrow Castings Tea with 4 parts water that has been aired for 30 minutes to release chlorine. Can also be applied at full strength as required.

Note: Mix rate is based on minimum Tea volume requirement - Applying Worm Castings Tea full strength will not harm or burn your plant and is recommended when trying to re-establish soil health as a Soil Drench.

For Best Results, Use every 2-4 weeks.

**Foliar Spray:**

(Indoor/outdoor plants, shrubs, trees & lawns)

- Use a pressurized sprayer or spray bottle, to apply to top and bottom of leaves until dripping.
- Apply early morning or evening for best results.

**Soil Drench:**

(Indoor/outdoor plants, shrubs, trees & lawns)

- Use watering can to drench soil using normal watering techniques, soaking the root zone of the plant.

**Turf Areas:**

Water turf before application of VermiGrow Tea. Apply with pressure sprayer or watering can.

General Coverage Guide with pressure Sprayer 4L Jug:

- Diluted as recommended, will cover approximately 10,000 Square Feet
- Full Strength will cover approximately 1700 Square Feet

This is just a general guide and depends on dilution and application of user.

**NB.** VermiGrow Castings Tea is an active liquid containing live beneficial organisms; it should be used within 24 -48 hours of its brew date for best results.

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