



Intensive Container Gardening Feeding Chart 2011 – 50-Gallon Batch - Version 3.6 (changes are in red)

	VEGETATIVE GROWTH – (Repeat weeks 2 and 3 as needed for extended vegetative cycles)				BLOOM GROWTH							
50 Gallon Batch “Liquid Compost Extract” For Root Drench – (apply ½ to 1 quart of compost extract per square foot of soil surface area)												
	Planting	WEEK 1	WEEK 2	WEEK 3	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
BioLogic CA Humus™	0	8	8	8	8	4	4	4	4	4	0	0
BioWorm Castings™	0	8	8	8	8	4	4	4	4	4	0	0
BASELINE Granular™	0	4	4	4	4	4	4	4	4	4	0	0
BioLogic Frass	0	2	2	2	2	2	2	2	2	2	0	0
Vital Fish™	0	3	3	3	3	3	3	3	3	3	0	0
Excite™ Kelp	0	1/4	1/4	1/4	1/4	1/8	1/8	1/8	1/8	0	0	0
BioLogic Endo WP™	0	1/4	1/4	1/4	1/4	1/4	0	0	0	0	0	0
Mycotrol O™	0	1/4	1/8	1/8	1/8	0	1/8	0	0	0	0	0
Azos™	0	1/4	1/8	1/8	0	0	0	0	0	0	0	0
50 Gallon Batch “Active Aerated Compost Extract” (AACE) For Foliar Spray – (see brewer Instructions for details on the brewing process)												
BioLogic CA Humus™	0	4	4	4	4	4	4	4	4	0	0	0
BioWorm Castings™	0	6	6	6	6	6	6	6	6	0	0	0
BASELINE Granular™	0	1	1	1	1	1	1	1	1	0	0	0
BioLogic Frass	0	2	2	2	2	2	2	2	2	0	0	0
Vital Fish™	0	1	1	1	1	1	1	1	1	0	0	0
Excite™ Kelp	0	2 TBSP	2 TBSP	2 TBSP	2 TBSP	1 TBSP	1 TBSP	1 TBSP	1 TBSP	0	0	0
Serenade™	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	0	0
1 Gallon Batch Organocide™ or Azamax™ Foliar Spray – Alternate weekly between the two products. Add 1 TSP baking soda per gallon to solubilize Organocide. Spray both top and bottom.												
Organocide™		1TBSP/gal	1 TBSP/gal	1 TBSP/gal	1 TBSP/gal	1 TBSP/gal	1 TBSP/gal	1 TBSP/gal	1 TBSP/gal	0	0	0
Top-Dressing – Soil with “exceptional” quality should only use bat guanos for topdressing. For all other soils, apply the below mixture to 36 square feet of soil surface area. Pre-mix mycorrhizae, rock dust, guano’s and BASELINE together and spread on soil evenly. Next, pre-mix composts and spread evenly. For extended vegetative growth time apply top-dress values from week 2 every other week until blooming begins.												
BioLogic CA Humus™	1 cu ft.	0	.5 cu ft.	0	.5 cu ft.	0	.5 cu ft.	0	.5cu ft.	0	0	0
BioWorm Castings™	1 cu ft.	0	.5 cu ft.	0	.5 cu ft.	0	.5cu ft.	0	.5 cu ft.	0	0	0
Glacial Rock Dust	4	0	1	0	.5	0	0	0	0	0	0	0
Bat guano 9-3-1	4	0	4	0	4	0	1	0	0	0	0	0
Bat guano 0.13.0	0	0	0	0	8-16	0	8-16	0	8-16	0	0	0
BASELINE Granular™	24	0	6	0	6	0	4	0	1	0	0	0
BioLogic Endo™ Granular	.5	0	.5	0	.5	0	0	0	0	0	0	0
Azos™	1 TBSP											

BioLogic Systems Feeding Chart For Container Gardening

“Liquid Compost Extract” for root drench:

This compost extract recipe is intended for use with soil-based systems containing 20% high quality compost (see our website for details on compost standards.) Compost extract for root drench should be used within three hours after adding fish and kelp. Compost extract can be made in more concentrated batches and then diluted during the application process in order to reduce application time. For example, by multiplying the concentration of the extract by 4 (multiply each ingredients value by 4) each plant would require a 25% the recommended dose of compost extract per square foot of soil surface area. This then will allow a 50-gallon batch to cover four times as much soil surface area. However, it is important to apply at least 1 quart of compost extract (diluted or not) per square foot in order to saturate the soil/root zone completely. BioLogic Systems offers a variety of compost “microbe-safe” compost extract dilution manifolds. Please contact us for details.

“Active Aerobic Compost Extract (AACE)” for Foliar Spray Application:

If used properly, the application of AACE should both provide exceptional foliar feeding to the plant and help develop a robust immune system preventing the establishment of pathogenic organisms on leaf and stem surfaces. For intensive crop production weekly applications of both AACE and Organocide™ is recommended. Soak all parts of the plant completely including both sides of leaf surfaces and stems. The AACE recipe can be applied at full strength or diluted up to a two to one ratio with non-chlorinated water

“Top-dressing” Application:

Top-dressing is crucial to the success of the BioLogic Method for container gardening. As feeder roots are located near the soil surface, regular applications of microbe and nutrient- dense ingredients help to keep roots growing and protected from light through out the growing cycle. Many growers observe the roots reaching up through the top-dressing once the microbiology is thoroughly established in the soil. When this occurs it is advisable to top-dress more frequently (even if simply with more soil) in order to keep all roots covered at all times. When working with large soil surface areas (over 40 square feet) it is recommended to focus top-dressing composts and soil amendments near the “drip-line” of the plant (edge of canopy), as this is where the most active roots are found. Gardens with “exceptional soil quality” may not require topdressing. Covering soil with a one inch layer of rice straw is always recommended.

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