



Let's Get Growing



February 2008

FIELD GROWN VEGETABLES AND TOMATOES



Growing rows of vegetables and tomatoes can be done in a low maintenance manner by using plastic row covers, or by mulching your garden with grass clippings. Simple drip irrigation systems can be made using "leaky pipe" or a simple set up of drippers. For fertilization, either feed using a hose-end sprayer, or purchase a simple bucket siphon system. Hose-end sprayers, and siphon systems normally apply fertilizer at a dilution ratio of between (1 to 14) and (1 to 16), based on a normal garden hose pressure of about 40 psi.

EXAMPLE:

If your fertilizer instructions say to feed one teaspoon per gallon of water, in a bucket, you would add 14 to 16 teaspoons of fertilizer to a gallon of water. Put the siphon attachment on your water line and put the siphon tube into the concentrate. The water coming out the end of your hose will contain one teaspoon of fertilizer for each gallon of water applied to your plants.

For constant feeding of fertilizer with each watering, you will want to apply fertilizers at the rate of 150 ppm. If you plan on feeding the plants on a seven to fourteen day schedule, feed at the rate of 300-350 ppm. For special applications that encourage bigger and better fruiting, leaf feed sprays containing calcium, environmental stress applications, and organic pesticides can be added. Use Age Old Bloom prior to fruit set, and finish with Age Old Grow.

FEEDING SCHEDULES

AGE OLD BLOOM 5-10-5			AGE OLD GROW 12-6-6			AGE OLD FISH & SEAWEED 3-2-2		
AMOUNT PER GALLON OF WATER	ppm	E.C.	AMOUNT PER GALLON OF WATER	ppm	E.C.	AMOUNT PER GALLON OF WATER	ppm	E.C.
1 teaspoon	200	0.46	1 teaspoon	100	0.17	1 teaspoon	100	0.18
2 teaspoonfuls	400	0.98	2 teaspoonfuls	275	0.35	2 teaspoonfuls	200	0.35
1 tablespoon	500	1.08	1 tablespoon	250	0.52	1 tablespoon	350	0.68
1 ounce	1100	2.17	1 ounce	650	1.27	1 ounce	850	1.7
64 ounce hose-end	1000	2.0	64 ounce hose-end	500	1.01	64 ounce hose-end	600	1.2
<u>Additional Products</u>								
Ca-Libur 20 Liquid Calcium Spray			1 to 2 tablespoonfuls per gallon of water. Apply after fruit set.					
Age Old Liquid Kelp Concentrate			1 to 2 teaspoonfuls per gallon of water. Apply as a stress drench.					