



The Nutrition Solution®

## RECIRCULATING

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
<i>Grow</i>	5ml	7.5ml	10ml	12.5ml								FLUSH
<i>Bloom</i>					12.5ml	12.5ml	15ml	15ml	15ml	15ml	10ml	FLUSH
<i>Pro-Tekt</i>	2.5ml	2.5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5m	FLUSH
<i>Mag-Pro</i>		0.5ml	1ml	1ml	2.5ml	1ml	1ml	2.5ml	2.5ml	2.5ml	1ml	FLUSH
<i>K-L-N</i>	5ml	5ml	2.5ml									FLUSH
	(500ppm)	(710ppm)	(990ppm)	(1155ppm)	(1260ppm)	(1155ppm)	(1330ppm)	(1435ppm)	(1435ppm)	(1435ppm)	(980ppm)	

8 week flowering cycle

Amounts in ml/gallon

**Our Roots are in Hydroponics** – For more than 30 years Dyna-Gro nutrients have excelled in the hydroponics industry as the sole source of complete nutrition for fast production of flowers, vegetables and herbs. Dyna-Gro nutrients were developed from research in the science of hydroponics where plants must be supplied with all of their essential nutrients in solution. The difference between growing hydroponically and growing in soil is time. In time, even the best soil will become depleted as the plant takes up available nutrients. While adding incomplete fertilizers may keep your plants alive, only a balanced source of all essential elements will produce optimum plant growth and health. Dyna-Gro follows strict quality control standards using only the finest technical grade plant minerals available. Each batch of Dyna-Gro nutrient formulas is closely monitored to ensure batch consistency. Our nutrients are routinely tested by governmental agencies and universities to meet state and federal standards for quality.



**DRAIN TO WASTE**

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
<i>Grow</i>	4ml	6ml	8ml	10ml								FLUSH
<i>Bloom</i>					10ml	10ml	12ml	12ml	12ml	12ml	8ml	FLUSH
<i>Pro-Tekt</i>	2ml	2ml	4ml	4ml	4ml	4ml	4ml	4ml	4ml	4ml	4ml	FLUSH
<i>Mag-Pro</i>		0.5ml	0.5ml	1ml	2ml	1ml	1ml	2ml	2ml	2ml	1ml	FLUSH
<i>K-L-N</i>	5ml	2.5ml	2.5ml									FLUSH
	(415ppm)	(590ppm)	(775ppm)	(950ppm)	(1020ppm)	(950ppm)	(1090ppm)	(1160ppm)	(1160ppm)	(1160ppm)	(810ppm)	

8 week flowering cycle

Amounts in ml/gallon

**SOIL**

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
<i>Grow</i>	1.25ml	2ml	2.5ml	3ml							FLUSH	FLUSH
<i>Bloom</i>					3ml	3ml	4ml	4ml	5ml	5ml	FLUSH	FLUSH
<i>Pro-Tekt</i>	1.25ml	1.25ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	FLUSH	FLUSH
<i>Mag-Pro</i>		0.25ml	0.25ml	0.75ml	1.25ml	0.75ml	0.75ml	1.25ml	1.25ml	1.25ml	FLUSH	FLUSH
<i>K-L-N</i>	5ml	2.5ml	1.25ml								FLUSH	FLUSH
	(200ppm)	(260ppm)	(330ppm)	(390ppm)	(425ppm)	(390ppm)	(460ppm)	(495ppm)	(565ppm)	(565ppm)		

**Additional Info**

- **Always add Pro-Tekt to water first**
- ppm based on water starting at 50ppm

- pH should be 5.5 - 6.0 for hydroponics and 6.2 - 6.8 for soil
- Monitor pH and ppm to ensure nutrient availability

All plants have different nutritional requirements. Use this chart as a guide.

**Conversion Chart**

1 tsp = 5ml    1 qt = 946ml  
1 tbsp = 15ml    1 gal = 3.785L