

Simply Professional FORMULA

Contains Cal-Mag.

Additional Cal-Mag is typically NOT required. Some coco coir products are not buffered with Cal-Mag. Un-buffered coco coir will pull Cal-Mag out of solution causing deficiencies. Use SimPro Cal-Mag to buffer coco coir prior to use or as a supplement during vegetative growth. Cease Cal-Mag supplement during flower to avoid excess nitrogen.

For best results use water low in total dissolved solids < EC 0.8 (400ppm). Reverse Osmosis water is recommended although not required. SimPro is effective across a wide pH range of pH 5.5 - pH 7.5.



Metabolic Growth Signal	Vegetative	Vegetative	Vegetative	Vegetative	Vegetative	Generative	Generative	Generative	Vegetative	Vegetative	Generative	Generative	Generative	Generative
Week	0	1	2	3	4	1	2	3	4	5	6	7	8	9
Photoperiod Light Cycle On / Off	24 / 0	18/6	18/6	18/6	18/6	12/12	12/12	12/12	12/12	12/12	12/12	12/12	12/12	12/12
2 Stage SimPro Formula	Vegetation	Vegetation	Vegetation	Vegetation	Vegetation	Vegetation	Vegetation	Bloom	Bloom	Bloom	Bloom	Bloom	Bloom	None
4 Stage SimPro Formula	Vegetation	Vegetation	Vegetation	Vegetation	Vegetation	Transition	Transition	Bloom	Bloom	Bloom	Boost	Boost	Boost	None
High Strength Grams / Gallon	5.0	6.0	8.0	10.0	10.0	10.0	10.0	10.0	7.5	7.5	11.0	11.0	8.0	0
EC	1.2	1.4	1.8	2.0	2.0	2.0	2.0	2.0	1.6	1.6	2.2	2.2	1.8	-
PPM	600	700	900	1000	1000	1000	1000	1000	800	800	1100	1100	900	-
Low Strength Grams / Gallon	2.5	3.0	4.0	5.0	5.0	5.0	5.0	5.0	3.8	3.8	5.5	5.5	4.5	0
EC	0.6	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.8	1.1	1.1	0.9	-
PPM	300	350	450	500	500	500	500	500	400	400	550	550	450	-

Week 0 of Vegetation denotes the seedling stage, a period from seed sprout to the beginning of rapid vegetative growth. Depending on genetics and conditions the seedling stage may vary between 2 to 4 weeks after which you should start seeing between five and seven point leaves. With **Autoflowers** switch to Bloom Formula after 5 weeks of age.

Keep in mind that its more common to over water & feed than to under water & feed. Don't overwater, healthy roots require access to plenty of oxygen. Allow the top of your media to dry before watering, then water completely until runoff. High strength feeding will require runoff, without it problems may occur. Run off is the excess water that exits the bottom of the pot.

Nutrients are taken up by the plant at different rates, unused calcium and magnesium can accumulate causing nutrient lockout. What might appear as a potassium deficiency may be excess Cal-Mag in the root zone. To flush the root zone, water heavily with a mild SimPro solution (EC 1.2 / 600 ppm) anytime you suspect a nutrient issue, then resume normal feed schedule.