

PARTIAL AMINO ACID APPENDIX

	OceanGrown Solution	Grow Big Hydroponic	OceanGrown Advantage
	<u>Tomatoes</u>		
<u>Amino Acid</u>	as a % of total mass		
Alanine	0.02	0.01	100%
Arginine	0.03	0.02	50%
Aspartic Acid	0.09	0.09	Equal
Cystine	0.01	0.01	Equal
Glutamic Acid	0.34	0.35	-3%
Glycine	0.02	0.01	100%
Histidine	0.01	0.01	Equal
Isoleucine	0.01	0.01	Equal
Leucine	0.02	0.02	Equal
Lysine	0.03	0.02	50%
Methionine	0.01	0.01	Equal
Phenylalanine	0.02	0.02	Equal
Proline	0.02	0.03	-33%
Serine	0.02	0.02	Equal
Threonine	0.02	0.02	Equal
Tryptophan	0.02	0.01	100%
Tyrosine	0.01	0.01	Equal
Valine	0.02	0.01	100%
	<u>Green Peppers</u>		
<u>Amino Acid Name</u>	as a % of total mass		
Alanine	0.03	0.02	50%
Arginine	0.04	0.02	100%
Aspartic Acid	0.19	0.09	111%
Cystine	0.01	0.01	Equal
Glutamic Acid	0.15	0.07	114%
Glycine	0.13	0.02	550%
Histidine	0.01	0.00	Indeterminable
Isoleucine	0.02	0.01	100%
Leucine	0.04	0.02	100%
Lysine	0.04	0.03	33%
Methionine	0.01	0.01	Equal
Phenylalanine	0.02	0.02	Equal
Proline	0.02	0.03	-33%
Serine	0.05	0.03	67%
Threonine	0.03	0.02	50%
Tryptophan	0.01	0.01	Equal
Tyrosine	0.01	0.02	-50%
Valine	0.04	0.02	100%
	<u>Wheat Grass</u>		
<u>Amino Acid Name</u>	as a % of total mass		
Alanine	0.17	0.13	31%

Arginine	0.18	0.14	29%
Aspartic Acid	0.82	1.04	-21%
Cystine	0.03	0.03	Equal
Glutamic Acid	0.37	0.26	42%
Glycine	0.14	0.11	27%
Histidine	0.08	0.08	Equal
Isoleucine	0.13	0.09	44%
Leucine	0.19	0.15	27%
Lysine	0.19	0.16	19%
Methionine	0.05	0.04	25%
Phenylalanine	0.16	0.11	45%
Proline	0.11	0.09	22%
Serine	0.15	0.12	25%
Threonine	0.11	0.11	Equal
Tryptophan	0.13	0.07	86%
Tyrosine	0.08	0.06	33%
Valine	0.19	0.14	36%