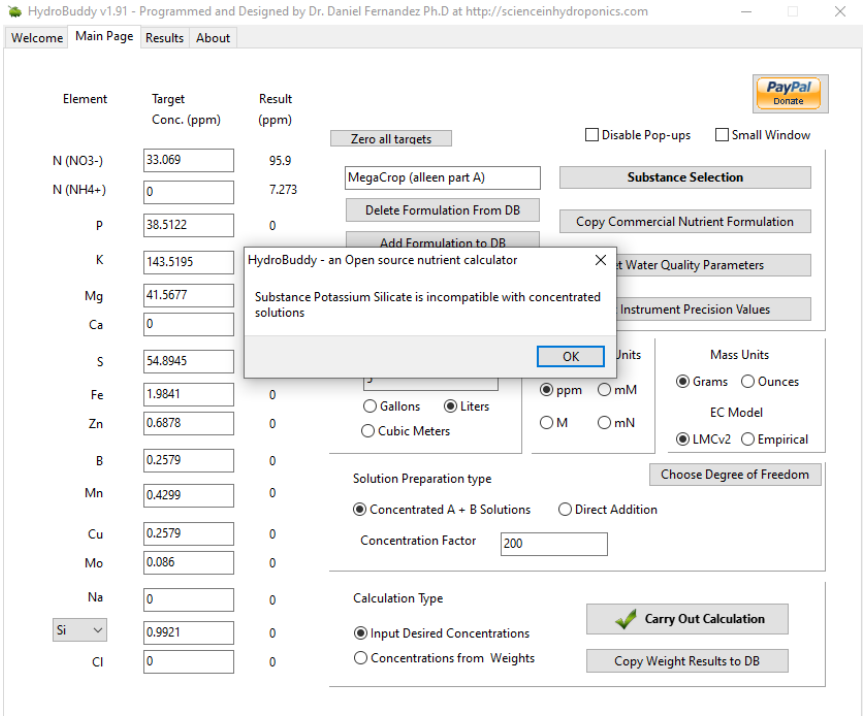
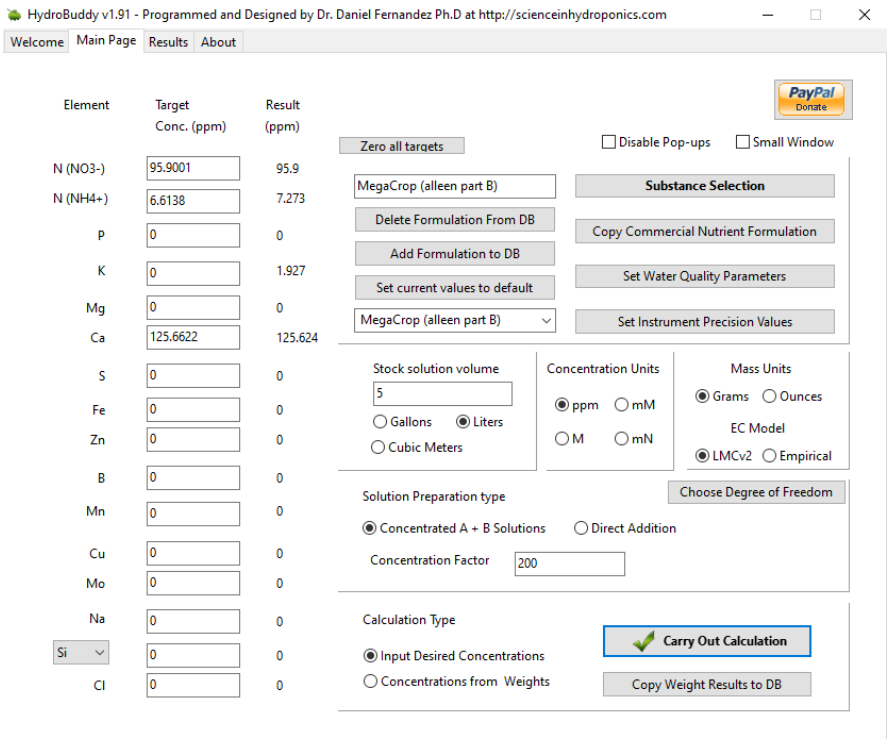
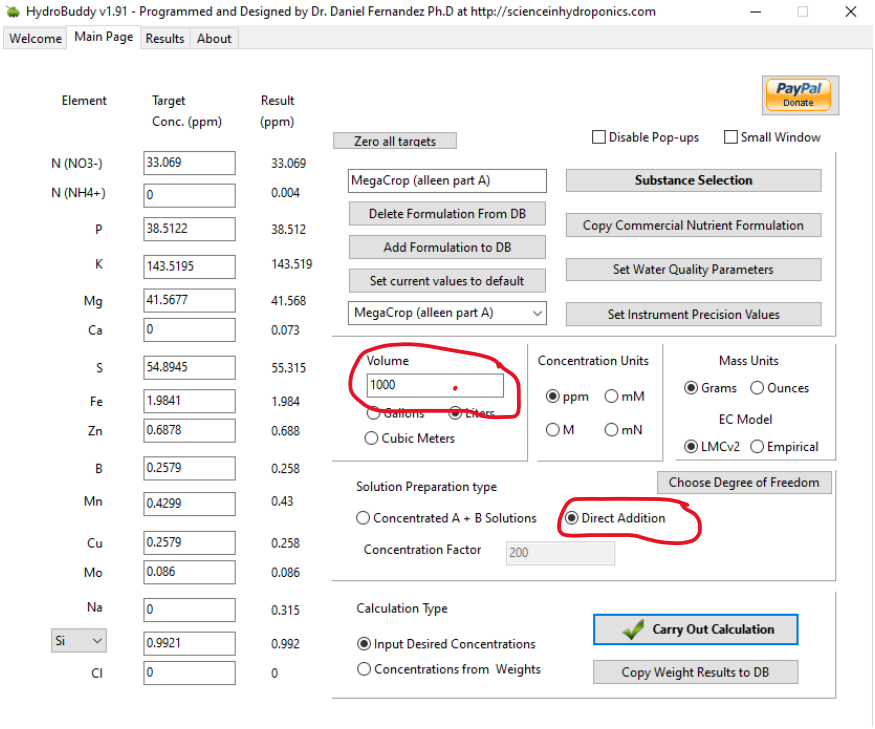
HydroBuddy MegaCrop (part A only) becomes A+B bottle. →
We get an error message that Potassium Silicate is not compatible in a concentrated volume. (see below for explanation)



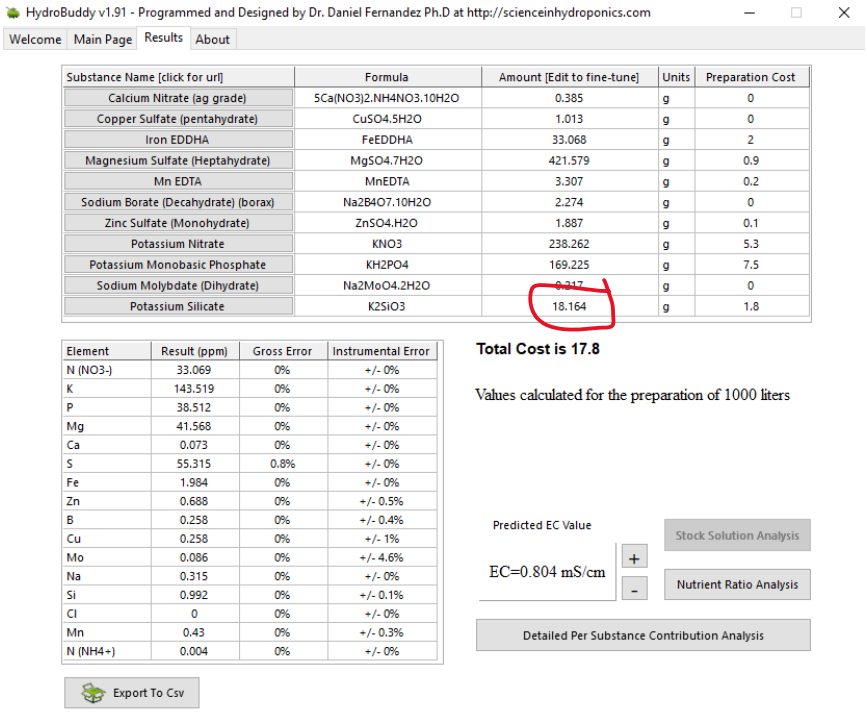
HydroBuddy MegaCrop (part B only) becomes→ C bottle



If we set the volume to 1000L and choose 'direct addition' we do not get an error message for the Kaliwater glass.



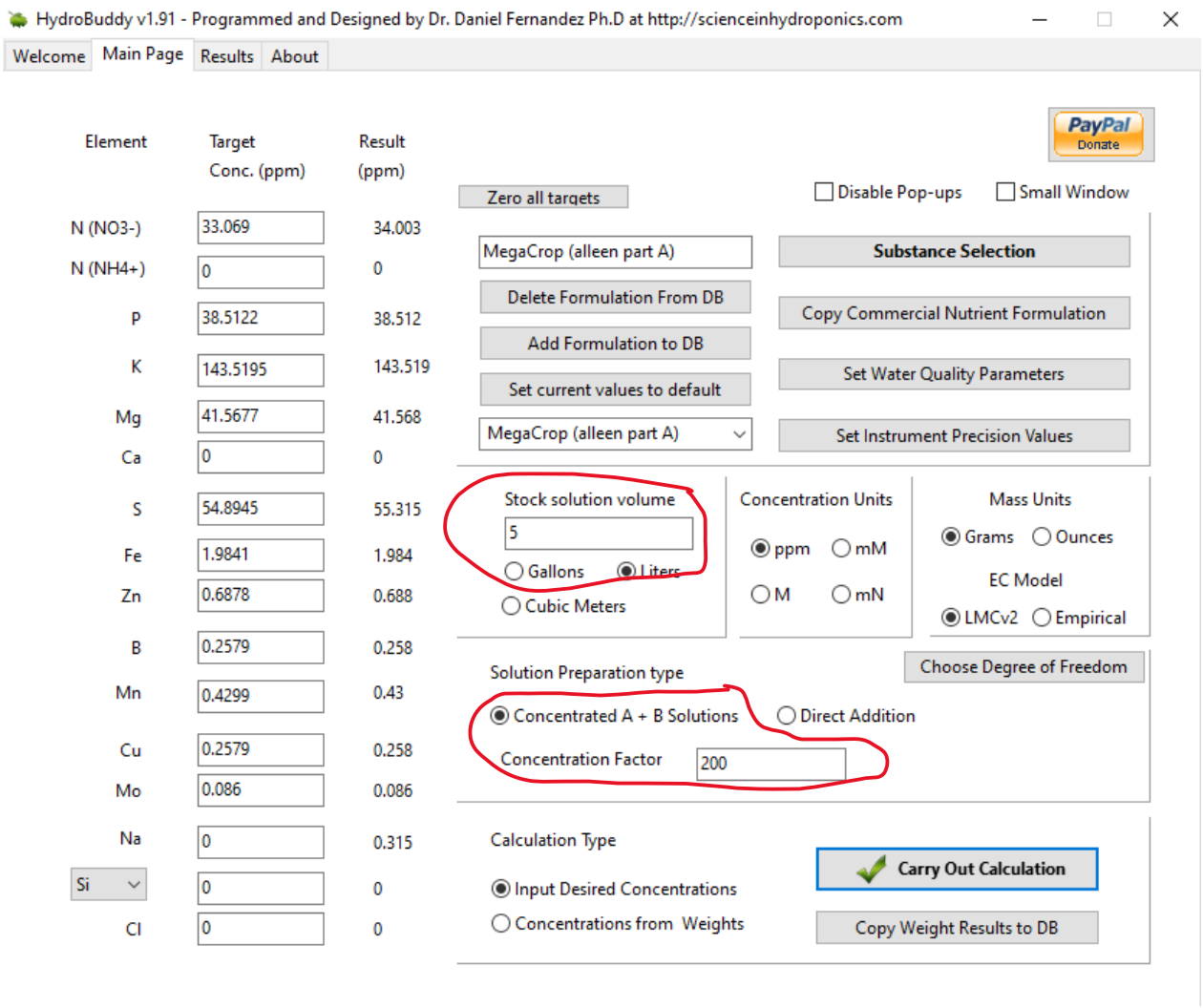
We see that 18,164g is needed for 1000L (as much as we can make with the 5L A+B).



One drop of Kaliwater glass weighs about 0.035gr. 18.164gr/1000L = 0.01864gr/L = 1/2 drop / L

Mega Crop – Part A (A and B Bottle), without the Si filled in, because then we get the error message again.
We do not put the Kaliwater glass in the A, B or C bottle, but add this afterwards.

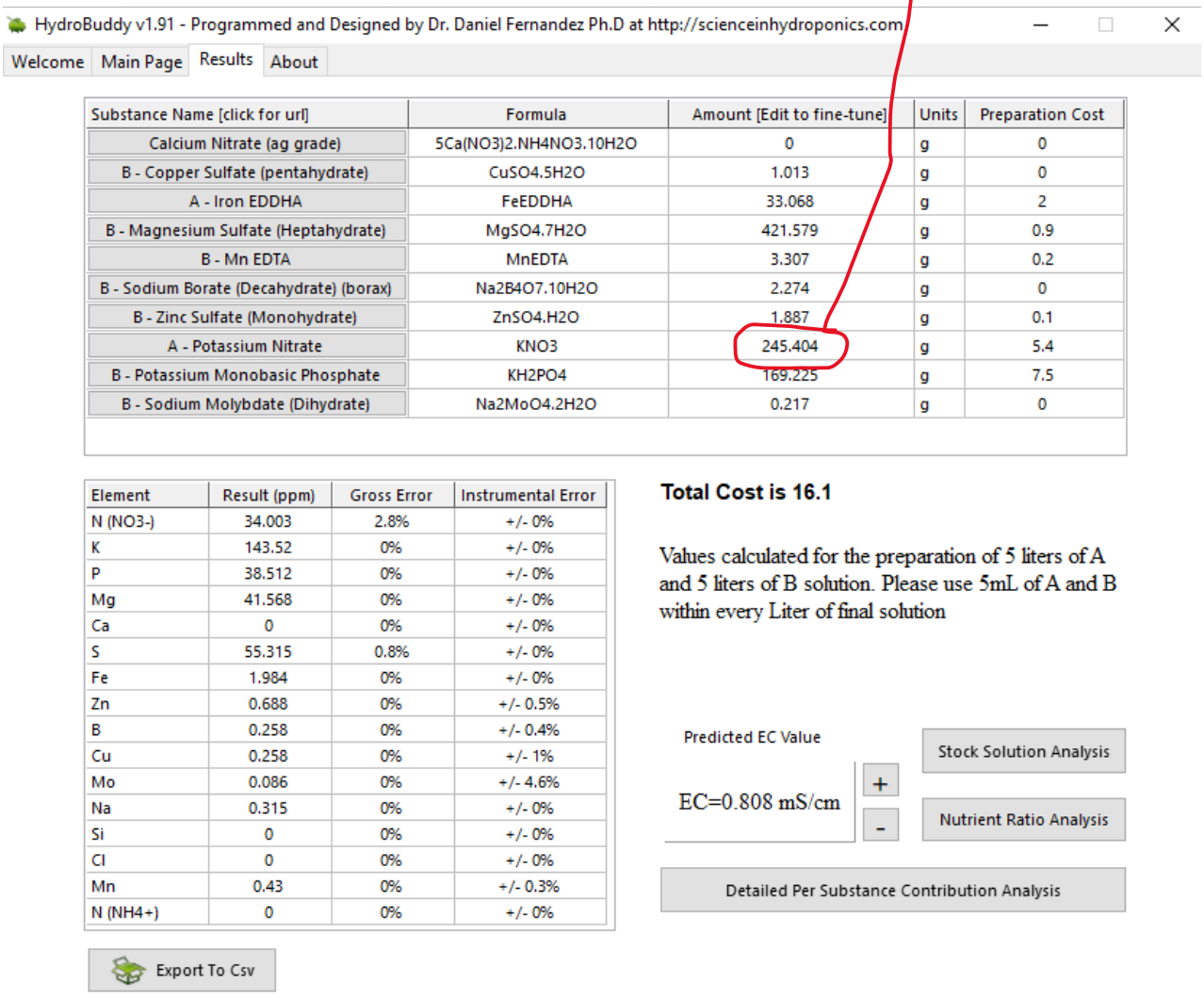
Note: reset the volume to 5L and choose 'Concentrated A + B Solutions'



This returns the following result.

KNO3 differs in weight due to the loss of the Si and must therefore be adjusted to 238,262g to get to the correct ppm afterwards when we add the Kaliwater glass. We should also add 0.385g of Calcium Nitrate, but we can ignore this because the result is negligible.

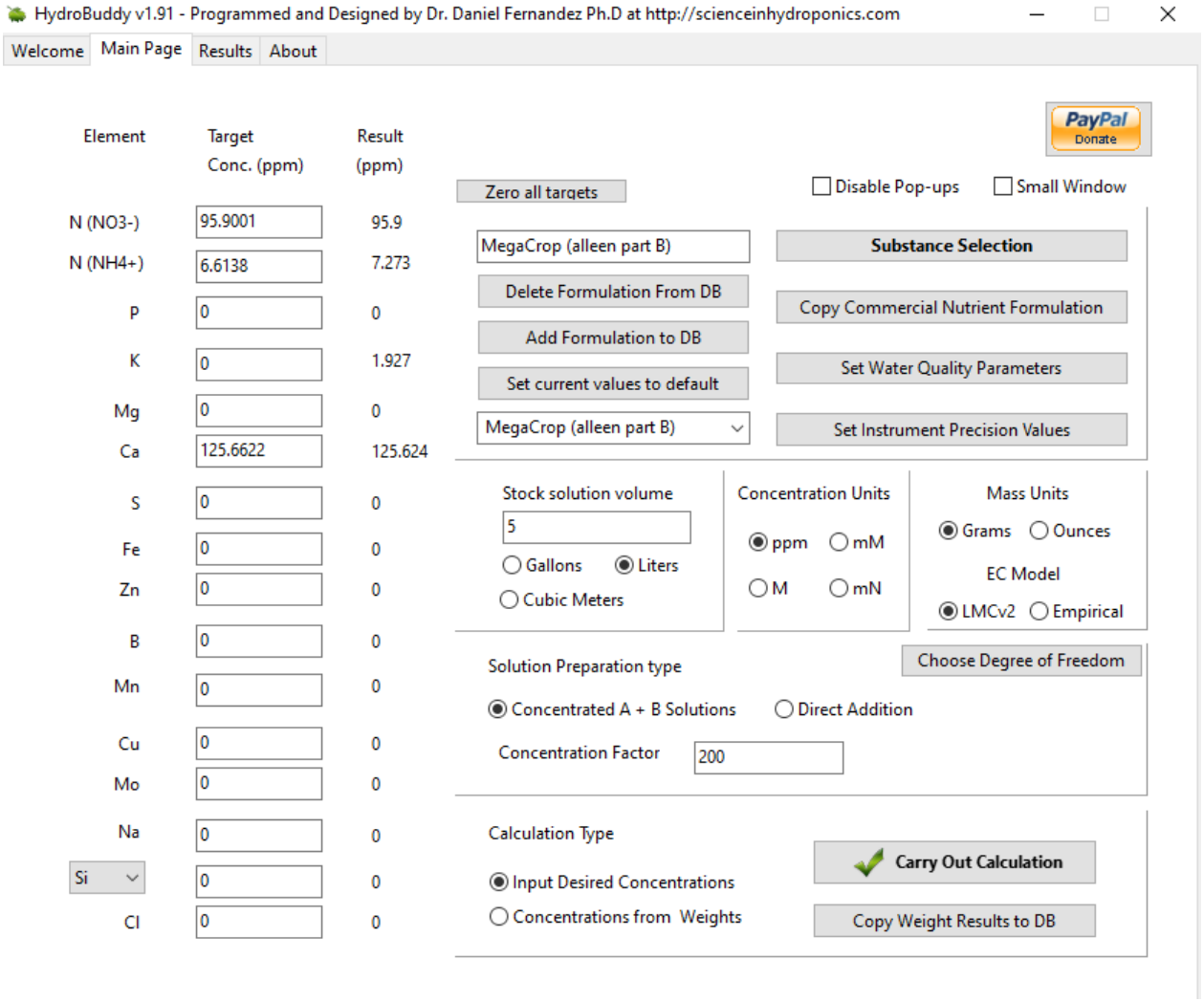
Note the A's and B's for each substance. We mix the A's with 5L of water and we mix the B's with 5L of water. For example, we mixed our A and B bottles.



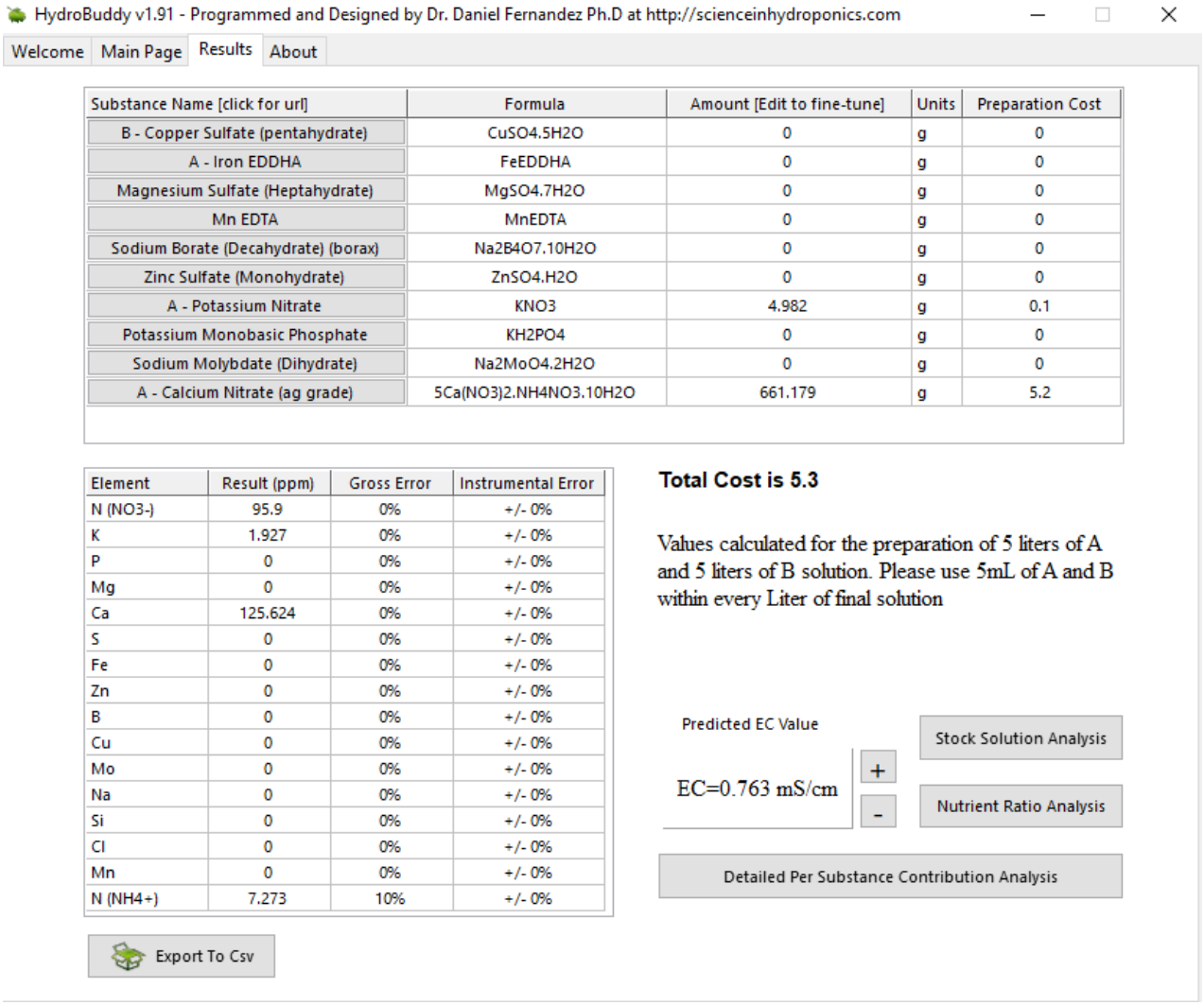
Substance Name [click for url]	Formula	Amount [Edit to fine-tune]	Units	Preparation Cost
Calcium Nitrate (ag grade)	5Ca(NO3)2.NH4NO3.10H2O	0	g	0
B - Copper Sulfate (pentahydrate)	CuSO4.5H2O	1.013	g	0
A - Iron EDDHA	FeEDDHA	33.068	g	2
B - Magnesium Sulfate (Heptahydrate)	MgSO4.7H2O	421.579	g	0.9
B - Mn EDTA	MnEDTA	3.307	g	0.2
B - Sodium Borate (Decahydrate) (borax)	Na2B4O7.10H2O	2.274	g	0
B - Zinc Sulfate (Monohydrate)	ZnSO4.H2O	1.887	g	0.1
A - Potassium Nitrate	KNO3	245.404	g	5.4
B - Potassium Monobasic Phosphate	KH2PO4	169.225	g	7.5
B - Sodium Molybdate (Dihydrate)	Na2MoO4.2H2O	0.217	g	0

Element	Result (ppm)	Gross Error	Instrumental Error
N (NO3-)	34.003	2.8%	+/- 0%
K	143.52	0%	+/- 0%
P	38.512	0%	+/- 0%
Mg	41.568	0%	+/- 0%
Ca	0	0%	+/- 0%
S	55.315	0.8%	+/- 0%
Fe	1.984	0%	+/- 0%
Zn	0.688	0%	+/- 0.5%
B	0.258	0%	+/- 0.4%
Cu	0.258	0%	+/- 1%
Mo	0.086	0%	+/- 4.6%
Na	0.315	0%	+/- 0%
Si	0	0%	+/- 0%
Cl	0	0%	+/- 0%
Mn	0.43	0%	+/- 0.3%
N (NH4+)	0	0%	+/- 0%

Now do the same for Mega Crop – Part B (C bottle)



This gives the following result. See that only two raw materials are used and that they both have the letter A in front of them. Mix these A's with 5L of water and we have our C bottle.



Substance Name [click for url]	Formula	Amount [Edit to fine-tune]	Units	Preparation Cost
B - Copper Sulfate (pentahydrate)	CuSO4.5H2O	0	g	0
A - Iron EDDHA	FeEDDHA	0	g	0
Magnesium Sulfate (Heptahydrate)	MgSO4.7H2O	0	g	0
Mn EDTA	MnEDTA	0	g	0
Sodium Borate (Decahydrate) (borax)	Na2B4O7.10H2O	0	g	0
Zinc Sulfate (Monohydrate)	ZnSO4.H2O	0	g	0
A - Potassium Nitrate	KNO3	4.982	g	0.1
Potassium Monobasic Phosphate	KH2PO4	0	g	0
Sodium Molybdate (Dihydrate)	Na2MoO4.2H2O	0	g	0
A - Calcium Nitrate (ag grade)	5Ca(NO3)2.NH4NO3.10H2O	661.179	g	5.2

Element	Result (ppm)	Gross Error	Instrumental Error
N (NO3-)	95.9	0%	+/- 0%
K	1.927	0%	+/- 0%
P	0	0%	+/- 0%
Mg	0	0%	+/- 0%
Ca	125.624	0%	+/- 0%
S	0	0%	+/- 0%
Fe	0	0%	+/- 0%
Zn	0	0%	+/- 0%
B	0	0%	+/- 0%
Cu	0	0%	+/- 0%
Mo	0	0%	+/- 0%
Na	0	0%	+/- 0%
Si	0	0%	+/- 0%
Cl	0	0%	+/- 0%
Mn	0	0%	+/- 0%
N (NH4+)	7.273	10%	+/- 0%

Eventually, you're going to have three bottles. The A+B bottle you have obtained from the first recipe. Being bottle A and B. And the A bottle from the second recipe. Being
bottle C.

Below you can see the amounts you need to make 1L of food.

Seedlings to late Veg3ml A & 3ml B & 5ml C + 1/3 drop Kaliwater glassLate veg/Early Bloom5ml A & 5ml B & 5ml C + 1/2 drop Kaliwater glass (+ 3.3ml Bud Booster)
Full Bloom8.4ml A & 8.4ml B & 3.6ml C + 1 drop Kaliwater glass (+ 5ml Bud Booster)

Bud Booster HP (5L)

16g Magnesium Sulfate

381g Mono Potassium Phosphate

Bloom – week 1-3 = 3.3ml/L

Bloom – week 3 - harvest 5ml/L