

Volume 1 | Issue 2

August 8, 2018


# Acquainting Agriculture Newsletter

*“But other seed fell on good ground and yielded a crop that sprang up, increased and produced.” – Mark 4:8*

School is about to start and all final preparations for the agriculture program are coming together. We can’t wait to see how many students enroll in our program. Thank you all for your support and prayers!

## Soil Test Results

Our program used International Ag Labs for its soil analysis and were surprised at the findings. After consulting with John C. Frank, agronomist for International Ag Labs, we found that our soil has had lots of amendments applied, gearing it up for “reproductive crops” like tomatoes and peppers. High phosphorus levels are great for these seed producing crops, but not for the leafy winter crops that we plan to grow during the school year. The high phosphorus levels actually hinder the availability of calcium, which is needed for the growth of leaves. The “desired ratio of calcium to phosphorus is 16:1,” explained Mr. Frank, whereas our soil is almost 1:1. During our phone conversation many recommendations were made and it left us with a lot of hope that we too can bring our soil to a balanced state and up to par for this fall/winter/spring growing season.

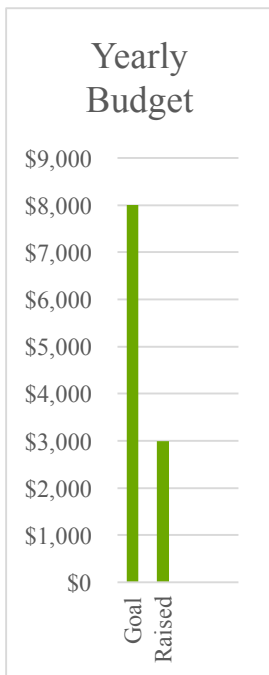


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NAME:	Anna Perea	DATE:	07/30/18
ADDRESS:	300 SW 42nd St.	SAMPLE TESTED:	Garden Bio
CITY/STATE:	Loveland, CO 80537	Plot Size:	26,000 Sq. Ft.
		2017 CROP GROWN:	
		2018 CROP:	
		LAB TESTS:	1629


  

SOIL ANALYSIS REPORT				
UNIT	DESIRED RATIO	DESIRED LEVEL	LAB RESULTS	Soil Index
HUMUS		30-40	25	
NITRATES		40	70	
AMMONIA		40	24	
PHOSPHORUS	1P:1K	174	2990	2.09 : 1 P to K Ratio
POTASSIUM		167	1431	
CALCIUM	7 Ca : 1 Mg	3000	3355	6.75 Ratio
MAGNESIUM		429	497	
SODIUM		<35	80	Very High
ERGS		200	689	
ORP		28	27	
pH		6.5	7.4	
COPPER		0.8-2.5	1.5	High
IRON		10-25	18.2	High
ZINC		1-6	5.5	High
MANGANESE		8-30	4.0	Very Low
BORON		0.8-1.2	2.6	Very High
SULFUR		30	Not Tested	
ORGANIC MATTER	%	4%	Not Tested	
FORMAZAN		600	Not Tested	



*If the managers of this farm and the teachers in the school will receive the Holy Spirit to work with them, they will have wisdom in their management, and God will bless their labors. The care of the trees, the planting and the sowing, and the gathering of the harvest are to be wonderful lessons for all the students... God is at work in nature, and it is to make plain the things of the kingdom of heaven. – 6T p. 185*

## Work Bee this Sunday!

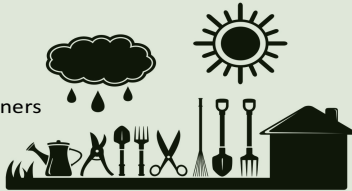


**Campion Academy's new Agriculture Program** is starting in about one week and we need help getting the greenhouse ready for the students!

Cleanup will be this **Sunday, August 12<sup>th</sup>**  
From **8:00am - 12:00pm**

**Bring any of the following for personal use:**

- Gloves
- Metal Rakes
- Shovels
- Wheel Burrows
- Brooms
- Cleaning Rags
- Hammers
- Tree/Shrub Pruners
- Drinking Water
- Sunscreen



Questions? Call Anna Perea 817-944-5730

We need all the help we can get as we prepare our greenhouse/classroom for the incoming students. We have a few goals for the day. The first goal is to make the sidewalls of the greenhouse roll up to allow better ventilation. The next goal is to thoroughly clean out all the bindweed inside the greenhouse (the weed was previously removed by student workers at the end of last school year, but has grown back with a

vengeance!). The next goal is to clean up the drainage canal, widen it, and place rocks along the bottom to allow for better drainage. The last goal is to clean up around the outside of the greenhouse, picking up trash and weed eating. See you there!

## Summer Travels

We had a wonderful time touring Bountiful Blessings Farm in Williamsport, TN. The Dysingers were excellent hosts as they showed us what it takes to operate a market garden. My boys had so much fun as they, helped to plant lettuce seeds, weeded blueberry rows, and explored all over the farm. We've brought back a lot of knowledge that has already proven to be extremely useful as Acquainting Agriculture is taking off!

