How To Become A Self-supporting Crop Production Specialist!

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The use of a plant nutrient extraction machine could very well guide you how to become a self-supporting crop production specialist. A plant nutrient extraction application could reignite the farm economy **which may increase the use of the nutrient extraction** technology. The main reason is that the application of grass extraction technology could save the user 60% to 75 % off the commercial fertilizer cost in comparison to approximately equivalent to the synthetic fertilizer cost on the market today.

The enclosed photograph illustrates 10 different sizes of plant nutrient extraction machine (all units have a dual function)such as <u># 1 Plant Nutrient Extraction</u> and <u># 2 Plant Nutrient</u> <u>destruction (after marijuana harvest)</u>. Each unit on the photograph shows different extraction quantities which are shown and noted on the enclosed photograph. The plant nutrient quantities should be diluted with 1:1 ratio of chlorine free water that should be pH corrected to meet the pH of the future crop to be grown.

As you understand all corrective matters begin with the soil and soil analysis. The recommendations and type of fertilizer need to be applied in order to <u>correct the soil nutrient</u> <u>deficiencies</u>. The timing and seasonal fertilizer application will determine if your seasonal fertilizer application will meet the needed fertilizer rates. Based on the seasonal fertilizer requirements one has to decide when and what fertilizer types need to be applied? The fertilizer applications should gain the maximum benefits for the anticipated yield goal. The timing of fertilizer application rate determines what responses could be expected provided if the fertilizers are applied at the mosy favorable season.

What Yearly Season Should The Fertilizer Be APPLIED? In Spring? Summer? Fall? or Winter?

The answer differs depending when a seasonable applications becomes ideal to be applied.

<u>1. If the fertilizer applications are in the Fall</u>: First get a soil test which will be based on the soil test results. All fertilizers need to be purchased and be delivered to the appropriate farm location. Apply the otganic fertilizers as soon as possible during the fall season.

If you apply the fertilizer sources into inorganic matter you are partly ending up with fertilizer and soil.

3.If the converted inorganic sources are still available the nutrients will be taken up in the **SPRING** by the growing vegetation. You are ending up with partly converted soil fertility and all you have the FALL season ending up with untouched fertilizer and soil. Ending up with a fertile soil,

IF the fertilizer applications are scheduled for this coming winter you will be confronted with very small quantities of <u>converted fertilizer sources</u> and a <u>graveyard of dead</u> microbes.

The success of bacterial growth and chemical conversions are decided to be in the fall.

4.The WINTER fertilizer application changes to no conversions and you will be left only with the fertilizer and soil.

However if you apply the fertilizer sources in the LATE WINTER all remains unaltered and all you see is the fertilizer granules or you may not see anything since some of the fertilized salts may have been disolved by water in the soil only. Since winter months due to starvation kill off thousands of microbes forming pnly a bacterial graveyard. To encourage the multiplication of the bacterial colonies suggest to apply a <u>carbon source</u>, <u>nitrogen</u> and <u>magnesium sulphates</u> = gypsum or magnesium which will enhance the microbial population rather quickly. Since we find a low frequencies in magnesium sulfates deficiencies it is suggested to collect from the building companies the remains of old and or new cut-off- of gypsum board cuttings (waste). Dried gypsum can be ground into workable powder that can be stored in waterproofed bags for eventual use if needed later when needed.. Similar nutritional materials can be stores or processed for future needs. As indicated in other publication I specify other materials that may be ideal to store for future needs.

Professional Regards,

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