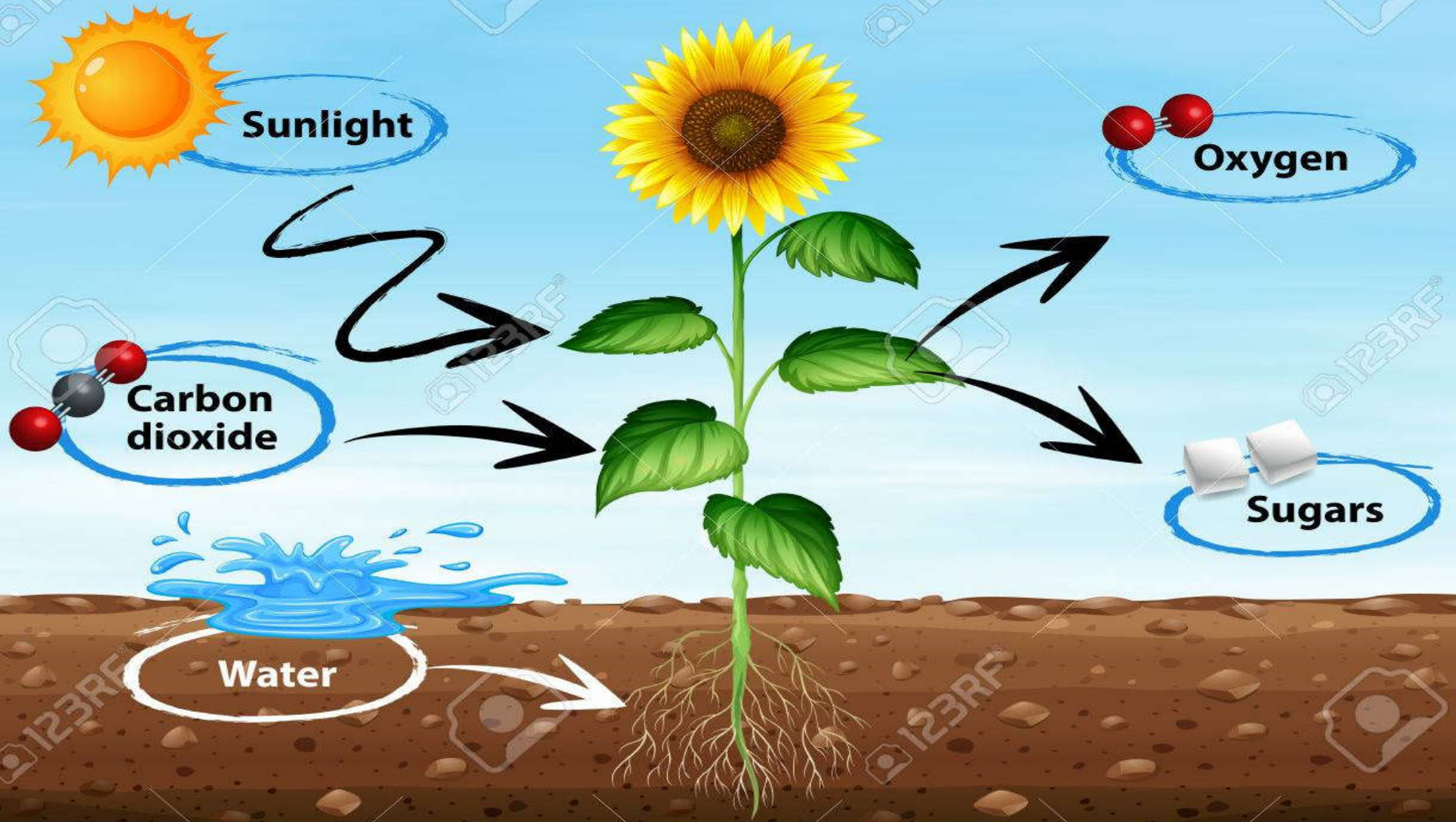




**“Photosynthesis Enhancement. ” And Soil Re-habilitation To
Healthier, Better Yield For Palm Oil Trees.**

A Presentation by Nature Nutrients .

Process of Photosynthesis



Why “Photosynthesis Enhancement” is the answer to farmers?



OVERVIEW

Plants grow by converting CO_2 —also found in air—to carbon through photosynthesis, and greenhouse plants absorb even more CO_2 because of the increased artificial lighting that is present. If the greenhouse environment is enriched with CO_2 , the temperature is kept constant, and sufficient lighting is provided, plant growth and the harvest yield can be increased significantly.

Europeans are now using "Carbon Dioxide Fertilization," to enhance photosynthesis. Yield of Tomatoes and Bell peppers can now increased up to 50%-100% . In "Carbon Dioxide Fertilization," the leaves are enlarged and thickened, when these happened, Chloroplast in the leaves increase the production of sugars and feed the tree, at the same time feeding nitrogen-fixing and nitrification bacteria in soil.



Because of excessive carbon dioxide emission from palm oil Mills, it makes surrounding Palm Trees grew very healthy and enhancing yield.

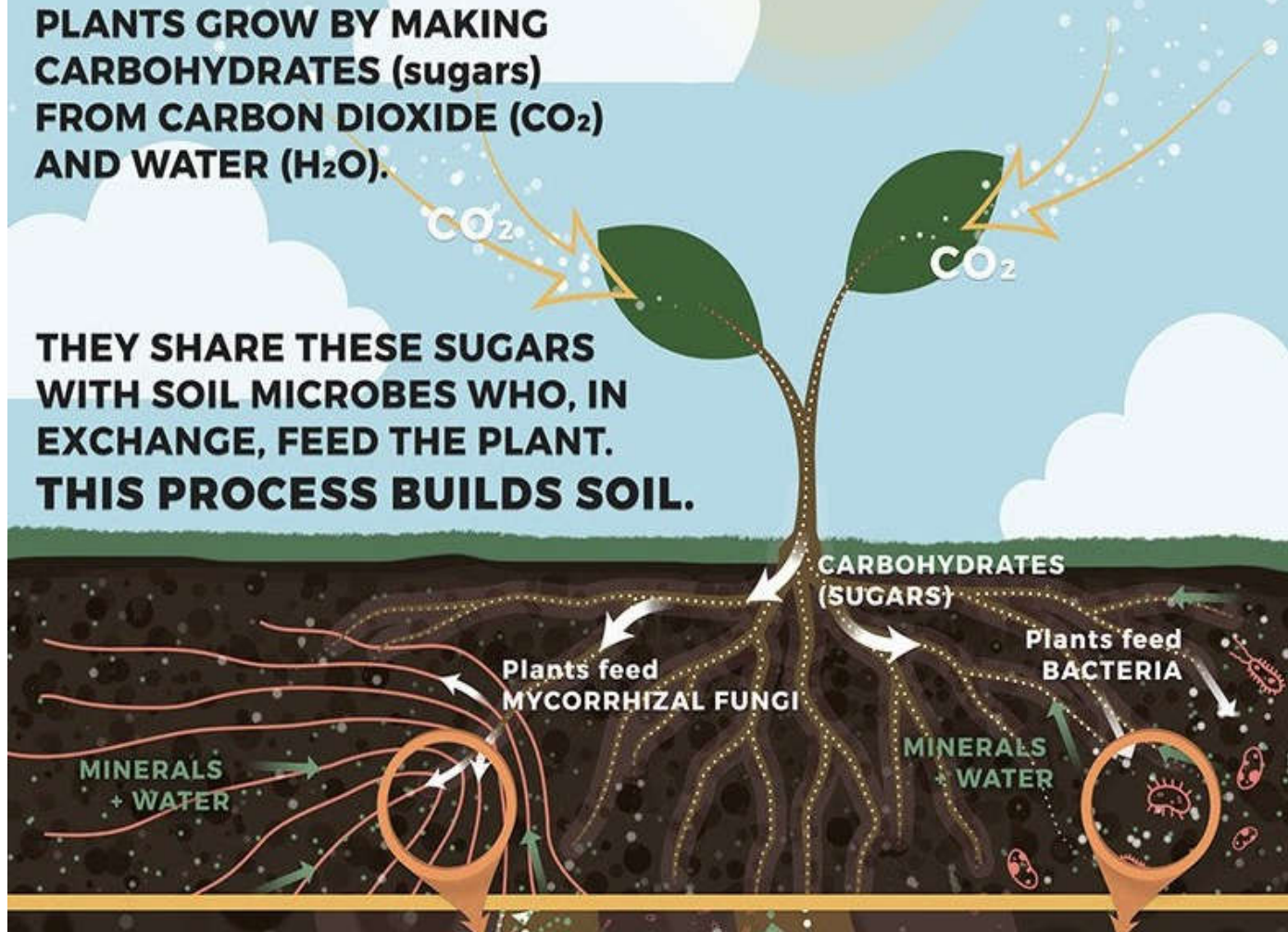
However, to use "Carbon Dioxide Fertilization" for all of Palm plantations is impossible and too expensive.

Therefore, a cheaper form of "Photosynthesis Enhancement" is developed; to facilitate the Palm Trees with the balanced plant growth nutrients, so that the roots may grow deep and well spread. Triggering growth factors for bigger trunk, and grow larger and thicker fronds. When all three factors geared up within the trees; sugar production is greatly increased through Photosynthesis, supplying abundant nutrients for the trees on a daily basis. Because of sufficient food supply, the trees release its extra energy through flowering and yielding bigger bunches of fruits.

BUILDING HEALTHY SOIL SOLVES EVERYTHING!

PLANTS GROW BY MAKING CARBOHYDRATES (sugars) FROM CARBON DIOXIDE (CO₂) AND WATER (H₂O).

THEY SHARE THESE SUGARS WITH SOIL MICROBES WHO, IN EXCHANGE, FEED THE PLANT. THIS PROCESS BUILDS SOIL.



Basic Plant Science: The leaves produce carbohydrates (sugars) to feed the plant itself; and some 60% of the sugars that the plant produced will be channeled to the root hair to feed fungi and bacteria.

Increased in palm sugar in the soil through the roots greatly increased nitrogen-fixing bacteria and nitrification bacteria. So plants feed sugar to bacteria and bacteria feeds the plant.

“Photosynthesis Enhancement,” by means to enlarge the sizes of the Palm Fronds and promote extensive roots growth. This makes fronds increase sugar production; increase sugar means abundant food for the trees, the roots, and microbial lives, and in turn the microbial lives process nutrients for the plants.

Introducing “Plant Renewal” : It is a combination of Plant’s Nutrients that stimulate healthy growth of fronds; with nutrients for larger and longer fronds that help to produce lots of sugar for the plants.





More than 160 acres already tested
in Sarawak and Pahang.

After “**Photosynthesis
Enhancement**” is applied
within 3 months, most trees will
have strong, stout and straight
fronds. Then follow by healthy
numbers of flowers, and larger
fruits bunches.



Stout and straight fronds within
3 months



Better flowers setting and bigger
fruits within 5 months



“Photosynthesis Enhancement” for 2 months; fronds became stout and healthier, flower settings improved. Soil condition is also improving.



All you need to do is to try 5 acres with “Photosynthesis Enhancement” for 3 months; the first sign to better yield is larger and dark green Palm Fronds.



This fresh fruits' bunch reached 76 kilos.



40s kg bunches with Enhanced Photosynthesis.



Trees' fronds grown bigger and followed with big fruits' bunches

Data of Natives Plantation Land in ASAP, Beluga District ,Sarawak.

Yield in a block 219 trees, average 12 years old.

Never use Chemical fertilizer for 4-5 years, lack of fund.

May 2019- September 2019. Monthly application once a month. (Rejuvenate period.)

The following monthly yield is recorded.

	Frequency	Month/Year	Recorded Yield		
			Larger Fronds	More Fruits	Harvested Yield/Tonnage
Month 1	First Week	May-19			
Month 1	Third Week	May-19			
Month 2	First Week	Jun-19	<input checked="" type="checkbox"/>		
Month 3	First Week	Jul-19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Month 4	First Week	Aug-19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Month 5	First Week	Sep-19		<input checked="" type="checkbox"/>	
Month 6	First Week	Oct-19			4.1 ton
Month 7	First Week	Nov-19			5.3 ton
Month 8	First Week	Dec-19			7.2 ton
Month 9	First Week	Jan-20			3.4 ton
Month 10	First Week	Feb-20			6.2 ton
Month 10	First Week	Mar-20			4.73 ton
Total yield for 6 months after 5 months Rejuvenation					30.93 ton

219 trees / 60 trees per acre = 3.65 acres

30.93 ton / 6 months. 5.155 ton per month average from 3.65 acres

5.155 ton / 3.65 acre = **1.412 ton a month average.**



A) Shake well the bottle of "Plant Renewal", then mix 100ml into sprayer with 20 liter water.



"Plant Renewal" 500 ml. So 500ml/100ml, a bottle is 5 applications x 20 liter, its 100 liters, The ratio is 1 - 200 .

Where to spray:

Spray the roots at the bottom of the trunk, And the composting fronds where hair roots are located.



Every 20 liters spray around 20 palm oil trees, 3 years and above; this is the optimum dosage for

"Photosynthesis Enhancement."

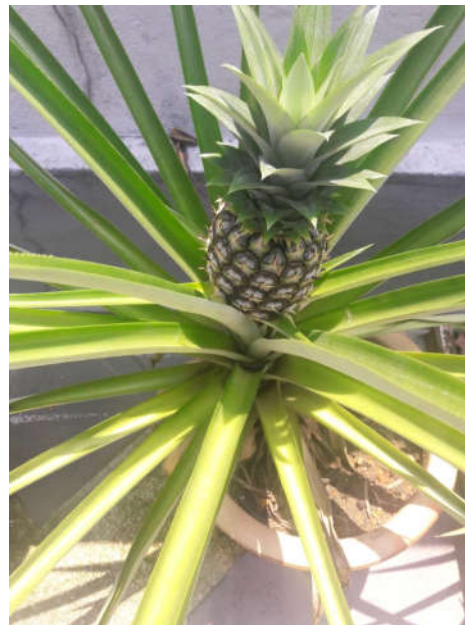
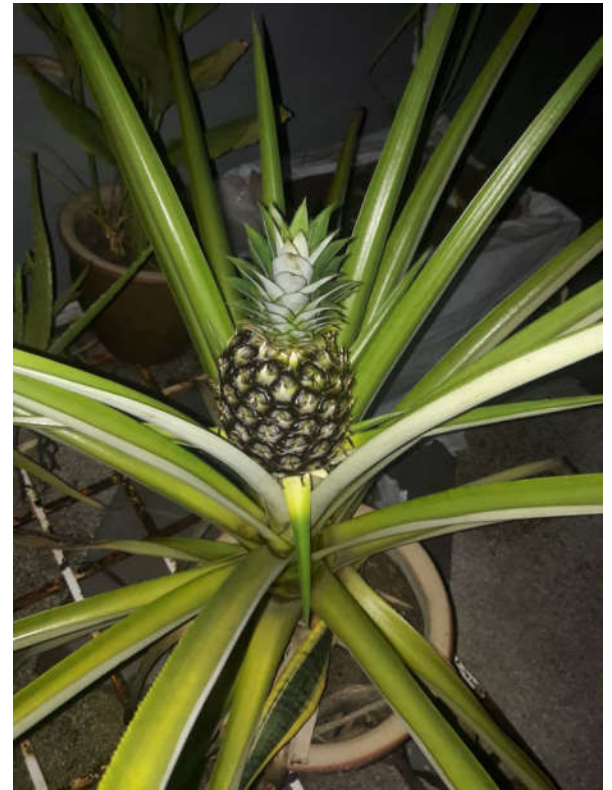
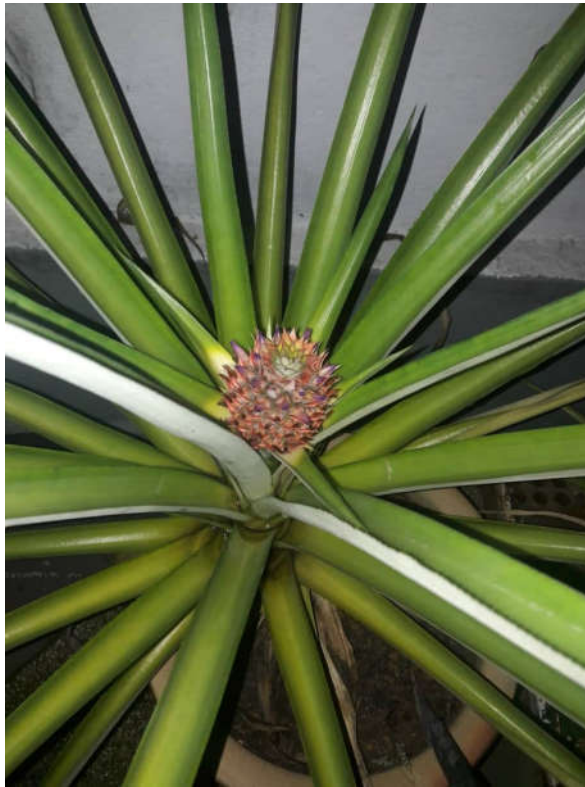
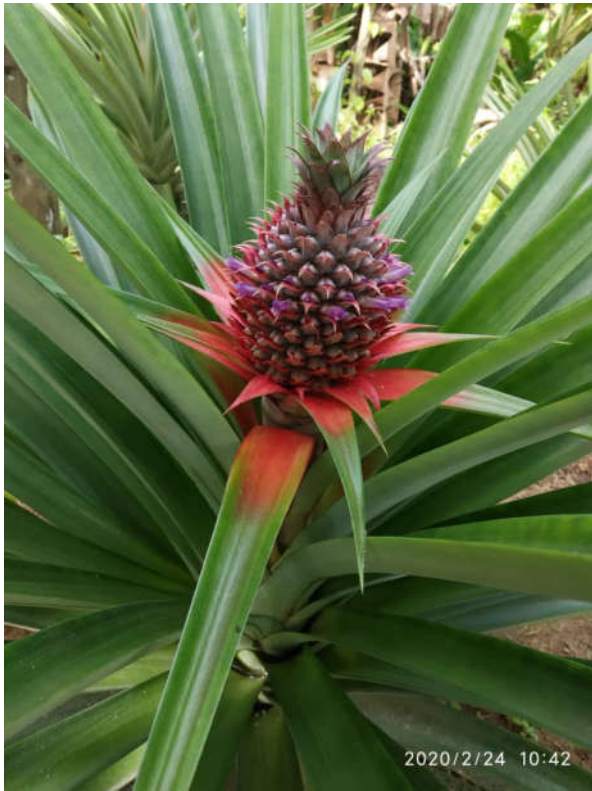
Frequency of Applying Photosynthesis Enhancement:

Twice a month for the first month, after that once a month

13 application for the first year..

Once a month 2nd year onward.

	Frequency	Quantity per application	Visible Effects on trees		
			Larger Fronds	More Female Flowers	Larger fruits
Month 1	First Week	Around 1.5 per liter per tree			
Month 1	Third Week	Around 1.5 per liter per tree			
Month 2	First Week	Around 1.5per liter per tree	☑		
Month 3	First Week	Around 1.5per liter per tree	☑		
Month 4	First Week	Around 1.5per liter per tree	👍 ☑	☑	
Month 5	First Week	Around 1.5per liter per tree	👍 ☑	☑	☑
Month 6	First Week	Around 1.5per liter per tree	👍	👍 ☑	👍 ☑
Month 7	First Week	Around 1.5per liter per tree	👍 👍	👍 ☑	👍 ☑
Month 8	First Week	Around 1.5per liter per tree		👍	👍 ☑
Month 9	First Week	Around 1.5per liter per tree		👍 👍	👍 👍
Month 10	First Week	Around 1.5per liter per tree			
Month 11	First Week	Around 1.5per liter per tree			
Month 12	First Week	Around 1.5per liter per tree			



"Photosynthesis Enhancement."

Works very well on pineapples plants. In pots or on ground.