



Banana Result
Ticanlu Tiquisate, Guatemala

Guatemala Nov. 2023

General view of banana plantation....



Healthy banana plantation....

The numbers of plant by hectares is 1550

Average of diameter: 125 cm

General View of banana plantation....



General conditions of banana plantation...

When apply Monty's programs you will see different in the area example:

- More leaf each plant of banana
- More healthy
- More weed
- More new shoots

Because in this area to increase the available fertilizers.

Programs to apply during one years....

| | Enero | Febrero | Marzo | Abril | Mayo | Junio | Julio | Agosto | Septiembre | Octubre | Noviembre | Diciembre |
|----------------|--------------------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|---------------|
| Product | Dri- Carbon | Liquid Carbon | Dri-Carbon | Liquid Carbon | Dri-Carbon | Liquid Carbon | Dri-Carbon | Liquid Carbon | Dri-Carbon | Liquid Carbon | Dri-Carbon | Liquid Carbon |
| Dose Kg/ Lt/Ha | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Metodology | Irrigation systems | | | | | | | | | | | |

Conversion factor of bunch to box

- More weight
- More Size
- More quantity by bunch
- Best conversion of factor bunch to commercial box.



Shield life...



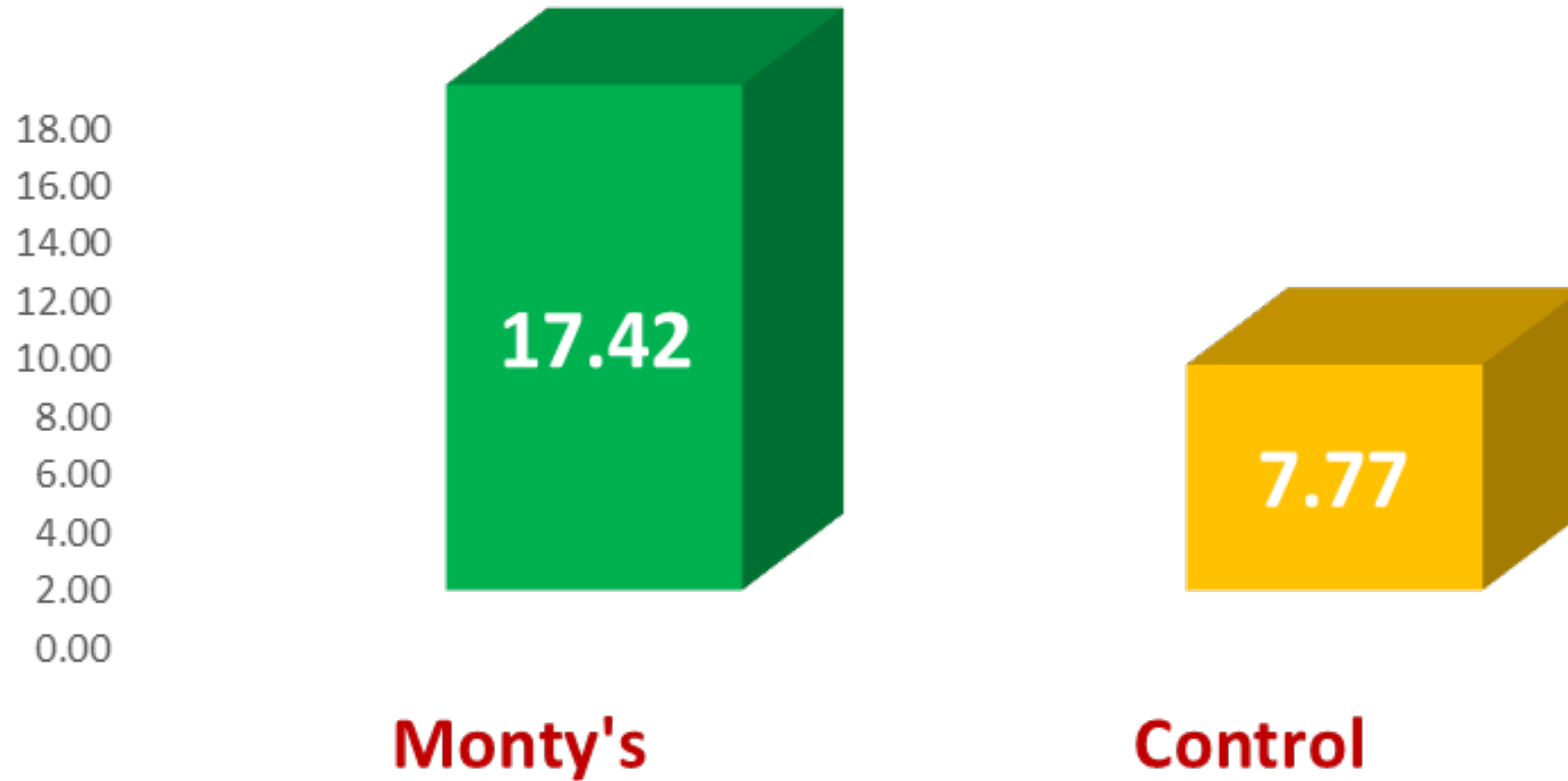
- better maturation
 - **Uniform**
 - **Size**
 - **Stay stable**

General data.....

| Treatment | Bunch weight (Pound) | Total finger by bunch | Long of finger(in) | Diameter (in) | Finger by Hand |
|--------------|----------------------|-----------------------|----------------------|---------------|----------------|
| Monty's | 38.3 | 45.5 | 9.6 | 1.9 | 7 |
| Control | 17.1 | 34.0 | 7.8 | 1.6 | 5 |
| Different ++ | 2.24 | 1.34 | 1.24 | 1.17 | 1.40 |

More weight of total bunch.....

Weight / Kg



Weight in pounds evaluation Monty's vs Commercial treatment



Weight Monty's



Weight test....

Conversion factor of bunch to box

| Treatment | Factor | Pts of best |
|-----------|--------|-------------|
| Monty's | 0.77 | 0.42 |
| Control | 0.34 | |

This factor the normal numbers is 0.5

Evaluation of banana crops....



Monty's Treatment



Control Treatment

Rentability analysis

| Plant by Hectarea | 1550 | Commercial Boxes by Ha | Cost to sale \$ | Total in \$ |
|----------------------|------|------------------------|-----------------|-----------------|
| Factor Montys | 0.77 | 1,193.50 | 15.00 | 17,902.50 |
| Factor Control | 0.34 | 527.00 | 15.00 | 7,905.00 |
| Different \$ | | | | 9,998 |
| Investment \$ | | | | 250.00 |
| EBIT | | | | 9,747.50 |