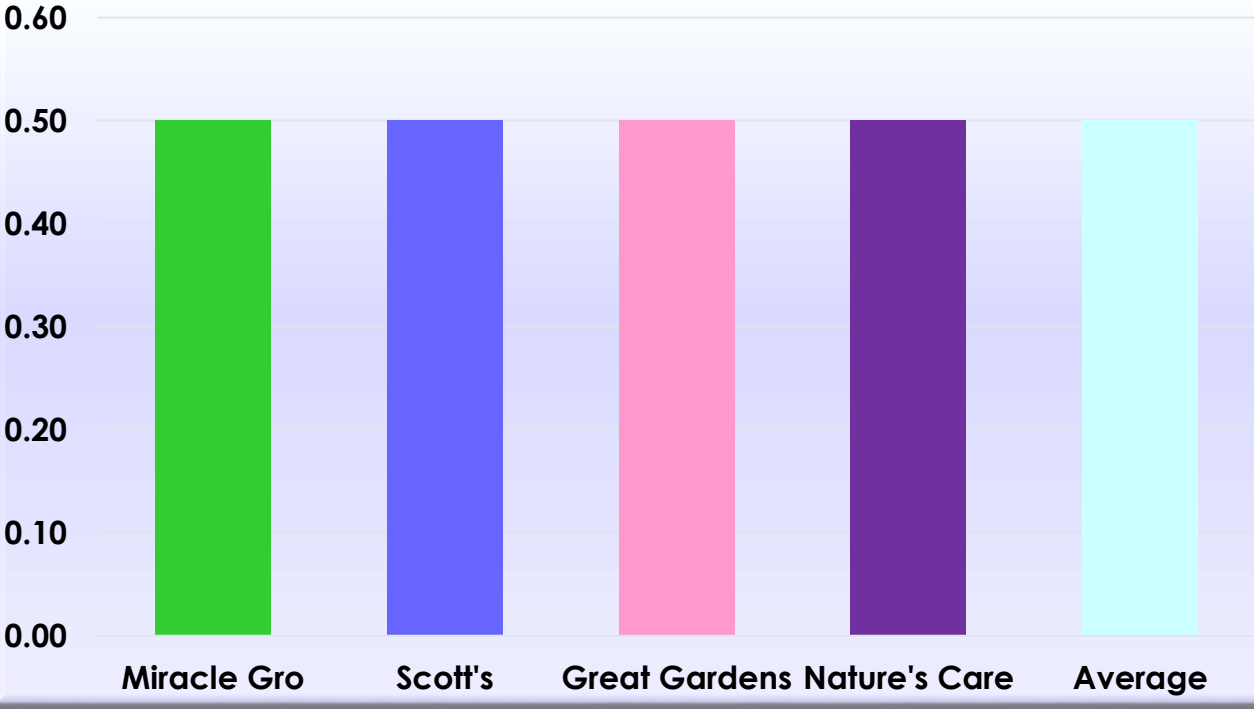


Sunflower Growth: Does Soil Really Matter?

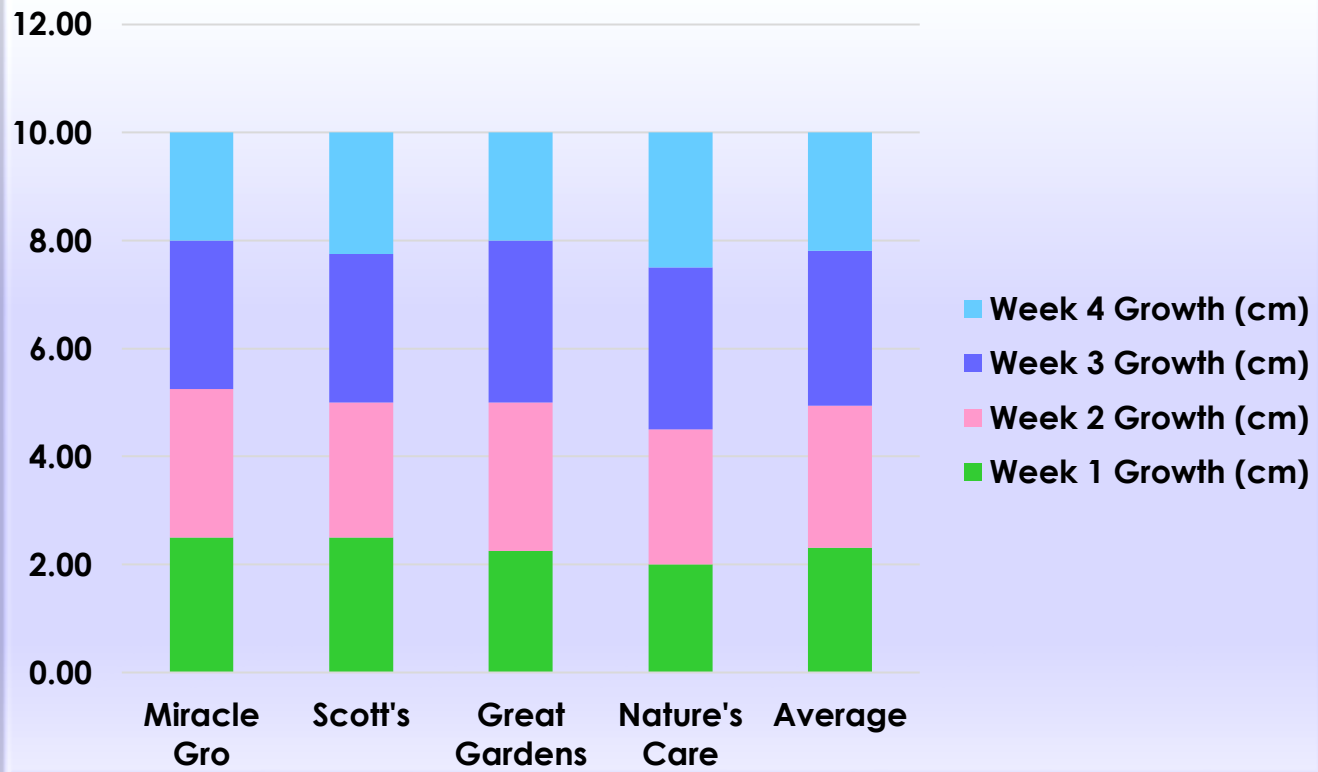
Control: Plenty of Water

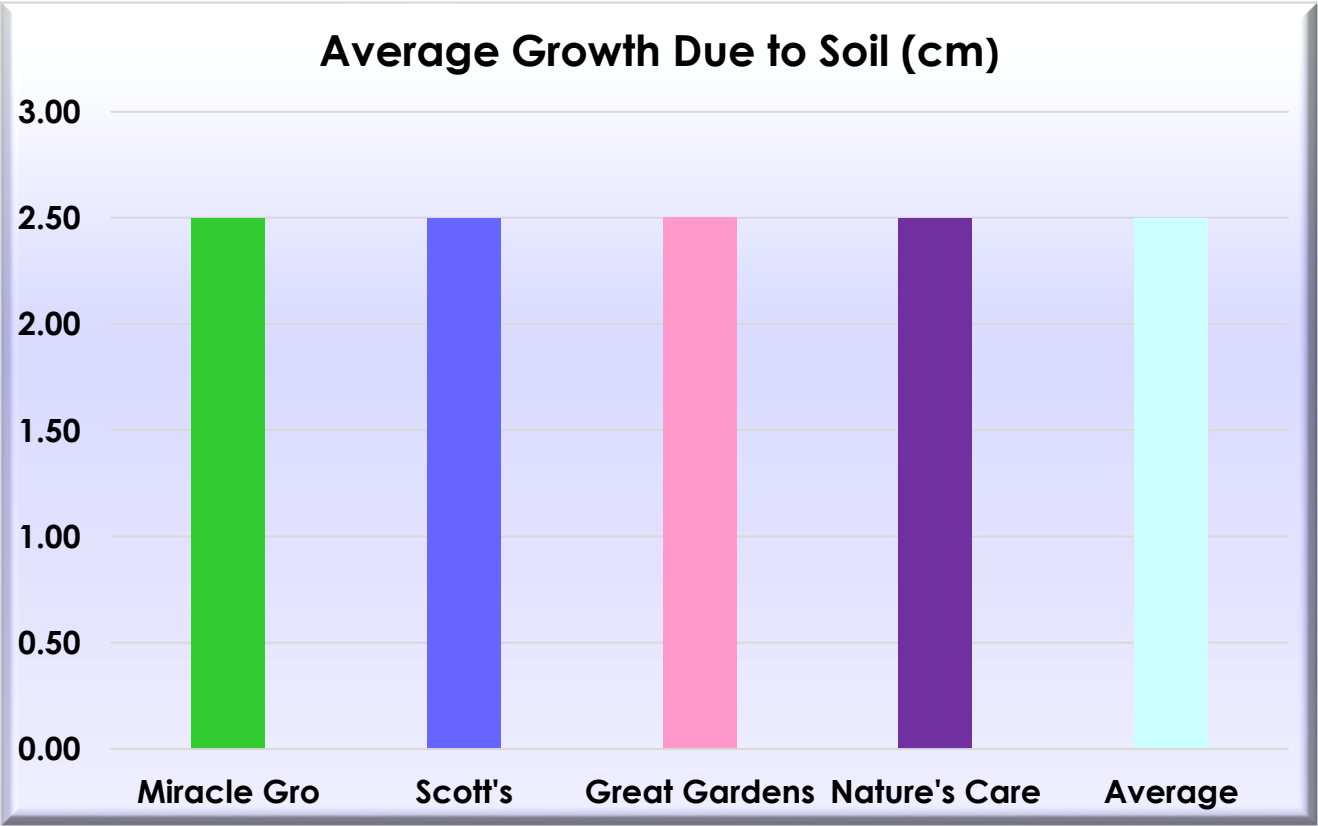
| Soil Brands | Week 1 Growth (cm) | Week 2 Growth (cm) | Week 3 Growth (cm) | Week 4 Growth (cm) | Total Height (cm) | Average Growth Due to Soil (cm) | Total Amount of Water (mL) | Growth/ Liter of water (cm/L) |
|---------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------|------------------------------------|-------------------------------|----------------------------------|
| Miracle Gro | 2.50 | 2.75 | 2.75 | 2.00 | 10.00 | 2.50 | 20.00 | 0.50 |
| Scott's | 2.50 | 2.50 | 2.75 | 2.25 | 10.00 | 2.50 | 20.00 | 0.50 |
| Great Gardens | 2.25 | 2.75 | 3.00 | 2.00 | 10.00 | 2.50 | 20.00 | 0.50 |
| Nature's Care | 2.00 | 2.50 | 3.00 | 2.50 | 10.00 | 2.50 | 20.00 | 0.50 |
| Average | 2.31 | 2.63 | 2.88 | 2.19 | 10.00 | 2.50 | 20.00 | 0.50 |

Sunflower Growth per Liter of water (cm/L)



Sunflower Growth per Week



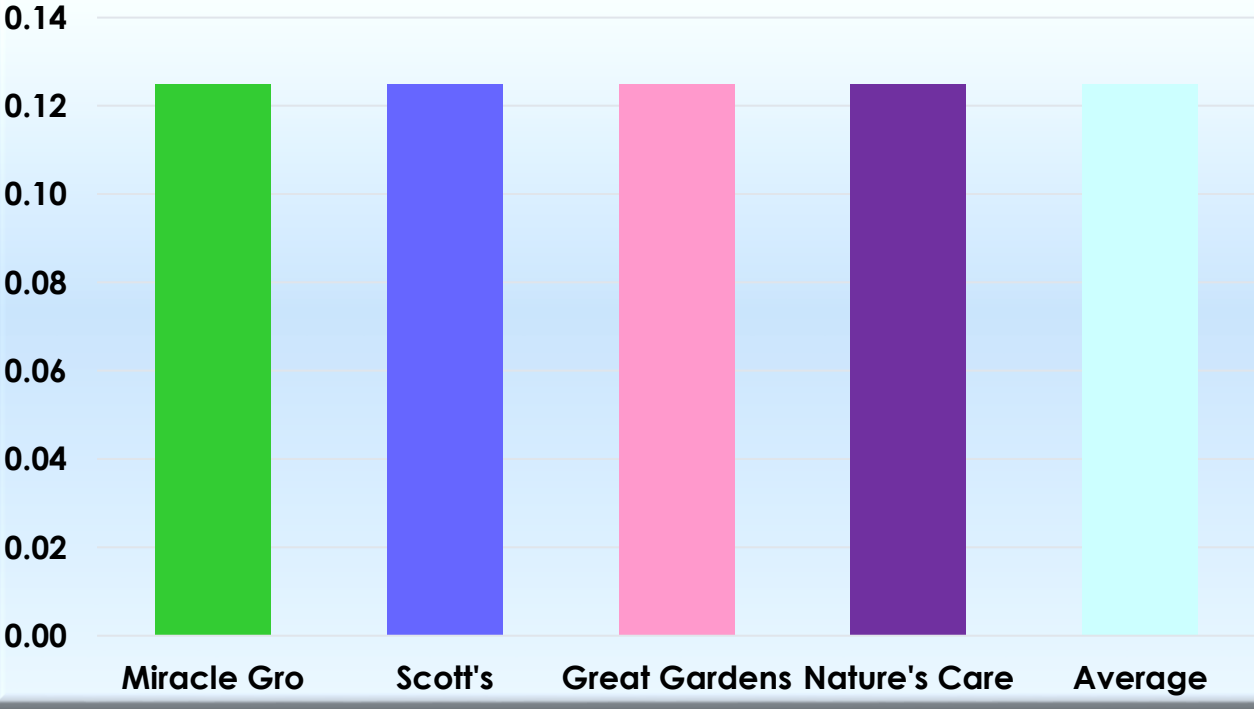


Sunflower Growth: Does Soil Really Matter?

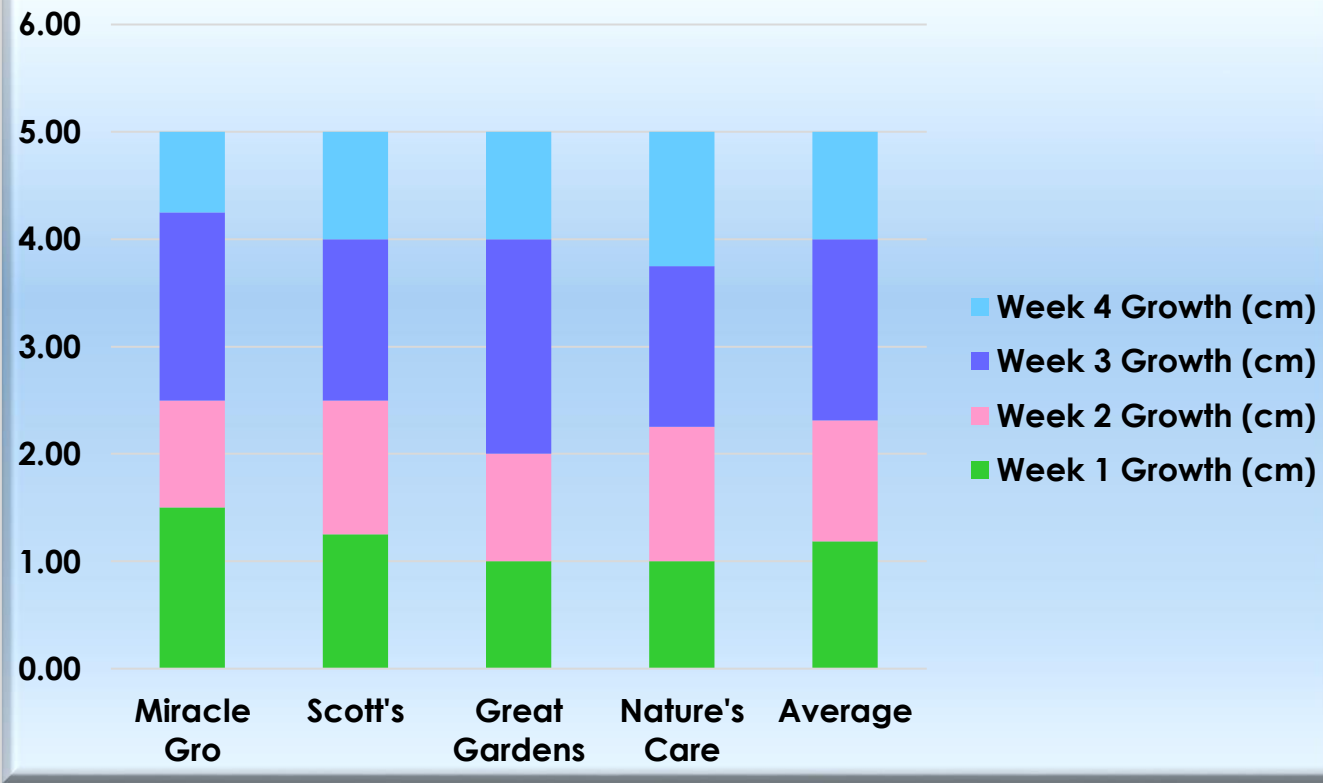
Too Much Water

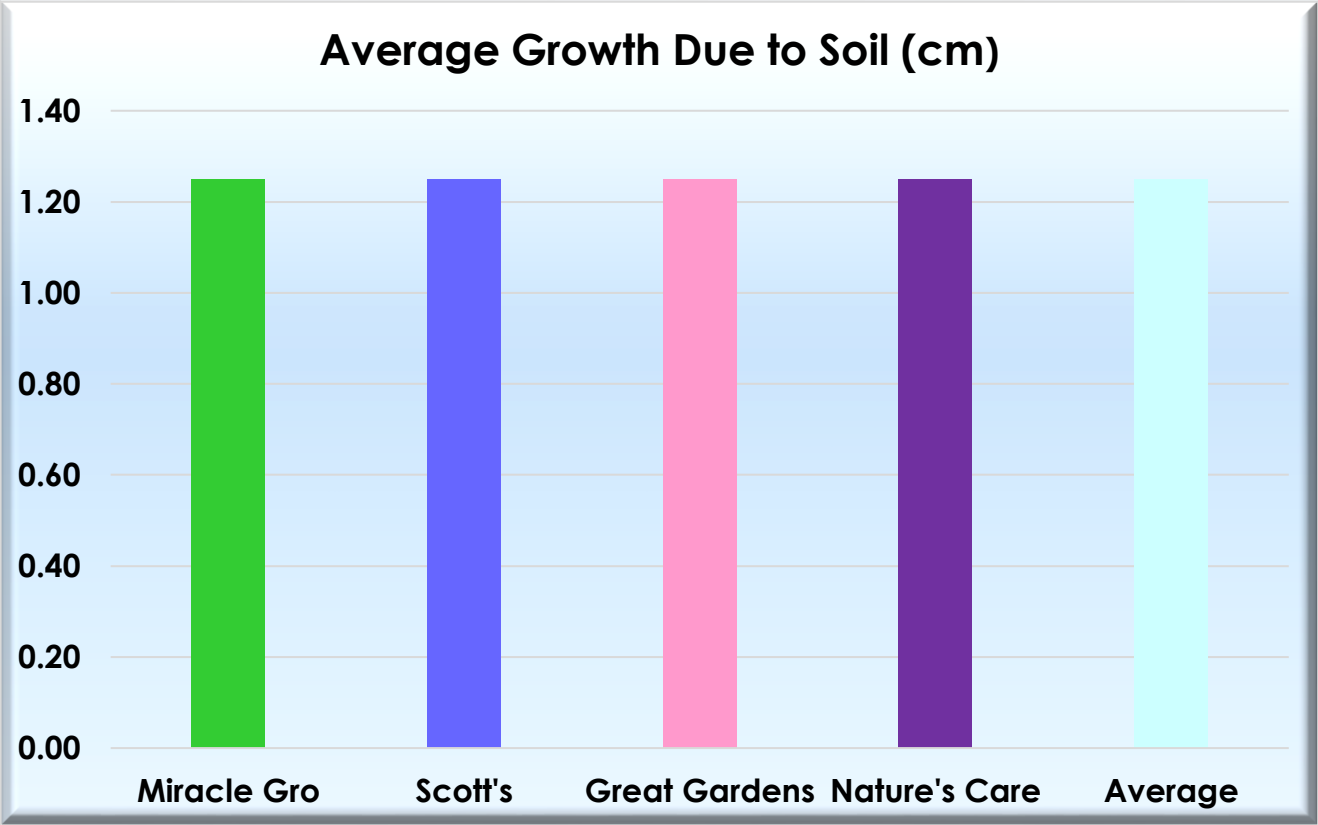
| Soil Brands | Week 1 Growth (cm) | Week 2 Growth (cm) | Week 3 Growth (cm) | Week 4 Growth (cm) | Total Height (cm) | Average Growth Due to Soil (cm) | Total Amount of Water (mL) | Growth/ Liter of water (cm/L) |
|---------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------------------|----------------------------|-------------------------------|
| Miracle Gro | 1.50 | 1.00 | 1.75 | 0.75 | 5.00 | 1.25 | 40.00 | 0.13 |
| Scott's | 1.25 | 1.25 | 1.50 | 1.00 | 5.00 | 1.25 | 40.00 | 0.13 |
| Great Gardens | 1.00 | 1.00 | 2.00 | 1.00 | 5.00 | 1.25 | 40.00 | 0.13 |
| Nature's Care | 1.00 | 1.25 | 1.50 | 1.25 | 5.00 | 1.25 | 40.00 | 0.13 |
| Average | 1.19 | 1.13 | 1.69 | 1.00 | 5.00 | 1.25 | 40.00 | 0.13 |

Sunflower Growth per Liter of water (cm/L)



Sunflower Growth per Week



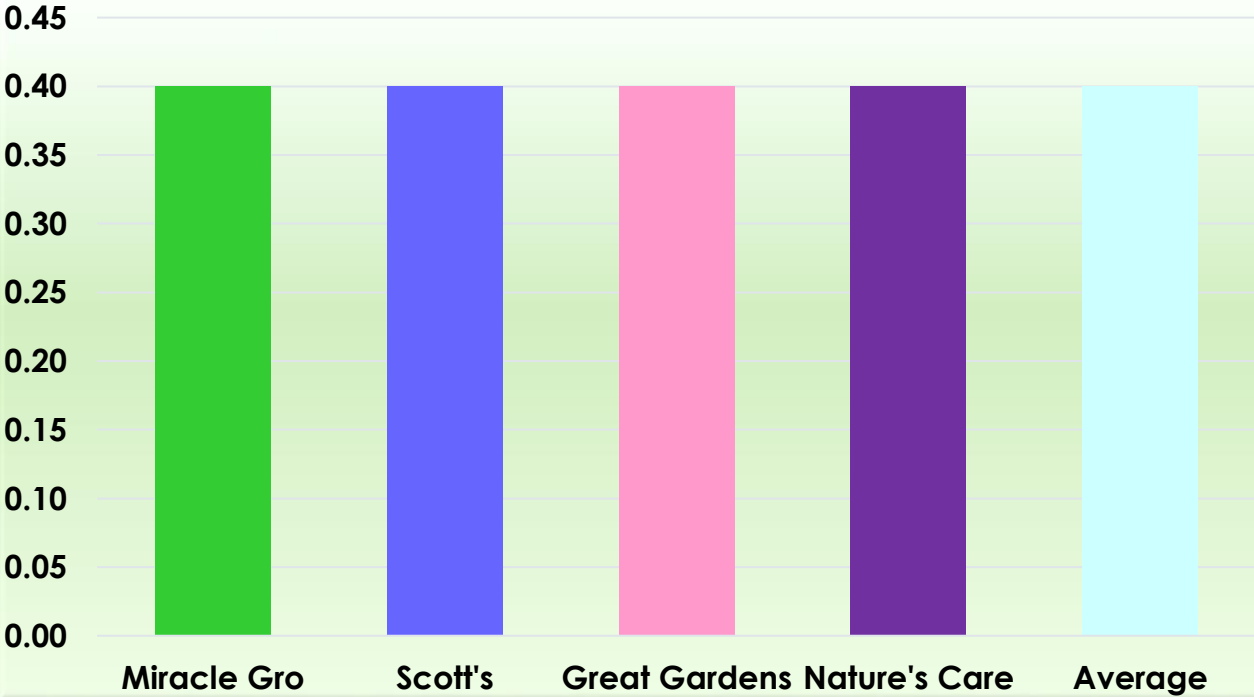


Sunflower Growth: Does Soil Really Matter?

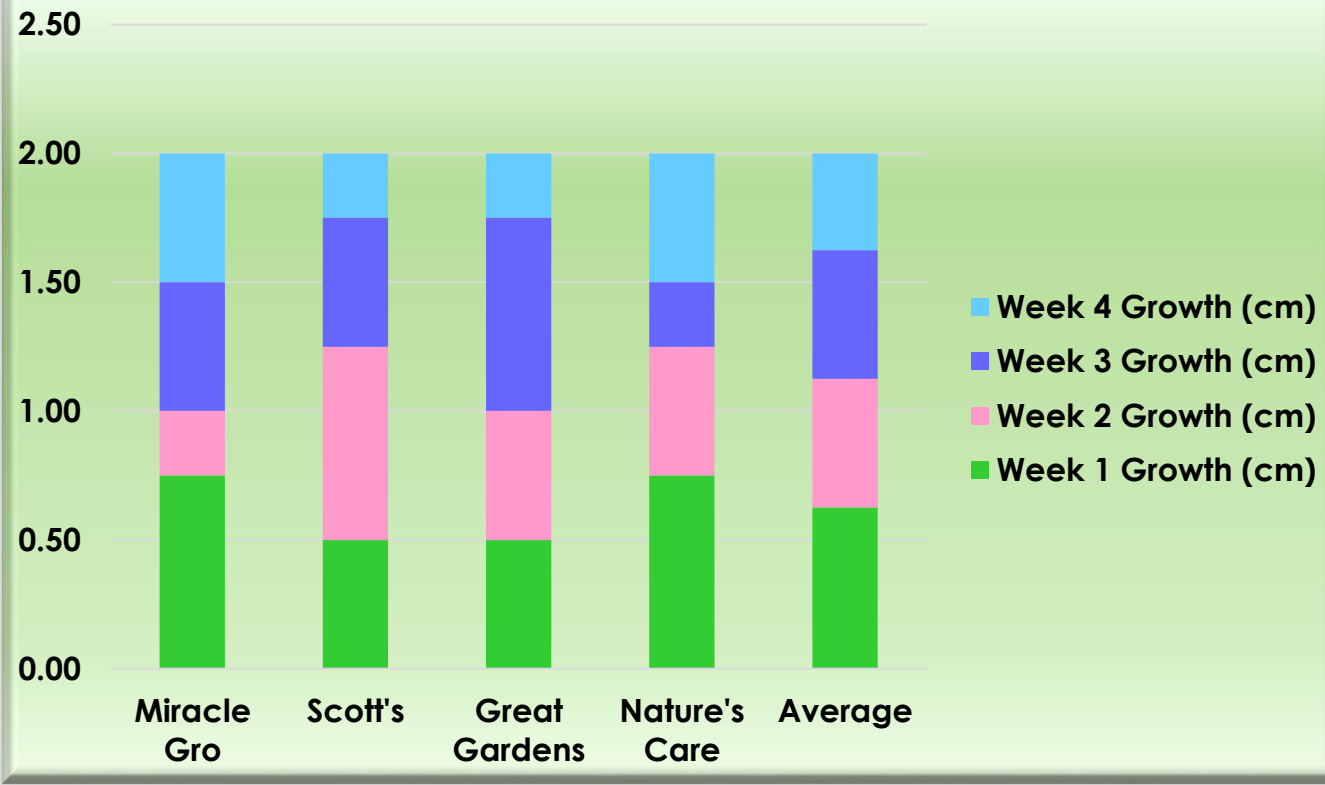
Too Much Water

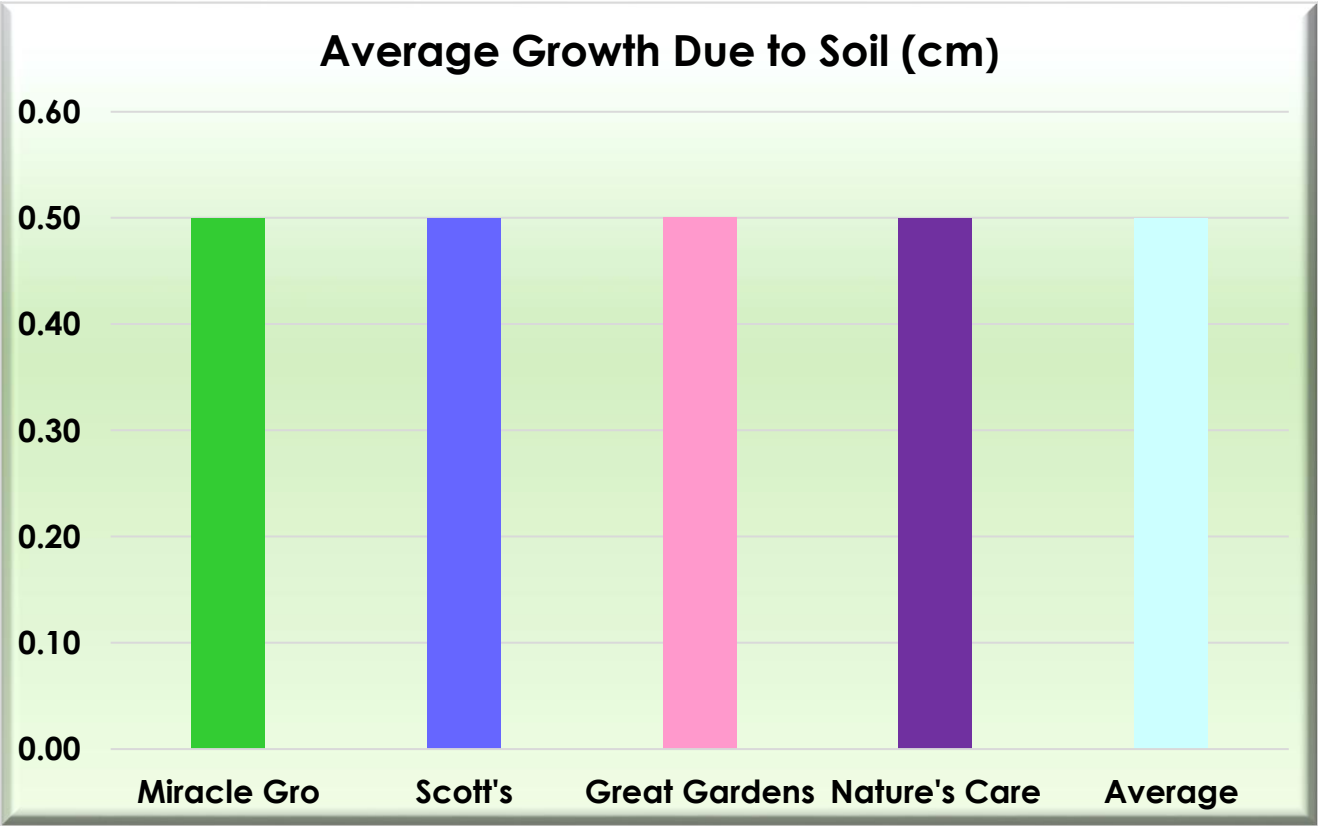
| Soil Brands | Week 1 Growth (cm) | Week 2 Growth (cm) | Week 3 Growth (cm) | Week 4 Growth (cm) | Total Height (cm) | Average Growth Due to Soil (cm) | Total Amount of Water (mL) | Growth/ Liter of water (cm/L) |
|---------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------------------|----------------------------|-------------------------------|
| Miracle Gro | 0.75 | 0.25 | 0.50 | 0.50 | 2.00 | 0.50 | 5.00 | 0.40 |
| Scott's | 0.50 | 0.75 | 0.50 | 0.25 | 2.00 | 0.50 | 5.00 | 0.40 |
| Great Gardens | 0.50 | 0.50 | 0.75 | 0.25 | 2.00 | 0.50 | 5.00 | 0.40 |
| Nature's Care | 0.75 | 0.50 | 0.25 | 0.50 | 2.00 | 0.50 | 5.00 | 0.40 |
| Average | 0.63 | 0.50 | 0.50 | 0.38 | 2.00 | 0.50 | 5.00 | 0.40 |

Sunflower Growth per Liter of water (cm/L)



Sunflower Growth per Week

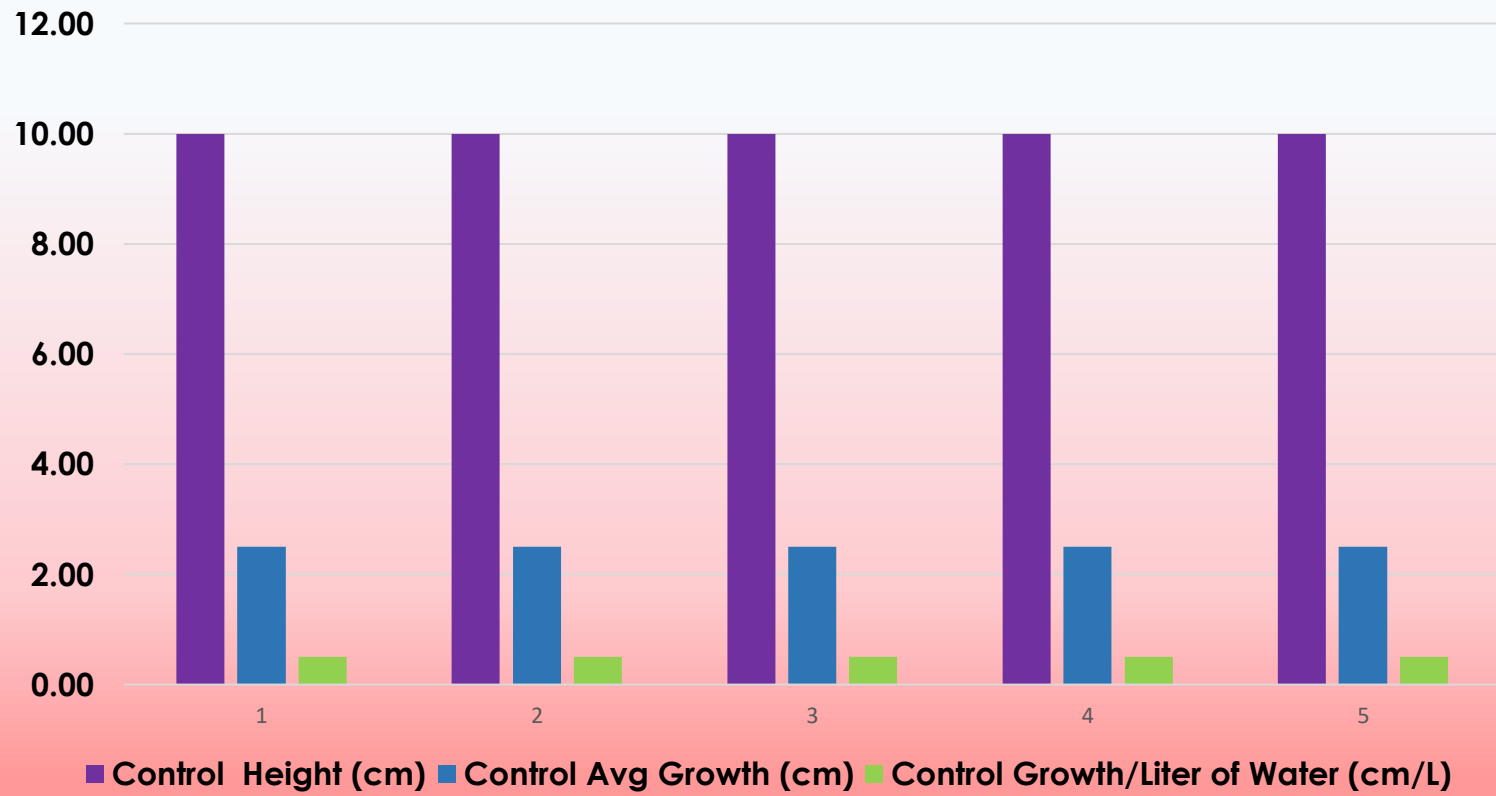




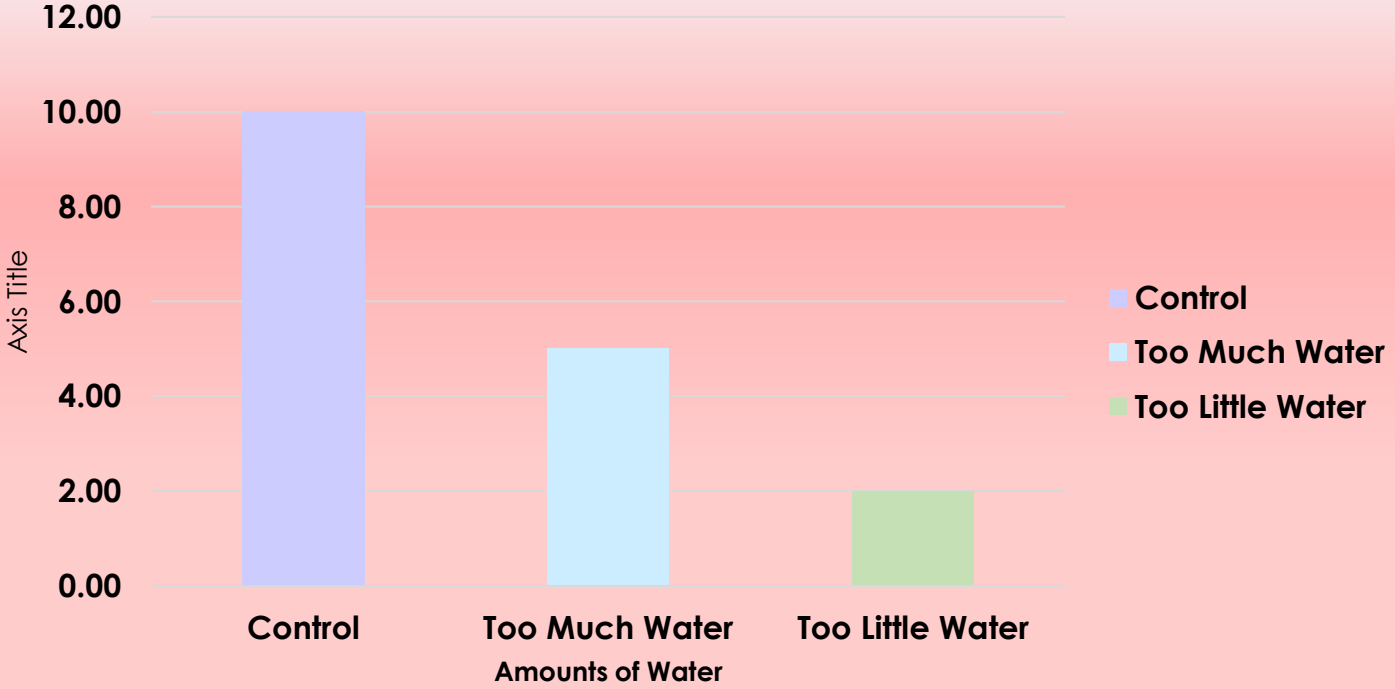
Comparing Soil Types and Amount of Water

| | Control | | | Too Much Water | | | Too Little Water | | | | |
|---------------|-------------|-----------------|------------------------------|----------------|-----------------|------------------------------|------------------|-----------------|------------------------------|--|--|
| Soil Brands | Height (cm) | Avg Growth (cm) | Growth/Liter of Water (cm/L) | Height (cm) | Avg Growth (cm) | Growth/Liter of Water (cm/L) | Height (cm) | Avg Growth (cm) | Growth/Liter of Water (cm/L) | Height Difference (Control-Too Much Water) | Height Difference (Control-Too Little Water) |
| Miracle Gro | 10.00 | 2.50 | 0.50 | 5.00 | 1.25 | 0.13 | 2.00 | 0.50 | 0.40 | 5.00 | 8.00 |
| Scott's | 10.00 | 2.50 | 0.50 | 5.00 | 1.25 | 0.13 | 2.00 | 0.50 | 0.40 | 5.00 | 8.00 |
| Great Gardens | 10.00 | 2.50 | 0.50 | 5.00 | 1.25 | 0.13 | 2.00 | 0.50 | 0.40 | 5.00 | 8.00 |
| Nature's Care | 10.00 | 2.50 | 0.50 | 5.00 | 1.25 | 0.13 | 2.00 | 0.50 | 0.40 | 5.00 | 8.00 |
| Average | 10.00 | 2.50 | 0.50 | 5.00 | 1.25 | 0.13 | 2.00 | 0.50 | 0.40 | 5.00 | 8.00 |

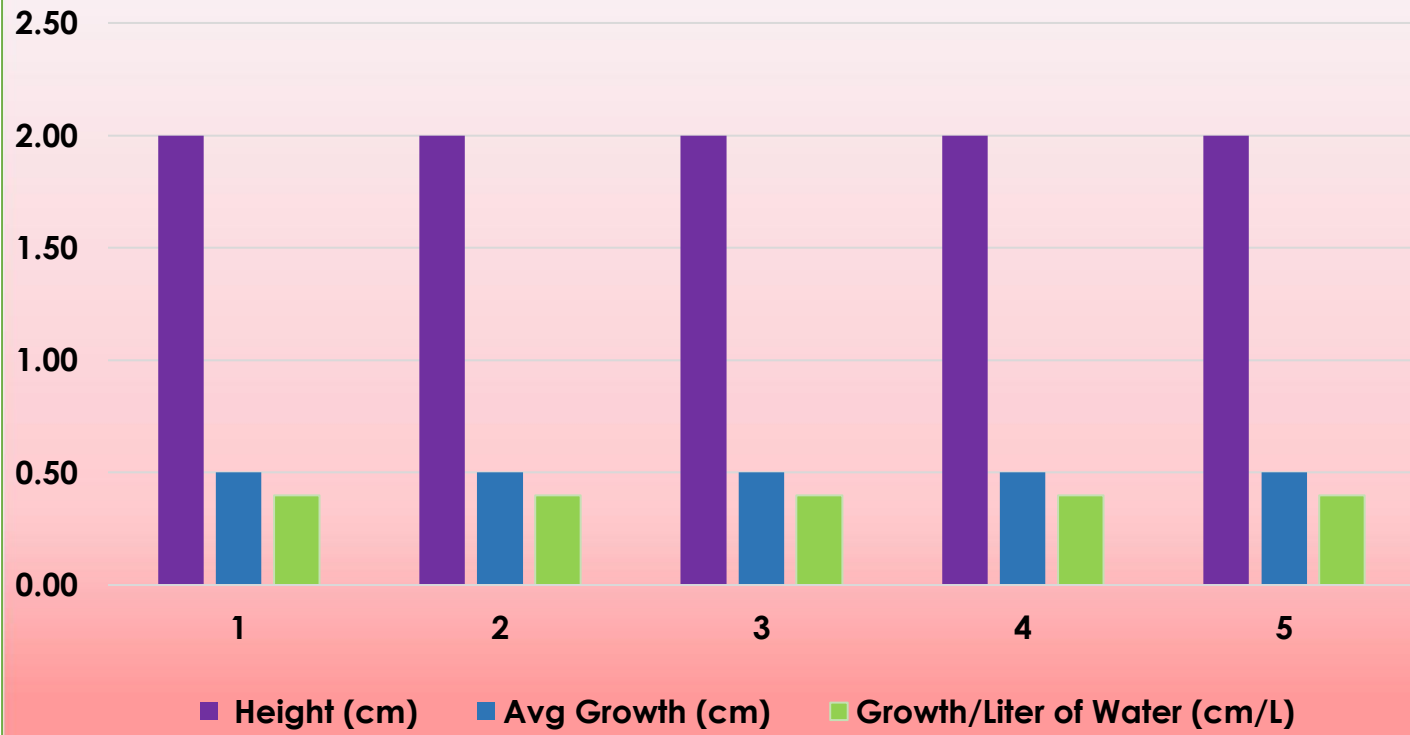
Control



Comparison of Average Height



Too Little Water



Too Much Water

