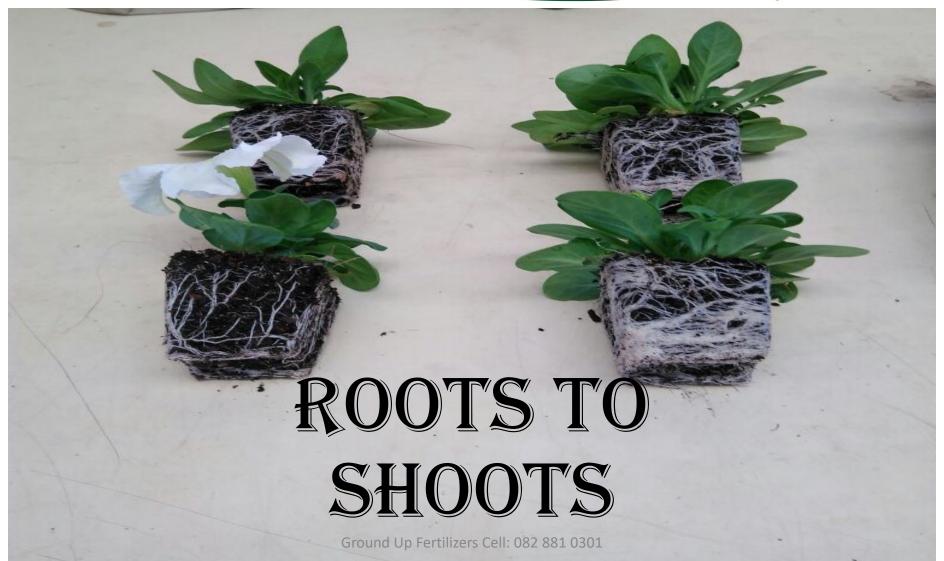
GR30UND UP



Requirements for growth



- 1. Seed
- 2. Medium
- 3. Water
- 4. Climate
- 5. Fertilizer / nutrition

Ground Up Fertilizers
Cell: 082 881 0301



- 1. Seed
- Test varieties.
- Resistance packages
- Variety selection must not only focus on above soil results, roots vigour is critical.



- 2. Medium
- Coir; Peat; Bark; Perlite; Vermiculite
- Air filled porosity
- Water holding capacity
- Know the aging process of your medium
 - 1. pH changes
 - 2. Water retention changes
 - 3. Physical characteristics changing
 - 4. Nutrient composition changes



- 3. Water
- Water quality and pH
- Run off percentages and effect on E.C
- Irrigation Frequencies
 - 1. Effectiveness of root development
 - 2. Spread of roots in pot
 - 3. Type of roots that develop



- 4. Climate
- Heat and Humidity
- Air flow
- Sunlight intensity Additional screens / netting



- 5. Fertilizer / Nutrition
- 1. As nutrients
 - Concentration
 - Ratio's
 - Frequency
- 2. As a management tool
 - What is Active Growth
 - Manage E.C to improve Active Growth
 - Weekly planning of E.C



- 3. As a stimulant
 - Identify what needs to be triggered
 - Elements to use
 - Plant stimulants to use
 - 1. Seaweed
 - 2. Amino Acids
 - 3. Other stimulants??