



“ROOTS TO SHOOTS”



# Horticultural Background of Martin Mabotha

Production Supervisor at Andy Titterton Wholesale Nursery

# Viticulture

It all began with viticulture, I was so interested in wines that I even considered making it my career, it was in 2008 when I knew about viticulture





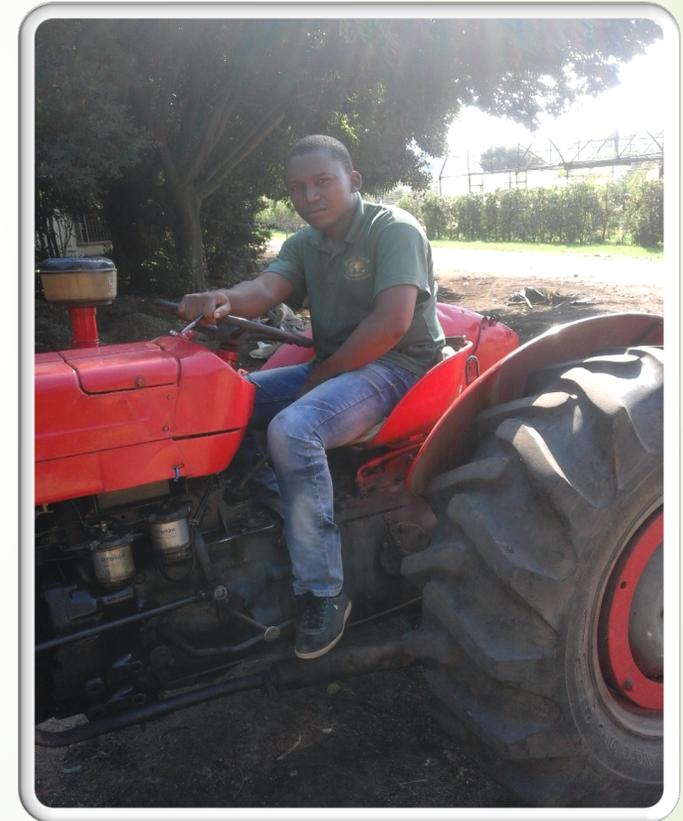
# My WIL at SANBI PNBG

- Learnt about usefulness of indigenous plants.
- Propagation of plant material, using various methods such as Vegetative means by Tip Cuttings, Stem Cuttings, Air layering, Truncheons and Seed Sowing.
- Removing Alien Invasive and other opportunistic weeds.
- Pruning of the mother Stock plant Material.
- Sterilised propagation tools and the Propagation House.
- Exhibitions and display of Indigenous plants at functions held at the PNBG
- Participated in the Gardener Live Helpdesk for Exhibitors

# My Internship At Garden World



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# My Internship At Garden World

- Driver- collection and deliveries
- Garden design, was part of a team that build a garden for the spring festival garden show that was voted best water wise garden by Rand water at Garden word
- Landscape maintenance
- irrigation
- Propagation of plant material, using various methods such as Vegetative means by Tip Cuttings, Stem Cuttings and Seed Sowing.
- Removing Alien Invasive and other opportunistic weeds.
- Pruning of the mother Stock plant Material.
- Clivia show, garden/ Spring festival and Clear water mall promotion

# Andy Titterton Wholesale Nursery



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# Production Supervisor

- Daily supervision
- Take the EC and pH reading on the watering lines
- Monitor Plant growth
- Monitor irrigation, plants water requirements on daily basis
- Test Seedling and pot mix mediums to ensure the chemicals mixed are accurate
- Mix fertilizers in dosatron tanks for fertilizing
- Do monthly general stock take
- Mix pesticides for general spray and monitor the spray team
- Monitor staff with their daily tasks
- Propagation of plant material, using various methods such as Vegetative means by Tip Cuttings, Stem Cuttings and Seed Sowing.

# 23<sup>rd</sup> Annual IPPS Conference



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# Graduation Day

25-03-2020



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# Why should I be selected

- In 2013–14 Australian horticulture (excluding wine grapes) had a gross value of \$8.73 billion (R134,43billion), ranked third behind the meat and grain industries. The major product groups had the following gross value of production in 2013–14:
  - Fruit and nuts: \$3 187 million
  - Vegetables: \$3 510 million
  - Nursery, cut flowers and cultivated turf: \$1 247 million
- According to the Department of Agriculture, Forestry and Fisheries (DAFF), the gross value of agricultural production was an estimated R247bn in 2016, with horticulture contributing 28.5% to this total. Horticultural production was 11.9 million tons, with a gross value of R70.4bn for the marketing season ended June 2016.



# Why should I be selected

- ▶ A move abroad will be a dream come true. My objective is to gather as much information from different regions so I can improve and enhance our propagation techniques and plant care. Plants are our future, they've always been and we need them now more than ever, conserving plants mostly the endangered species is very essential, I would like to learn more about how to succeed in propagating rare plants to make sure that they don't extinct.
- ▶ I have the ability to merge our way of operating with how other regions operate to produce end product of sustainable plant propagation that will result in cost effective and bring positive results to our Horticulture industry.

**Being selected will be a dream come true!**



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THANK YOU

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