

# IPPS Conference

PRESENTER : SIYASANGA HLAKWENI

SHADOWLANDS WHOLESALE NURSERY

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**SHADOWLANDS**  
WHOLESALE NURSERY



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# Background

- MY NAME IS SIYASANGA HLAKWENI BORN AND RAISED IN A VILLAGE CALLED GXULU IN MTHATHA IN THE EASTERN CAPE.
  - 2016-2019 I WAS ENROLLED AT CPUT TO STUDY ND HORTICULTURE.
  - 2017 INSERVICE TRAINING AT SERVEST LANDSCAPING.
  - 2019 INSERVICE TRAINING AT STARK AYRES.
  - 2022 OCTOBER STARTED SHADOWLANDS WHOLESALE NURSERY.
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# Academic and practical experience

Propagation types:

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Asexual Propagation:



A. *Felicia echinata* Blue



B. *Osteospermum* Ricky



C. *Lampranthus* sunshine yellow



D. *Carpobrotus murri*

# Academic and practical experience

## Sexual Propagation:



A. Seed sowing



B. Parsley in 6pack trays



C. Chives in 12cm pots

# Propagation structures



A. Propagation greenhouse (The Mall)



B. Inside view

# Propagation structure

Hardening-off



A. Hardening-off tunnel



B. Inside view

# Propagation structure



A. Propagation Greenhouse



B. Inside view of Greenhouse



# Fertigation



A. Reservoirs & Red Sand Filters

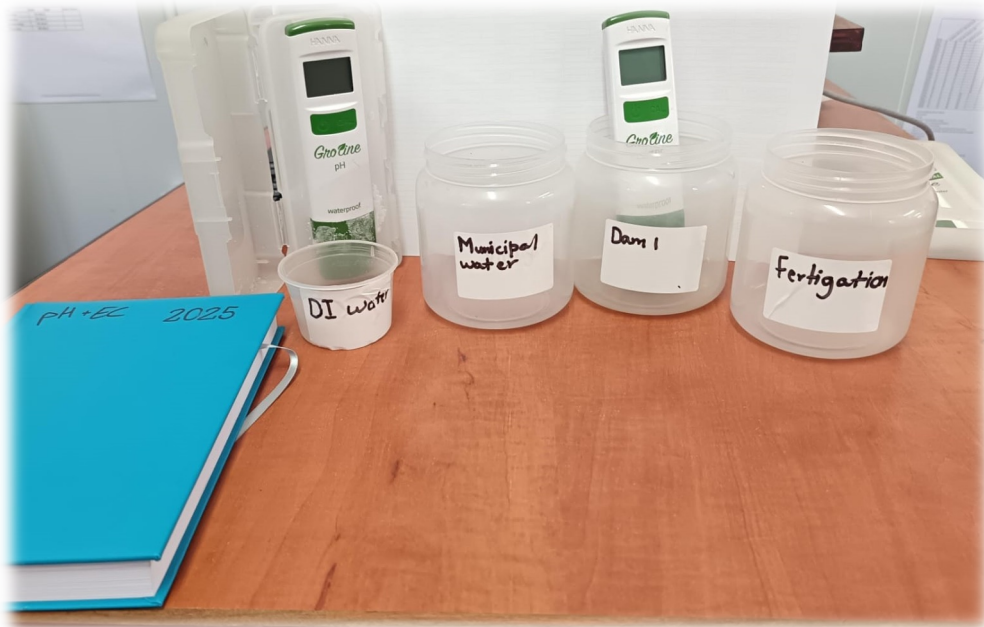


B. Fertiliser tanks A&B

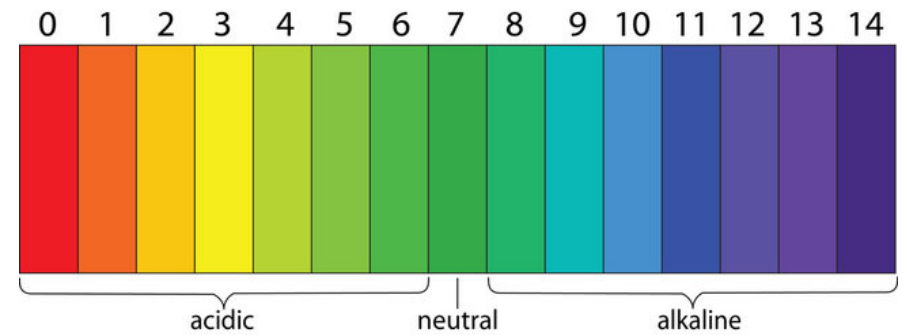


C. Pump station

# pH and EC testing



## The pH scale



A. pH and EC testing tools

# Control of pest and diseases

Wk 51 24(17.20Dec)				
Pest	Crop	Location	Chemical	Application rate per 10 lit water
1 Preventative	All herbs (incl cut terrain)	GH/1/FT5	Neem	100ml
Preventative	All 30cm mixed pots/baskets	A4/FT2/GH/A7		
Hopper	All Rosemary incl mother stock	TS3/2/83/Gardens		
Preventative	All Echeverria 15cm	FT4/TS6&10	of 75ml/15lit	
Preventative	All Strawberries	B1/A7		
Preventative	All Fuchsia	GH/Shadenet		
Preventative	All Mint	GH/151/Cul/MS		
Preventative	All Mistersack	Carpark Shadenet		
Monday	Done by:		Date:	
Thursday	Done by:		Date:	
2 Fungus	All Mint	GH/B1/Cul/MS	Coppersoap	100ml
Prev	All 30cm mixed pots/Baskets	A4/FT2/GH/A7		
Prev	All Strawberries	B1/A7		
Prev	Asteribium	B1		
Prev	Zinnia	B1		
Prev	Basil Sweet	GH/R1		
Tuesday	Done by:		Date:	
Friday	Done by:		Date:	
Blister	All Veggies/Carpobrotus	FT6/MS B1,B2/B3/TS8	Kickback	27g
Blister	Delosperma/Jordanella	between tunnels		
Blister	Oenanthemum	FT4/Gardens/Driveway		
Blister	Lampranthus pots	TS10		
	Done by:		Date:	
3 Rust	Aloe vera	TS10/B4/FT6/FT4	Bumper	2ml
Rust	Asteribium	B1		
Rust	Zinnia	B1		
Mildew	All Aquilegia	GH/SH		
	Done by:		Date:	
4 Mildew	All Begonia 6p / H9	FT3/FT4/GH	Ridomil Gold	30 ml
	All impatiens 6p	FT2/FT3/FT4	FLO +	
			Batic N	15ml
	Ridomil 45ml/15lit en Basic N 22.5ml			
	Done by:		Date:	
5 Botrytis	All plugs bought from Ball/Prime	GH	Ridomil Gold Flo	30ml
Botrytis	All Sunpatiens & Impatiens Glimmer	GH		
Botrytis	All Petunia/Calceolcha	A2/3/5/FT2		
Botrytis	Whole Bay 4 and 5	GH		
	DON'T use Mistblower			
	Done by:		Date:	
6 Aphids	All Petunia and Calceolcha	A2/3/4/5/GH/A7	Neem	100ml
Aphids	Plectranthus Mona Lavender	GH		
Aphids	Dipladenia	TS & FT	Dursban	10ml
Australian Bug	Euphorbia Diamond Frost & Star	GH/FT7		

A. Spraying list



B. Pest and disease management

# Contribution to IPPS program

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- Sharing plant knowledge globally.

# Additional fields of interest



A. Greenpop organization at Philippi village



B. Snake Training

# Acknowledgement

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I would like to thank :

1. Mrs. Gaye Thorpe and Shadowlands staff
2. Cape Peninsula University of Technology
3. Starke Ayres and Servest landscaping.
4. Shutterstock
5. IPPS organization and representatives.

# Conclusion

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In conclusion, the IPPS exchange program in Australia offers a remarkable opportunity to deepen my plant knowledge and gain hands-on experience in diverse horticultural environments.

Engaging myself in Australia's innovative horticulture practices will not only expand my professional expertise but also equip me to contribute meaningfully to plant care, production, and the global horticulture community.

I am eager to apply and share the valuable insights and skills gained, fostering growth in my home country's horticultural industry.



**THANK YOU!**

