

Callie van der Linde Standerton

CA Workshop

Pretoria

CA in practice- Lessons from experience

Where did it all start?

- Joseph Swanepoel – Koedoeskop
- Toxic of farmchemicals – 1997
- No-Till – Setlars – tutuka – Heavy soils - 2001
- Joe Schlapman – Germany - 2005
- No hard chemicals – total government control of farm chemicals.
- Falker , Frankfurt– imports non GM`s, Botswana
- Eye opener of perceptions – what are we doing?
- How green is my footprint?

What is CA?

- To preserve in agriculture / humans
- No-Till practices with less erosion (dams)
- No-Till practices with less contaminated water
- Bio-farming practices with no insecticides
- Bio-farming practices with no fungicides
- Bio-farming practices with less fertilizers
- Farming practices with no Glyphosate?
- Farming practices with no GM crops?

Where do you get your info?

- Farmers that walk the talk
- Google – IT
- Farmers days – No-Till club – maize trust
- Conferences – No-Till club of KZN
- Acres USA
- Successful farming magazine
- Local relevance – international competitiveness of Maize producers

Lessons from experience

- Wrong advice from chemical agent
- Compaction
- Soil borne diseases
- Nematodes and cover crops
- Cover crops and rainfall
- Cover crops and green manure- green Carbon
- Brown carbon
- Lime and gypsum

Soil borne diseases treatment

- Trichoderma Harzianum
- Basillis Laterosporis
- GlioTermo™
- Plough only with good reason - lime
- Burn the last resort if you feel totally lost and like to stay that way

Eike Boerdery fertilizer

- 4 cubic meter per ha compost
- 340kg/ha 5:3:4 (21)Zn irrigation
- 250kg/ha ANO (21) irrigation
- Ca:Mg 7:1
- Ph 6,4
- C 3 to 4
- Nitro-Express-P™
- Elevator™

Bio-Spray program Soybeans

- SupremeSoya™ 300ml/ha
- GlioTermo™ 300 ml/ha
- WormSafe™ 200ml/ha
- NitroExpress – P – K 500ml/ha

Bio Spray program Maize

- GlioTermo™ 300 ml/ha
- WormSafe™ 200 ml/ha
- NitroExpress™ – P - K

Crop rotation

- Maize
- Soybeans
- Oats
- Wheat
- Sorghum
- Sunflower

Proof is in the wildlife/ crops

- More earthworms
- More beneficial insects
- More bird life
- Clean water in dams
- Healthy crops
- Good yield

Future research

- The effect of GM crops on humans
- The effect of Glyphosate on soils
- Micro-nutrient analyses of soil and leaf analyses
- Correct application of Micro-nutrients
- Cover crops – does and do nots
- Nematodes

CD van der Linde recommended sites

- www.eikeboerdery.co.za
- www.bio-engineering.co.za
- www.notillclub.co.za
- www.ubhibhiguestfarm.co.za
- 0826524694
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Nature belongs to all of us

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