



# SUCCESSING IN AFRICA

## UNLOCKING AGRIBUSINESS GROWTH AND OPPORTUNITIES

**Nkosi' Mcineka**



**Amaphisi Farmers**  
We feed the Nation



# FOOD SECURITY ISSUES IN THE WORLD

- Protection of prime agricultural land (UN)
- Bridging the gap within farming communities
- High agricultural input costs
- Transport costs (fuel)
- Lack of drought resistant seeds
- Food wastage – 1.3 billion tons (CNN)
- Costs of goods packaging - \$700 billion (FAO)
- Production before Agro-processing
- High food prices
- Possible change of diet
- Lack of media coverage (Food Network types)

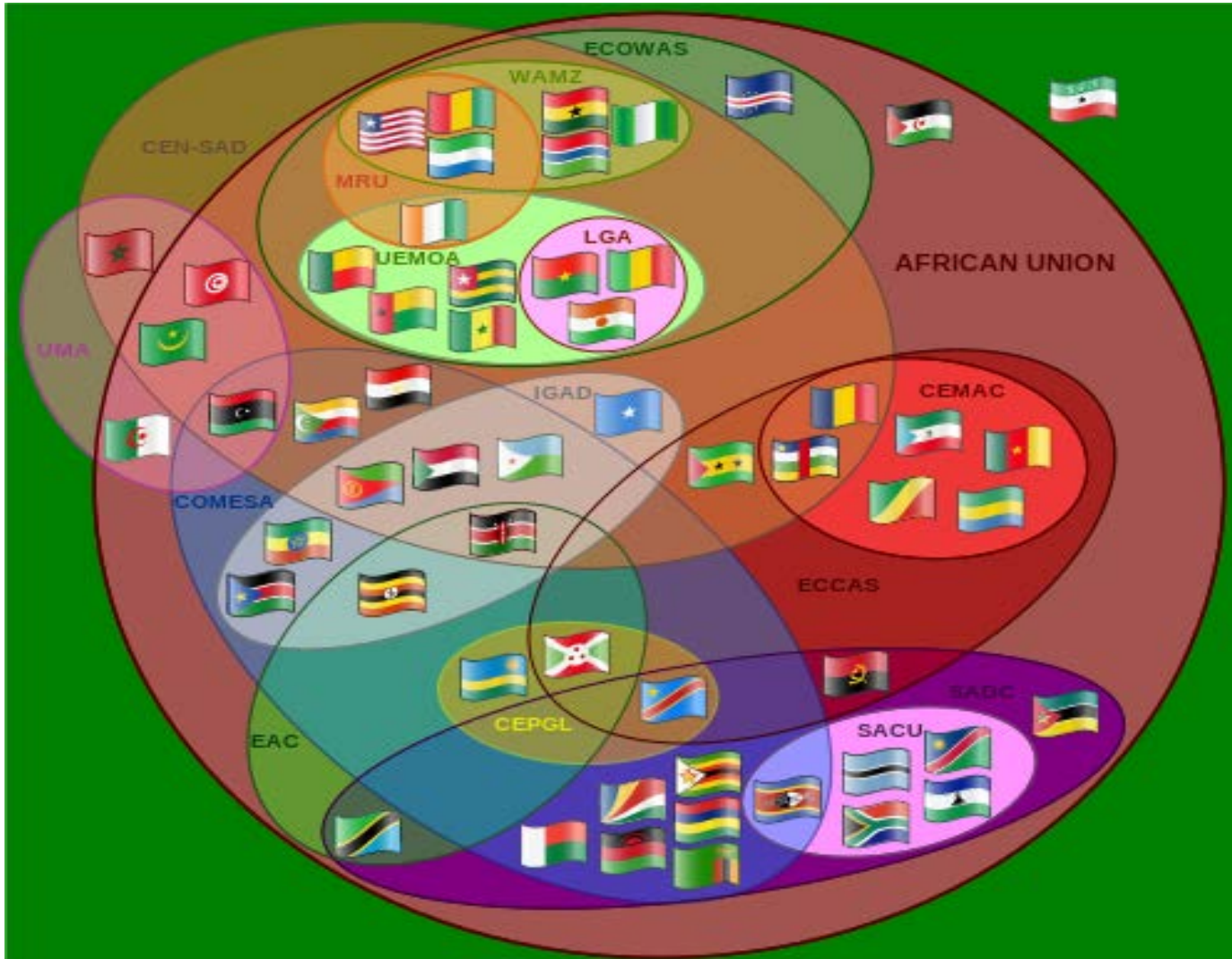


# WHY INVEST IN AFRICA

- 60% of arable land is not cultivated
- Availability of labour and farming skills
- Support(Gov, AU, CAADAP, GrowAfrica, SAGCOT)
- Political stability
- Food security industry -> \$3 trillion by 2030
- Diversity (multi-cultured societies)
- Half of population is under 30 years old
- Fast growing middle class
- Healthy living attitude
- Fast growing use of technologies
- 30 countries have direct access to oceans



# INTER-AFRICA SUPPORT STRUCTURES



**Africa Main Climate Zones**



# Size of Africa

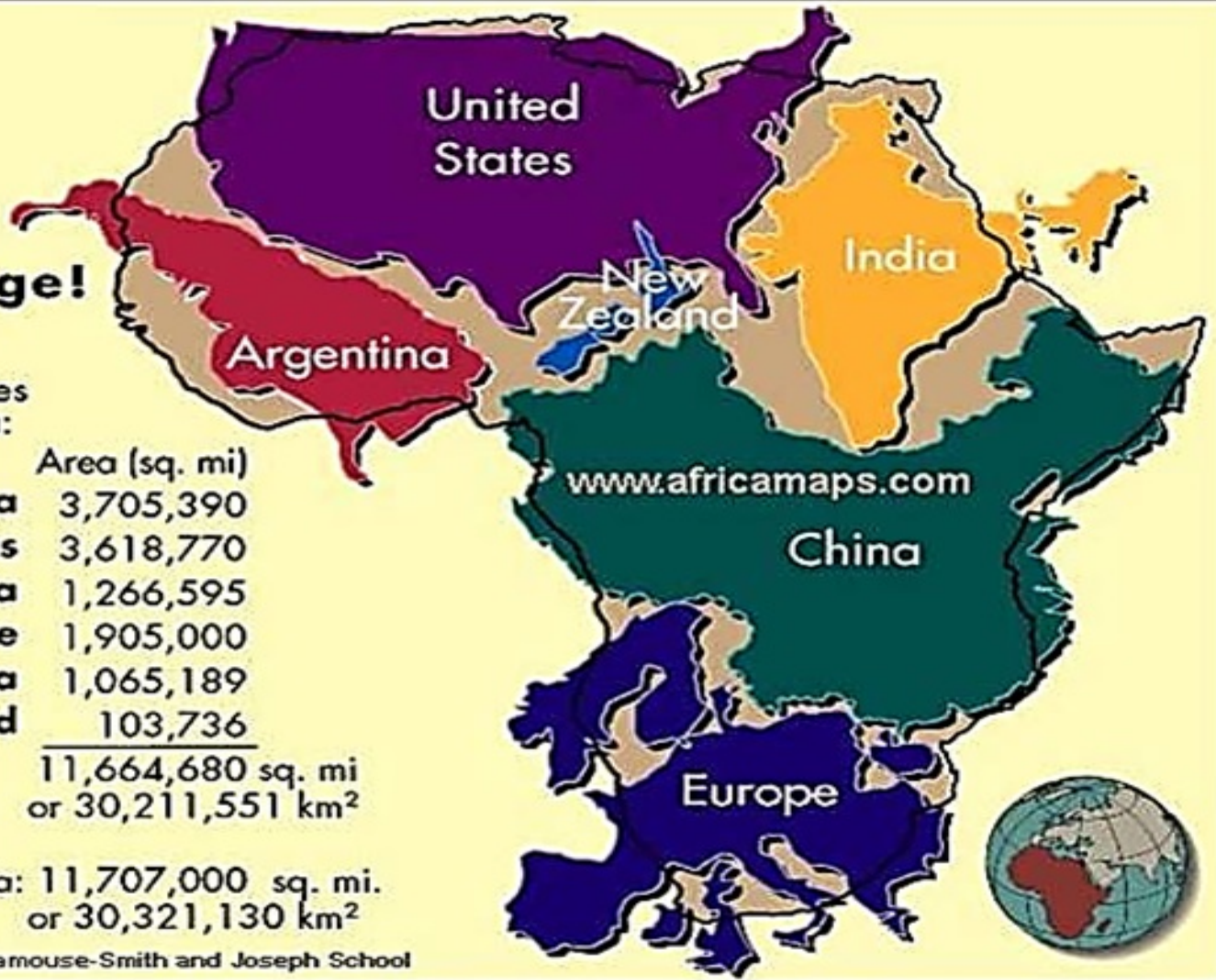
## Africa is Huge!

The following countries could fit within Africa:

	Area (sq. mi)
<b>China</b>	3,705,390
<b>United States</b>	3,618,770
<b>India</b>	1,266,595
<b>Europe</b>	1,905,000
<b>Argentina</b>	1,065,189
<b>New Zealand</b>	103,736
	<hr/>
	11,664,680 sq. mi or 30,211,551 km <sup>2</sup>

Africa's area: 11,707,000 sq. mi.  
or 30,321,130 km<sup>2</sup>

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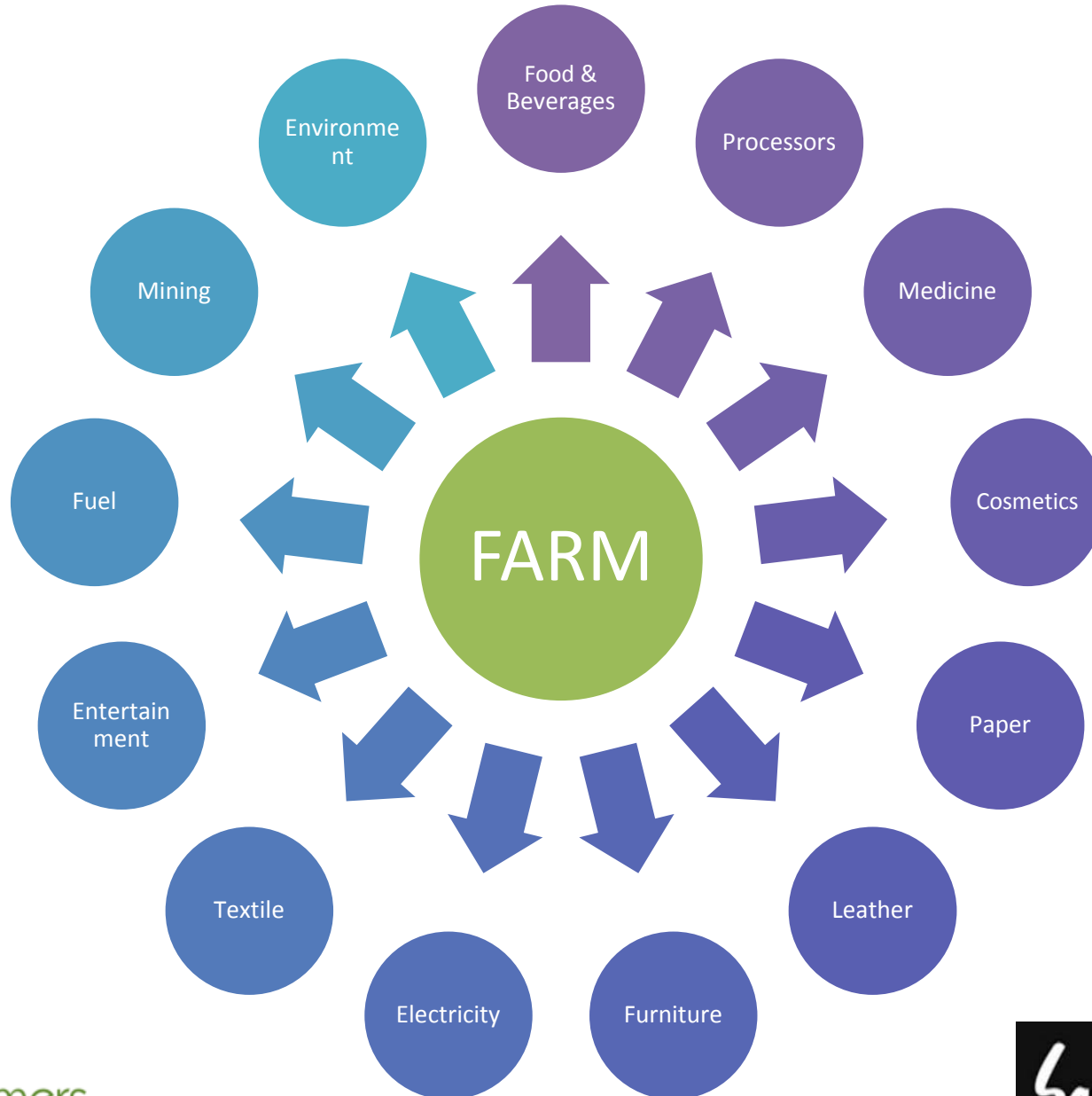


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# DESTINATION OF FARM PRODUCE



# AMAPHISI AFRICAN PLATE 1:3:6

- **Program Focuses on Emerging Farmers**
  - 10% - Feed your house hold (vegetables)
  - 30% - Cash crop (vegetables + Herbs)
  - 60% - Main crop (guar beans/timber/cane)
- **Production and project management**
- **Leasing of community/state farm land**
- **Market access**
- **Facilitate partnership in ‘Support industries’**

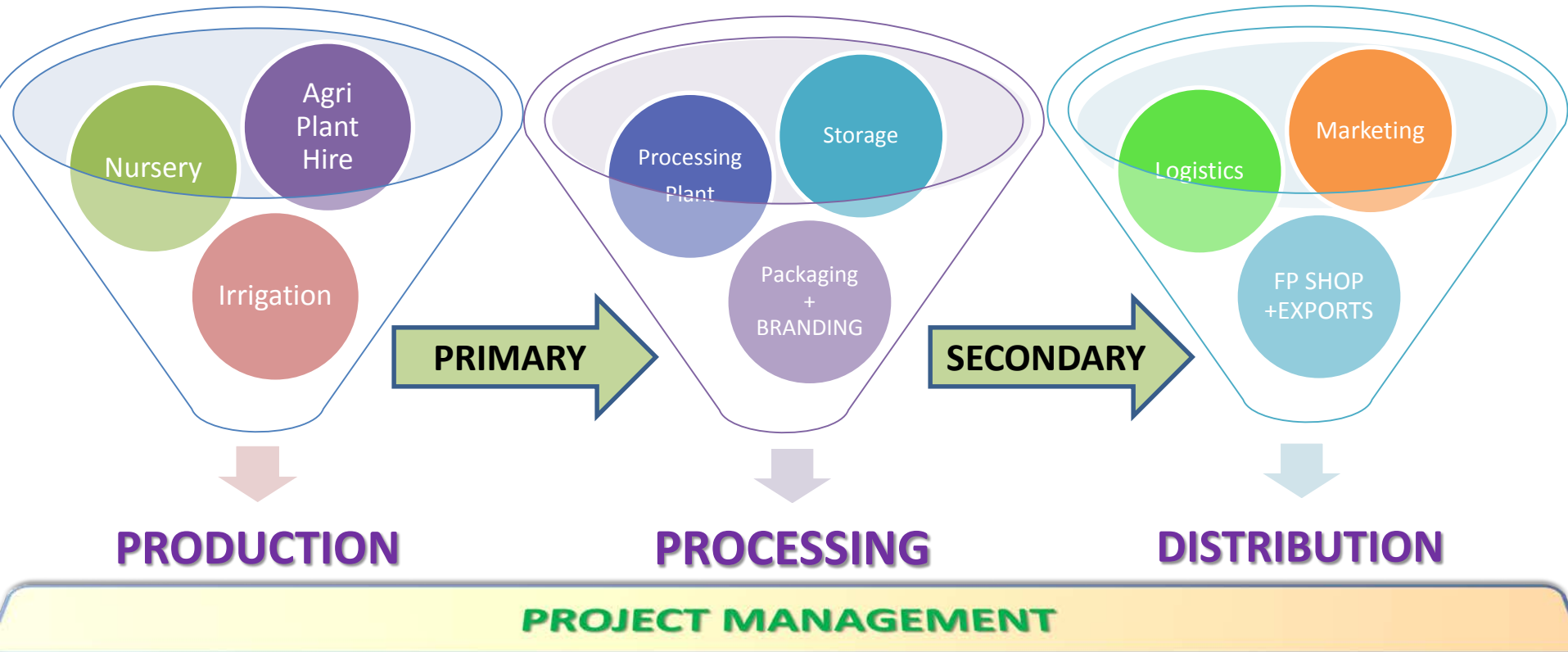


# PRIMARY FOOD PRODUCTION CYCLE





# APPROACH TO INVESTMENT





*Sage*



*Red Basil*



*Common Thyme*



*Rosemary*



*Lavender*



*Bay leaves*



*Mint*



*Calendula*

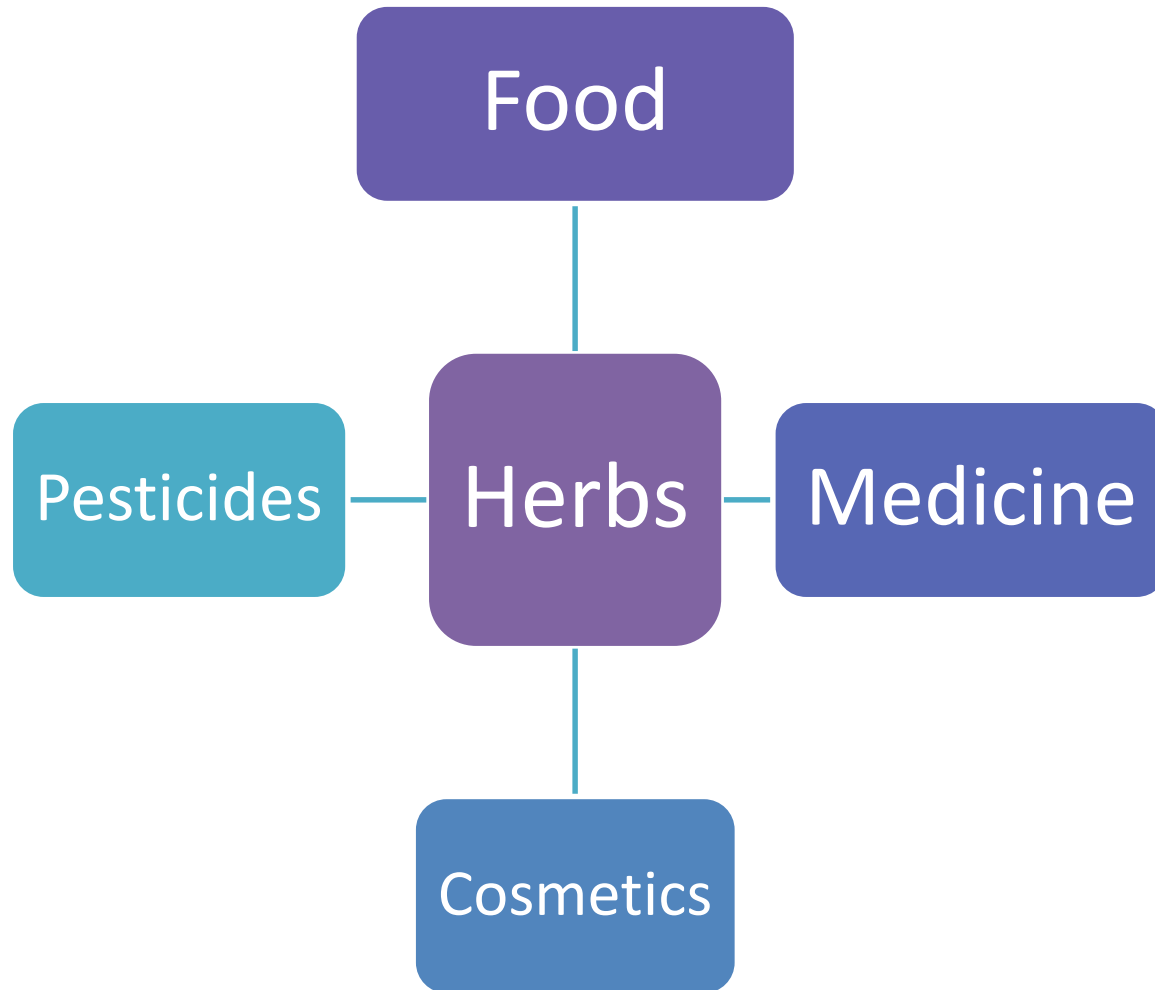


*Italian Parsley*

# HERB PROFILES

<b>SEEDLINGS</b>	<b>SEASON</b>	<b>GROWTH PERIOD</b>	<b>LIFE SPAN</b>	<b>CROPS TO PLANT WITH</b>	<b>REPELLANT FOR</b>
<b>Rosemary</b>	Sunny	<b>6 months</b>	<b>8 years</b>	Sage, cabbage, carrots	Mosquitoes, slugs, snails, Cabbage maggot/moth
<b>Thyme</b>	Cool	<b>6 months</b>	<b>8 years</b>	All herbs, eggplant	Cabbage maggot
<b>Sage</b>	Sunny	<b>6 months</b>	<b>8 years</b>	Cabbage, carrots, tomatoes, beans, rosemary	Cabbage moth and worm
<b>Marjoram</b>	Sunny	<b>6 months</b>	<b>8 years</b>	Peppers, sage,	<b>ATTRACTS : bees &amp; butterflies</b>
<b>Oregano</b>	Sunny	<b>6 months</b>	<b>8 years</b>	Broccoli, peppers, cucumber	<b>Cucumber beetle, squash bug</b>
<b>Mint</b>	Sunny	<b>6 months</b>	<b>8 years</b>	Cabbage, cauliflower, tomatoes	Ants, cabbage maggots/moth
<b>Lemon grass</b>	Sunny	<b>6 months</b>	<b>8 years</b>		<b>Insects, (insect spray)</b>
<b>Basil</b>	Sunny	<b>2 weeks</b>	<b>2 years</b>	Beans, cabbage, peppers, tomatoes	Tomato hornworms, Mites, Flies, Beetles
<b>Parsley</b>	Sunny	<b>2 weeks</b>	<b>2 years</b>	Tomatoes, onions, chives, garlic	Asparagus beetle
<b>Chives</b>	Cool	<b>2 weeks</b>	<b>6 years</b>	Carrots, parsley, strawberries,	<b>mites, aphids</b>
<b>Coriander</b>	Sunny	<b>2 weeks</b>	<b>2 months</b>	11 Potatoes	Aphids, carrot rust fly, potato

# INVESTMENT OPPORTUNITIES (HERBS)





**Broccoli**



**Peppers**



**Asparagus**



**Garlic**



**Wild rockets**



**Chili**



**Patty pans**



**Spring onions**



**Leek**



**Turnips**



**Cauliflower**

**Mustard leaf**



**Brinjal**



**Courgette**



**Radish**

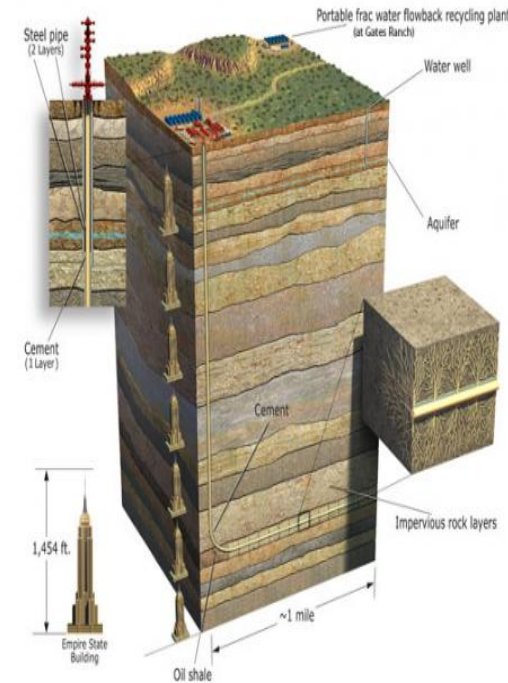
# INVESTMENT OPPORTUNITIES (CORE)

- *Herbs for health industry*
- *Guar beans for Oil, Gas and Mining industry*
- *Groundnuts (peanut butter, cooking oil)*
- *Sweet potatoes (chips and baby foods)*
- **Fruit farming**
- **Game farming (venison)**
- **Fish farming**
- **Goat farming**
- **Essential oils**

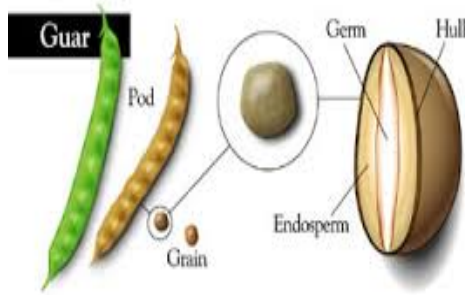


# INVESTMENT OPPORTUNITIES (GUAR)

- Beans with proteins and gum
- Semi-arid 3 months-crop
- Hydrocolloid (turns into gel in water)
- Applications of gum (powder)
  - Food industry (thickening agent)
  - Mining (reagent in ore processing)
  - Oil and gas drilling (hydraulic fracturing)-\$9000/t
- Applications for proteins
  - Feedlot, fish pellets, pet foods
  - Food industry



# END-TO-END PRODUCTION



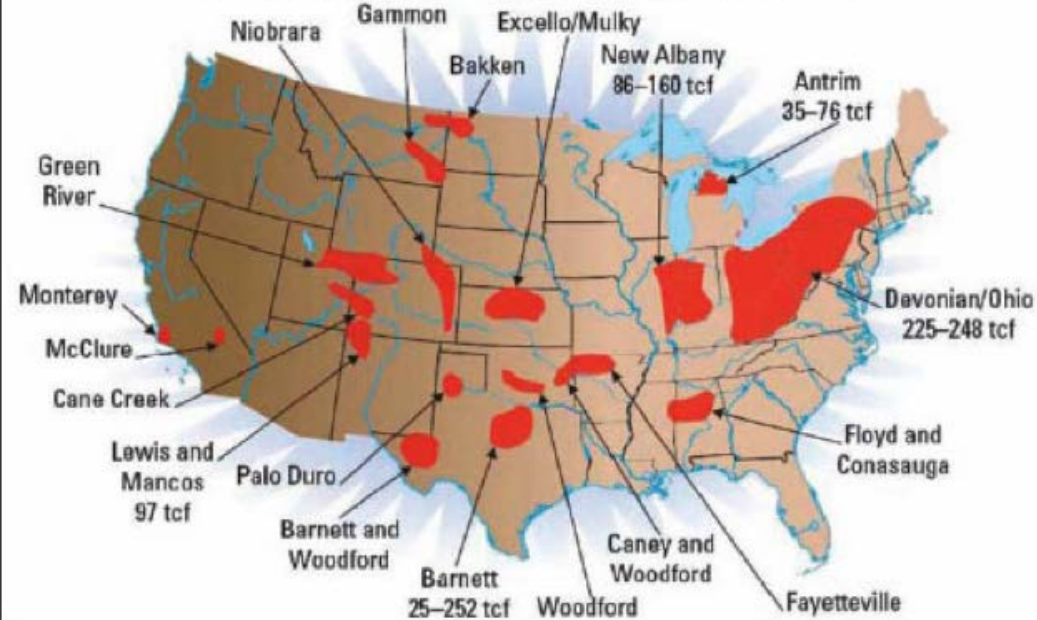
Guar - different forms from seed to powder





# OIL & SHALE GAS MARKET

## Gas Shale Basins of the United States



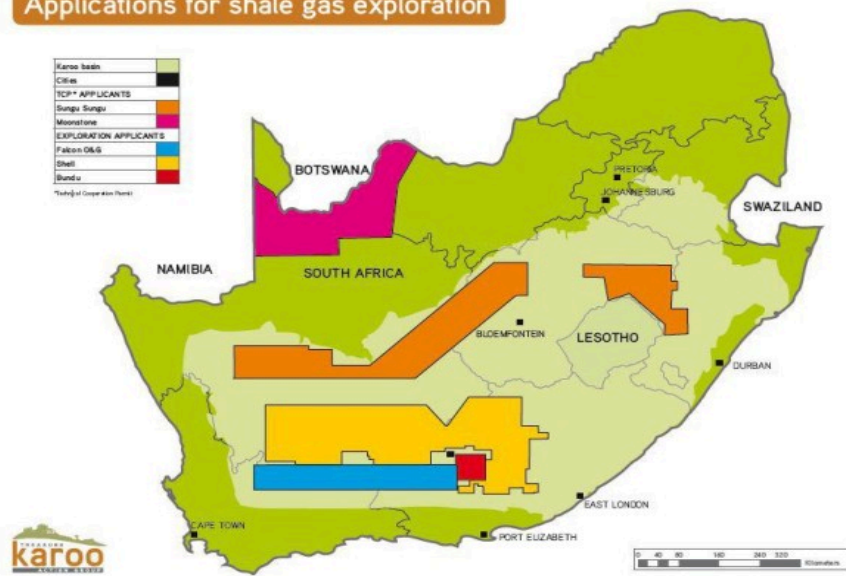
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## Applications for shale gas exploration

Karoo basin	Green
Cities	Black
TOP APPLICANTS	White
Sungu Sungu	Orange
Moonstone	Pink
EXPLORATION APPLICANTS	Light Green
Falcon OGS	Blue
Shell	Yellow
Bund u	Red

\*Rank of Cooperation Partner



**THANK YOU**

**Nkosi' Mcinaka**

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