



Global production of maize - 2023		
Source: FAO 2025		
Country	Percentage	Tonnes
USA	38,91%	389694460
China	28,84%	288842300
Brazil	13,17%	131950246
Argentina	4,13%	41409448
India	3,8%	38085256
Ukraine	3,1%	31030440
Mexico	2,75%	27549917
Indonesia	1,66%	19985653
Russia	1,64%	16600000
South Africa	1,64%	16430000

Value chain characteristics

Consumption volume

- Commercial 62%
- Subsistence 38%
- Domestic consumption:
 - 42% animal feed
 - 33% private households
 - 25% industrial processing

Producer's size

- Small production: < 2 ha (90% of producers)
- Medium production: 2-8 ha (7% of producers)
- Large production: >8 ha – 3% producers
- Commercial farms are generally mechanized

Destination Markets

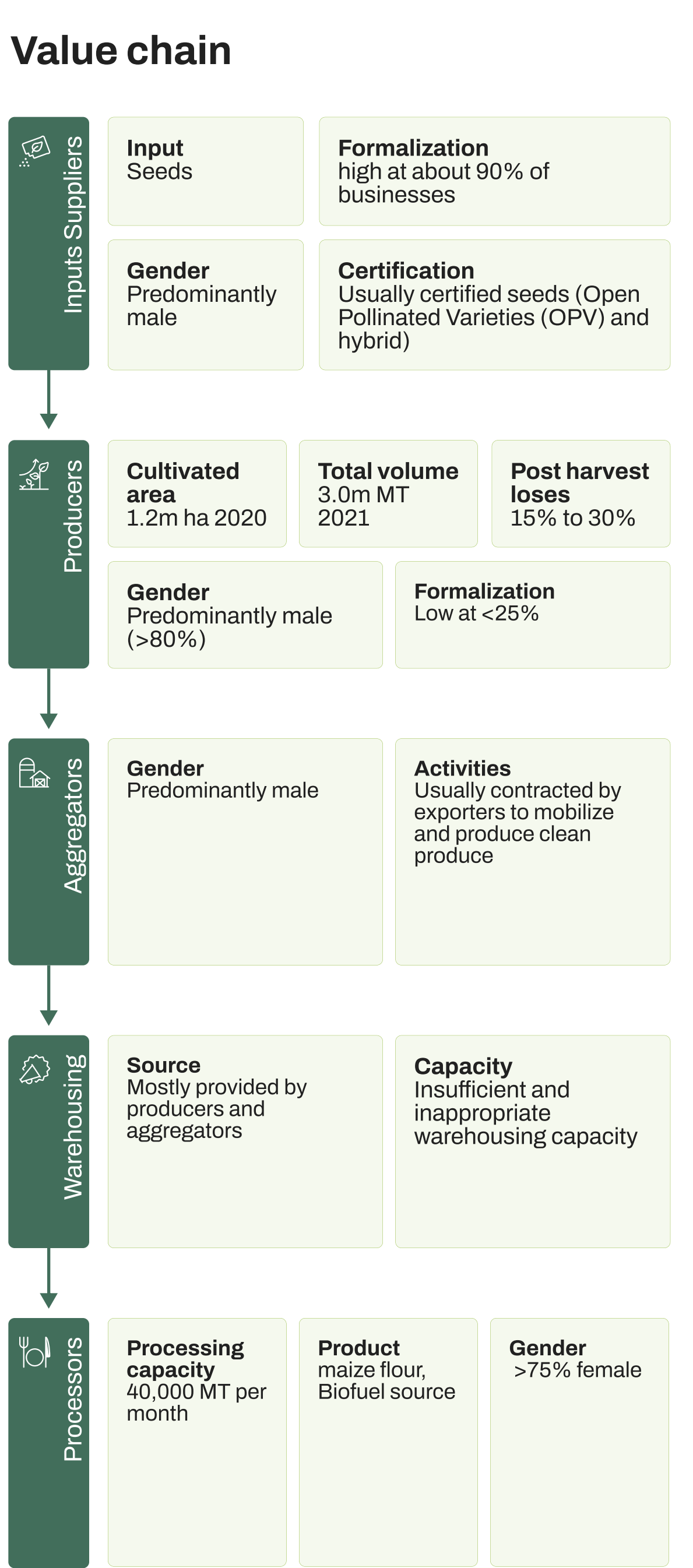
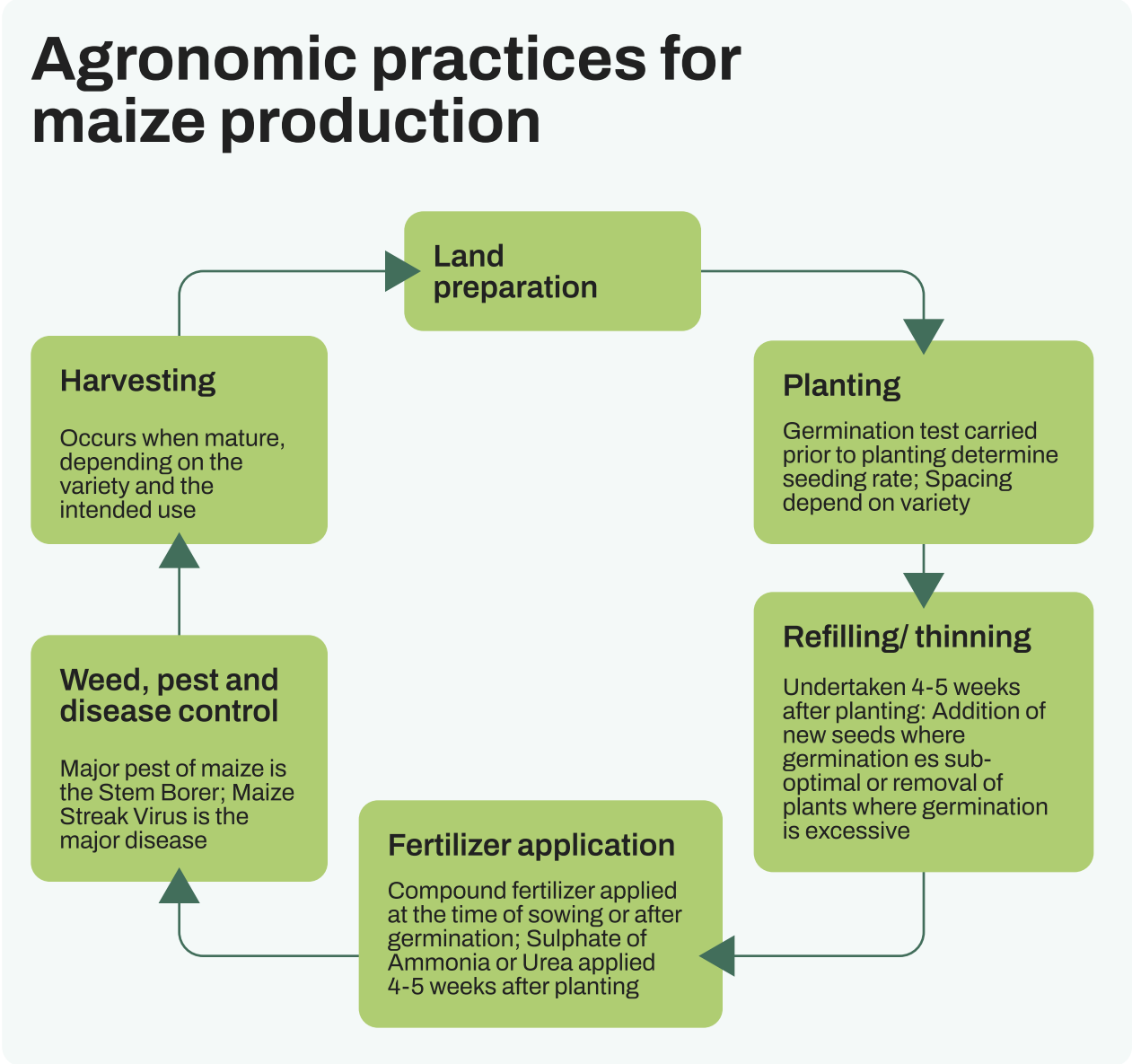
- Domestic: 100% mostly supplied to processors
- Export: currently banned
- Imports: around 200,000 tons imported every year.

Certification

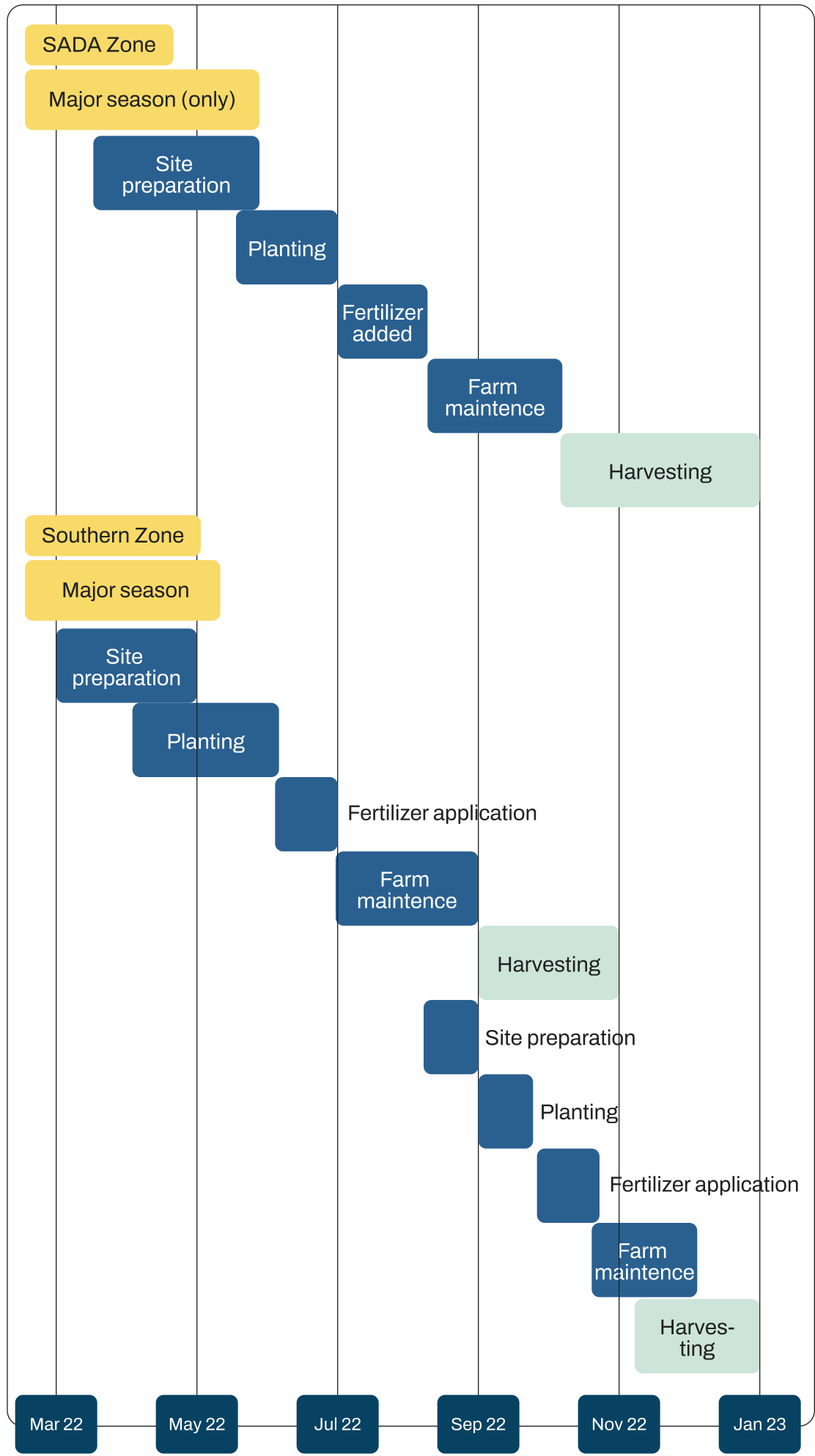
- International: limited
- Local: seeds are usually certified by Global Reporting Initiative (GRI)processors: Food and Drug Administration (FDA)Environmental Protection Agency (EPA), General Service Administration (GSA)

Total Production Volume (2023)
3.6 M kg

Top Ghana's maize export destination		
Source: OEC 2025		
Country	Percentage	Tonnes
Brazil	31,66%	55898040,9
USA	26,02%	45944483
Ukraine	14,93%	26367041,1
Argentina	13,38%	23629982
Romania	3,03%	5351322,97
Poland	2,59%	4568782,01
South Africa	2,25%	3978399,59
Paraguay	2,12%	3789793,29
France	1,87%	3750411,86
Russia	1,87%	3301956,31



Maize agronomic calendar



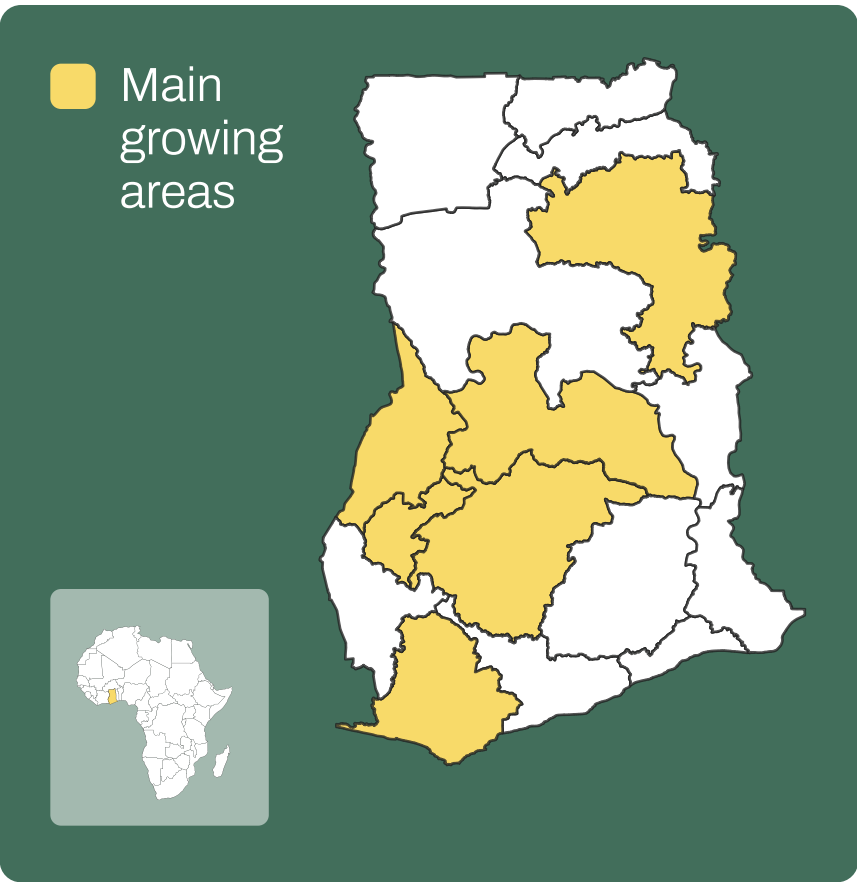
Yields

National average yield of 2.48 MT/ha versus potential yield of 5.50MT/ha: optimum yields cannot be achieved because of erratic rainfall patterns, low soil fertility, difficult in accessing improved seeds, inadequate mechanization services and high post-harvest losses.

Sustainability financing opportunities

VC Segment	Green Finance Requirements
Producers	Financing for - Efficient irrigation infrastructure - Intercropping practices - Increased adoption of organic crop protection and nutrition products
Processors	Financing to install equipment needed for - Maize by-product utilization - Biogas production

Regional production



Maize Production in Ghana spans 9 regions, with the main growing areas being Eastern, Ashanti, Bono, Bono East, Ahafo and Northern regions. Within these six main regions, 2 districts face a high risk of deforestation, 14 districts face a medium risk of deforestation and 2 face low deforestation risk.

This highlights the environmental challenges associated with maize farming and this distribution emphasizes the need for sustainable agricultural practices to mitigate deforestation risks and ensure the long-term viability of maize production in these areas

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Challenges

- Poor post-harvest handling.
- Limited access to quality machinery and lack of mechanization during harvesting.
- Inadequate credit limits the adoption of improved production techniques like organic fertilizer.
- Land tenure system.
- High cost of inputs.
- Erratic rainfall patterns which affect productivity as maize is a rainfed crop.
- Lack of proper warehousing facilities with moisture level mitigation.

Sustainability practices

- Need for increasing adoption of organic fertilizer.

ESG practices

Gender balance
The value chain is male dominated

Education level
Lowest with processors (<30%) and highest with warehousing and logistics (close to 60%)

Personal Protective Equipment should be availed to all actors along the value chain.



Maize products (non-exhaustive)

Maize grit

Dough

Flour

Flakes

Weanmix

eco.business fund

The **eco.business Fund** aims to promote business and consumption practices that contribute to the **conservation of biodiversity, the sustainable use of natural resources, and climate change mitigation and adaptation**. By financing business practices that preserve nature and promote biodiversity, the fund seeks investments that generate both **environmental and economic returns**. The fund primarily offers loans to qualified financial institutions, which in turn lend to eligible borrowers. These borrowers include holders of recognized certifications as well as those implementing changes that **support conservation and biodiversity**. The fund supports sustainable operations in the **agriculture, fisheries (including aquaculture), forestry, and tourism sectors**.

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