My farm: One Acre Unlimited

- Raising cattle
- Raising pigs
- Growing matooke (cooking banana)
- Producing fish, fodder, vegetables and fruits
1\textsuperscript{st} Quarter: pigs

- Dung
- Urea/manure
- Maggots (feed for fish and chickens)
- Earthworms and pesticide from vermiliquid
- Biogas

- And all of this before:
- .....pork
2nd Quarter: raising cattle

• 5-10 zero grazed cows on 0.1 acre
• By using manure to enrich the soil 1 m² can feed a cow by planting maize for silage
• This is profitable!
  Each cow gives 20 litres/day, which can be sold for $12,534 (5 cows) or $25,068 (10 cows) a year.

• Dung is used for biogas
• Slurry from biogas is used as fertilizer
3rd Quarter: matooke

- Using slurry from cows and urine from cows and pigs as fertilizer

- 30 bunches a month, each sold for a minimum $10

- $3,600 a year
4th Quarter: fish, fodder, vegetables and fruits

• An 8m X 15m area can have 10 tanks each with 1000 fish
  10,000 kg of fish harvested in six months:
  10,000 X $3.3 = $3,287.

• The same space can yield 4,800kg tomatoes with a value of $2,630 over six months
Key messages

• Small scale integrated farming is feasible, productive and profitable.

• It has made a difference to my family’s livelihood by supporting mine and my children’s education, providing stable income.

• Research solutions need to be shared more widely and training provided. I have been able to set up a school to provide a foundation for local children.
THANK YOU

www.emmanaluyima.com
@Drnaluyima
emmanaluyima79@gmail.com
0772589613
www.mstjuniorschool.ac.ug