



Evaluation and improvement of a house fly larvae production system in Mali

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Maggots to feed poultry and fish



Maggot production system in Mali



Songhai experimental farm in Benin



32 maggot's rearing beds (1m²)



Day 1: Substrate in rearing bed for natural oviposition



Days 2 & 3: Substrate covered



Day 4: Larvae sifted from the substrate using different procedures



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Day 4 to 5: larvae left one day to empty their gut



Day 5: larvae are dried in the sun



Larvae can be given to animals fresh or dried



Dried larvae



By-product: valuable compost



Summary of the production system

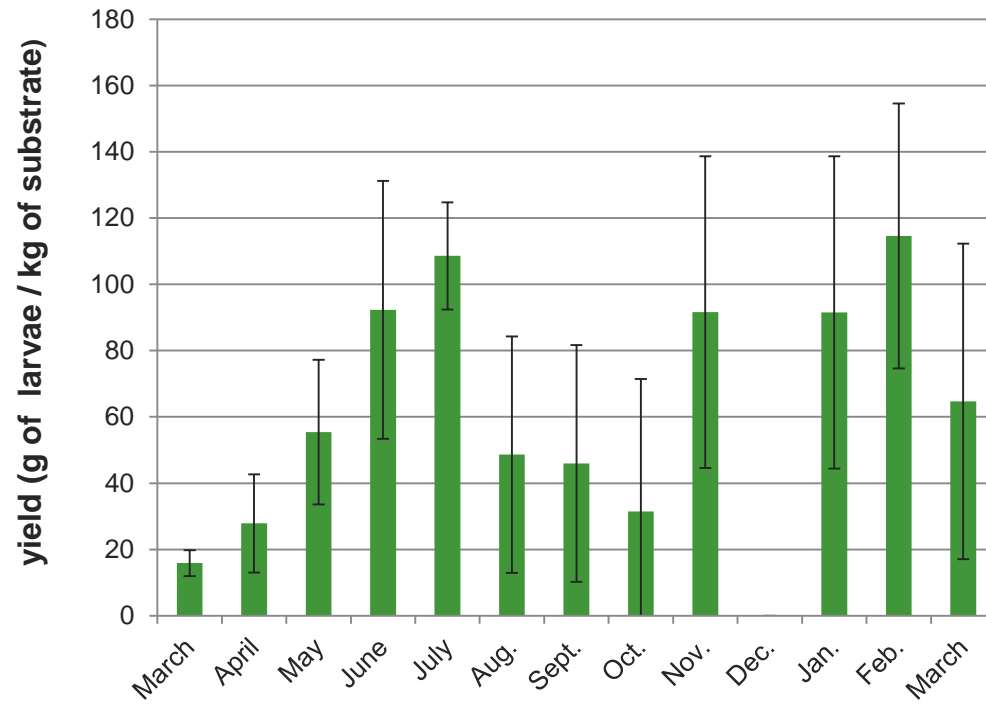


Many substrates tested, the main ones being:

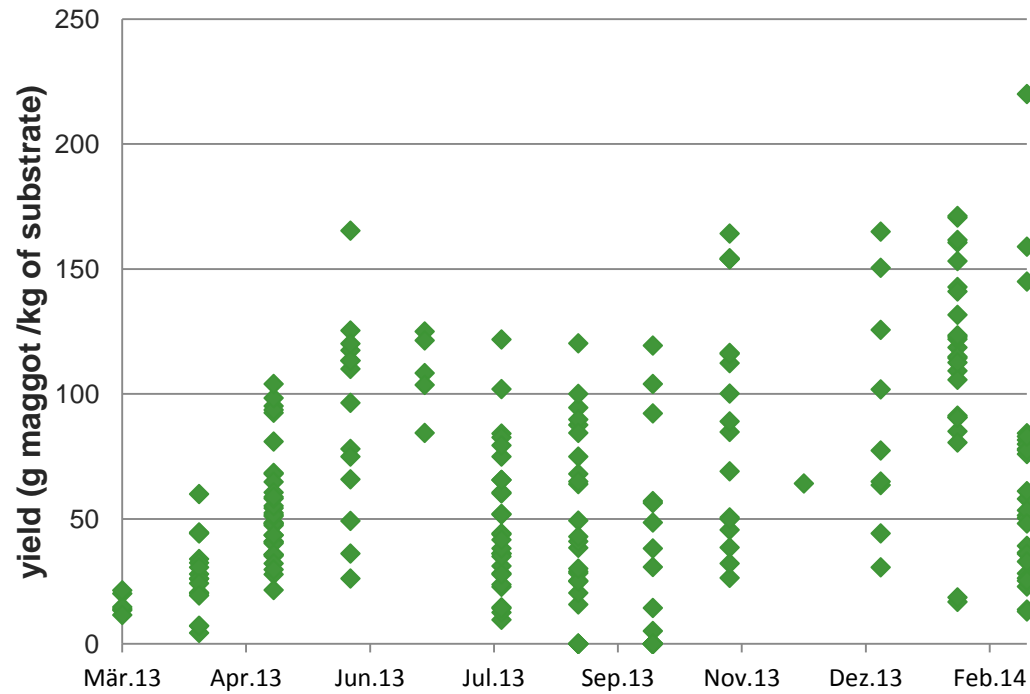
- Chicken manure (containing straw)
- Manure of small ruminants + fish offal in various proportions
- Manure of small ruminants + ruminant blood in various proportions



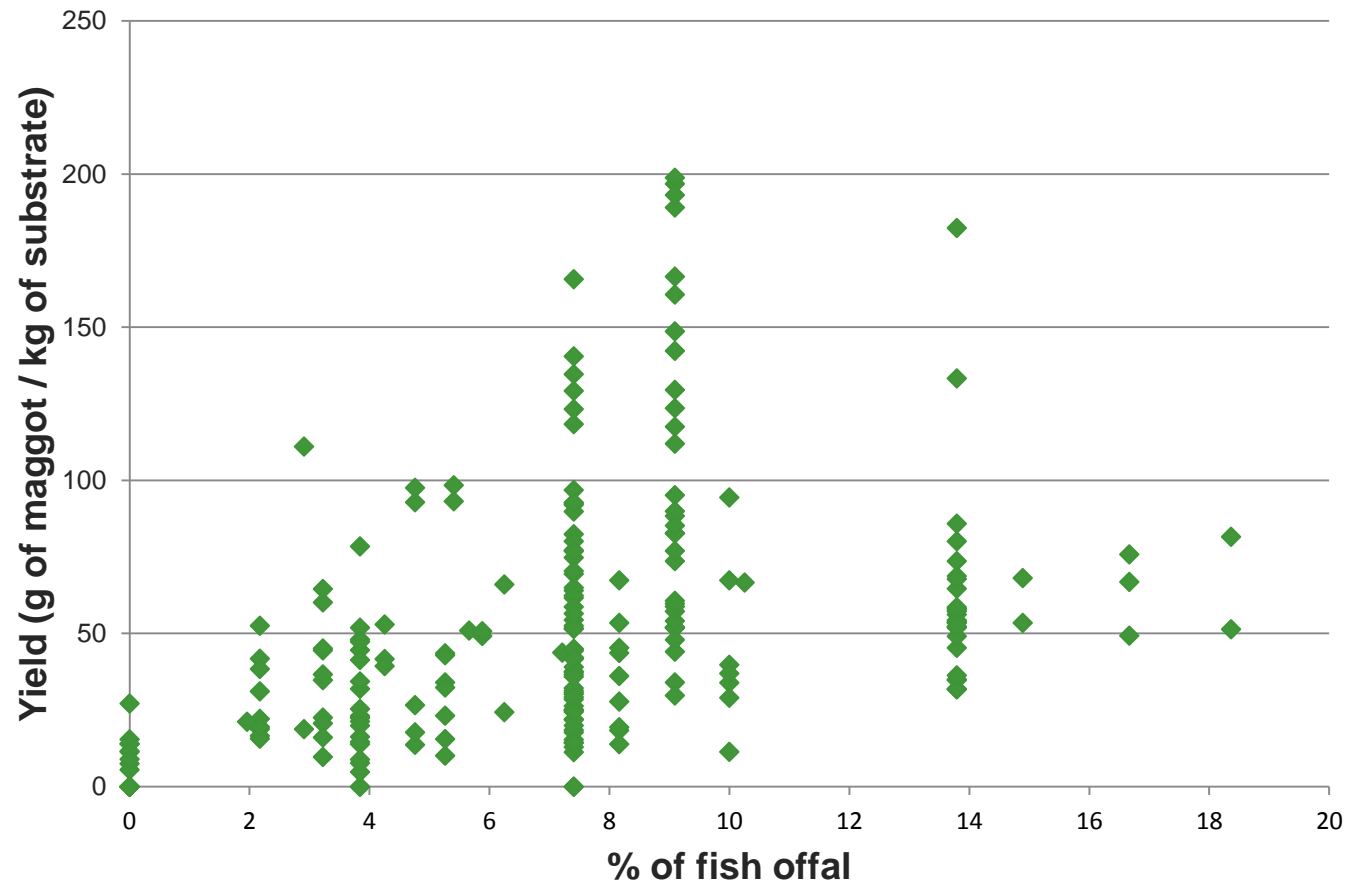
Results: chicken manure



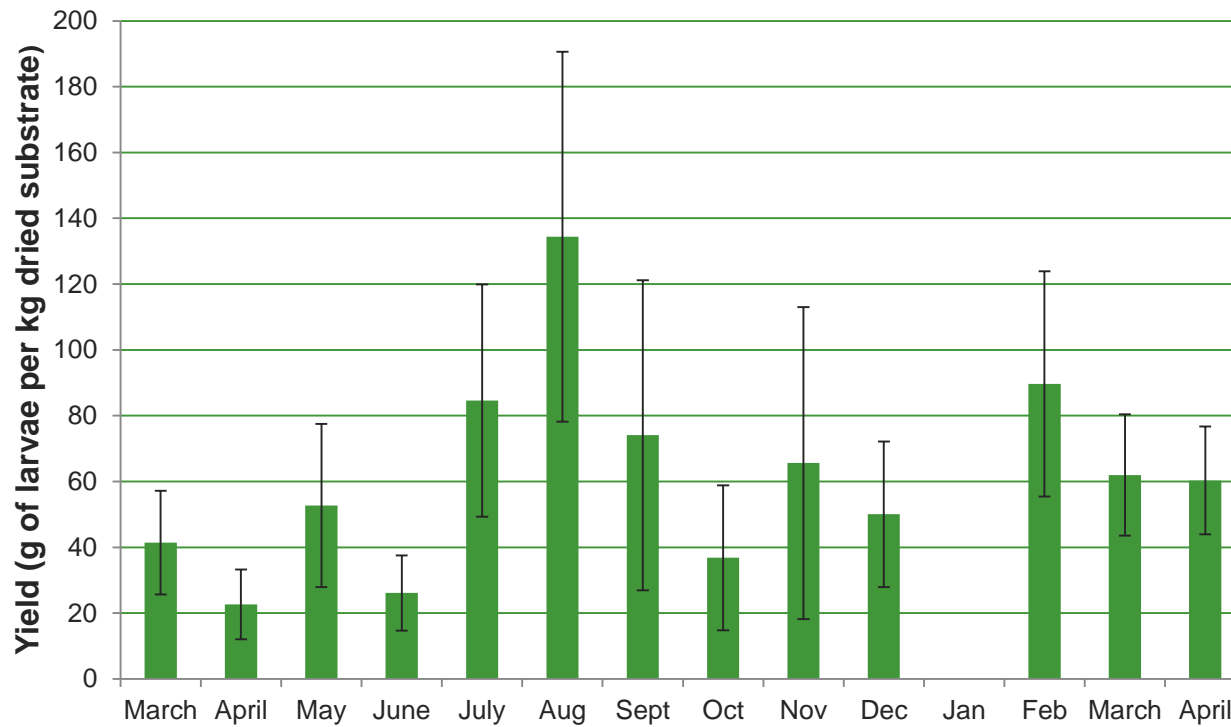
Results: chicken manure



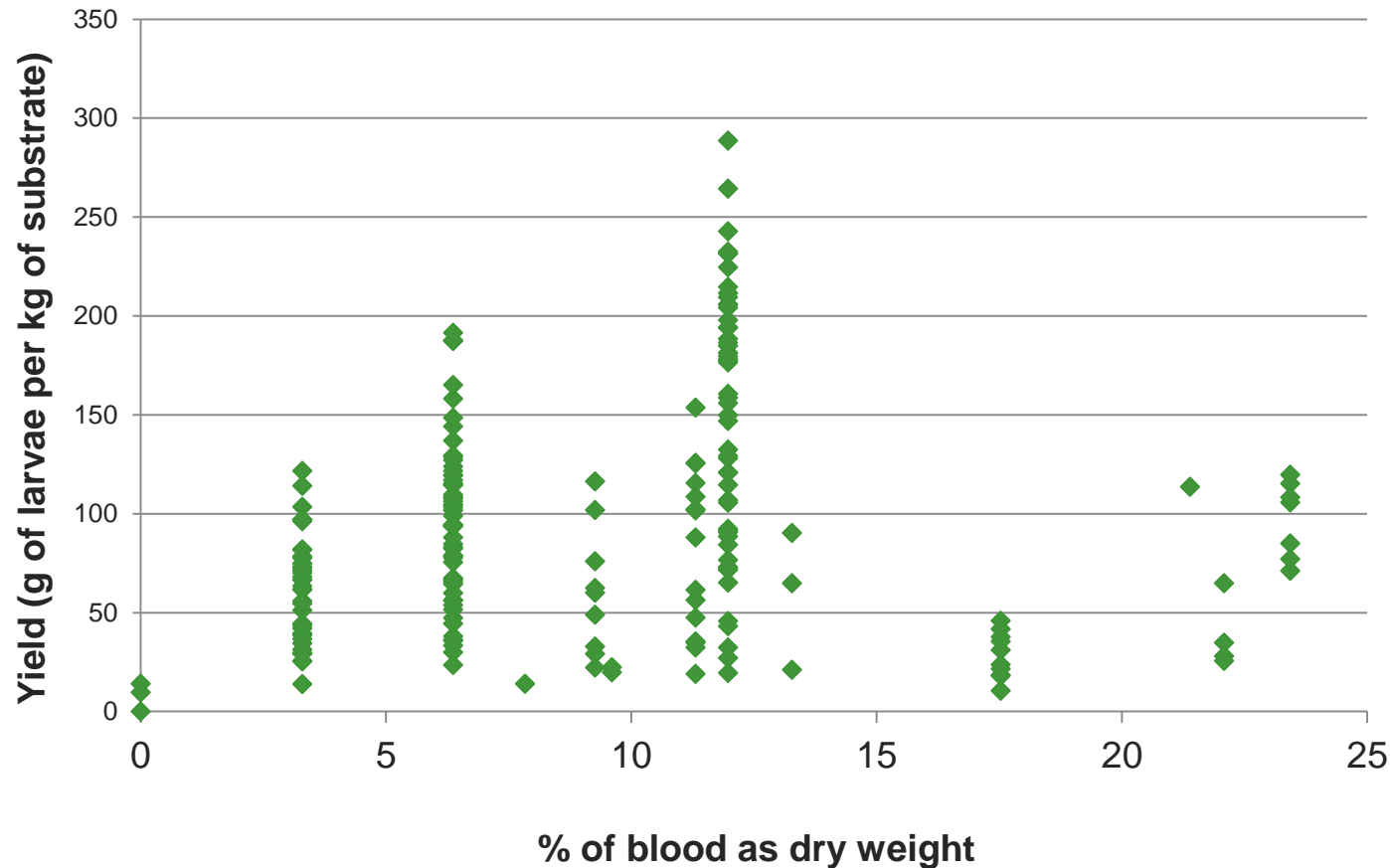
Results: Manure of small ruminants + fish offal



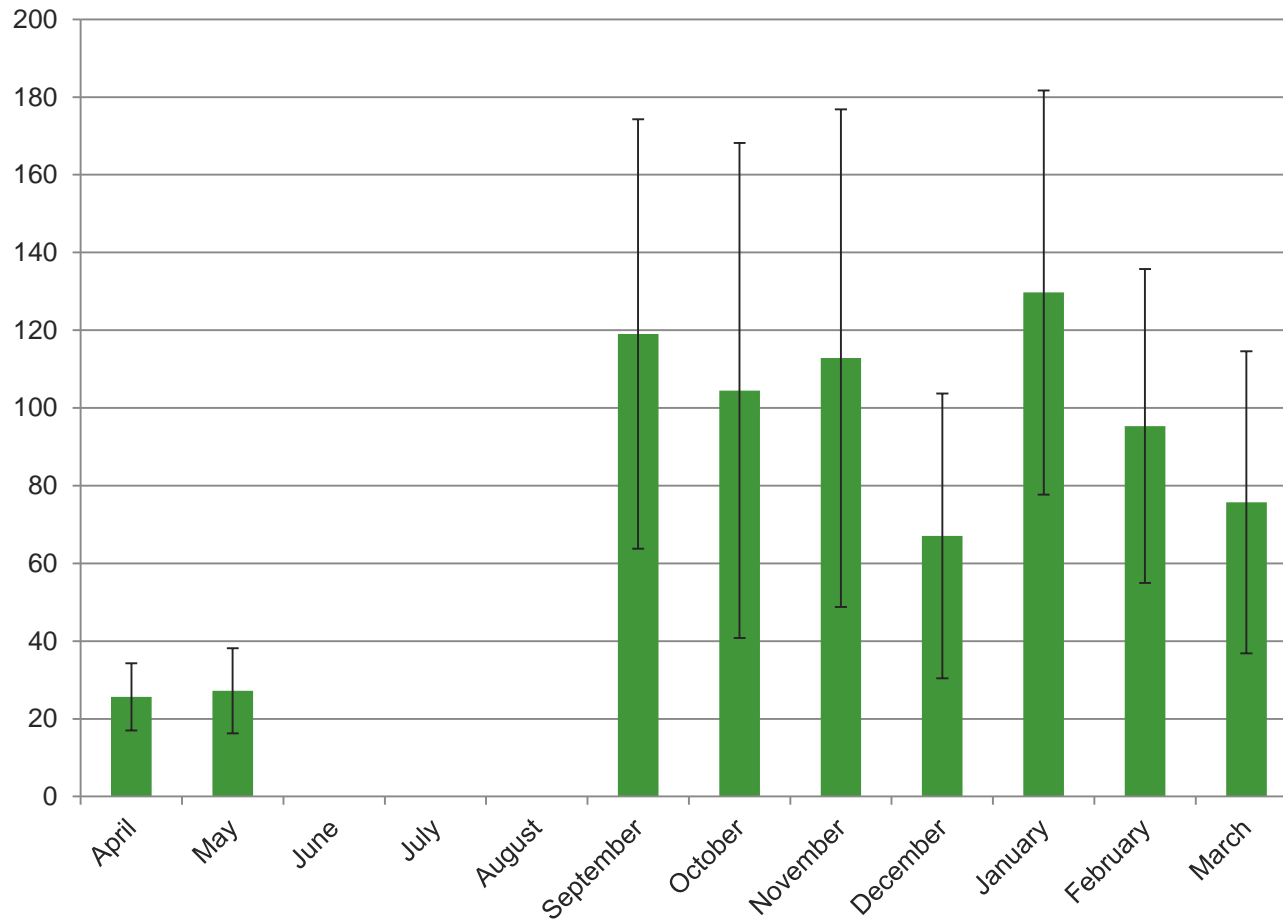
Results: Manure of small ruminants + fish offal



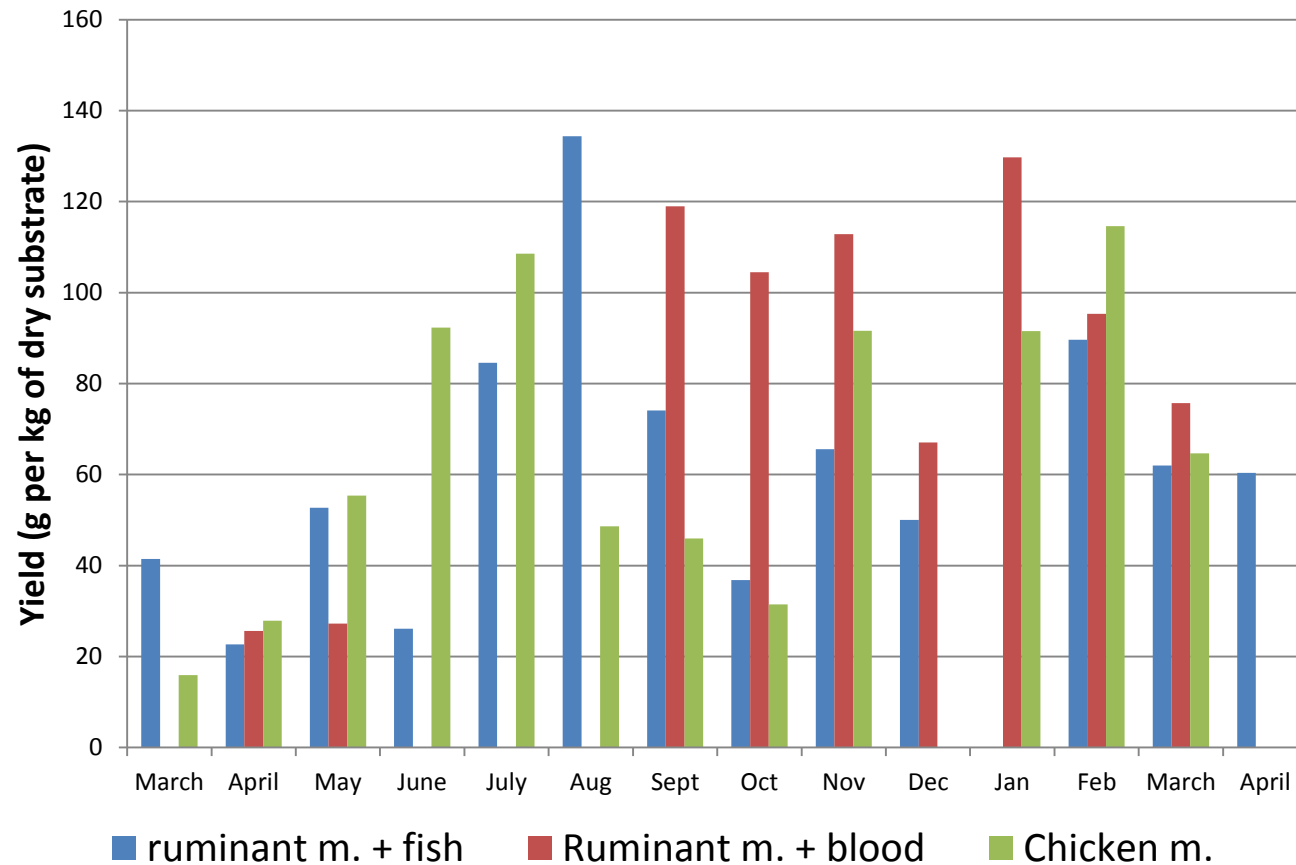
Results: Manure of small ruminants + blood



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Results: summary



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Adult rearing set up



Funded by:



Thank You for your attention