

organic fertilizers and soil conditioners

COMPOST & PELLETIZED ORGANIC FERTILIZER

CERTIFIED BY:









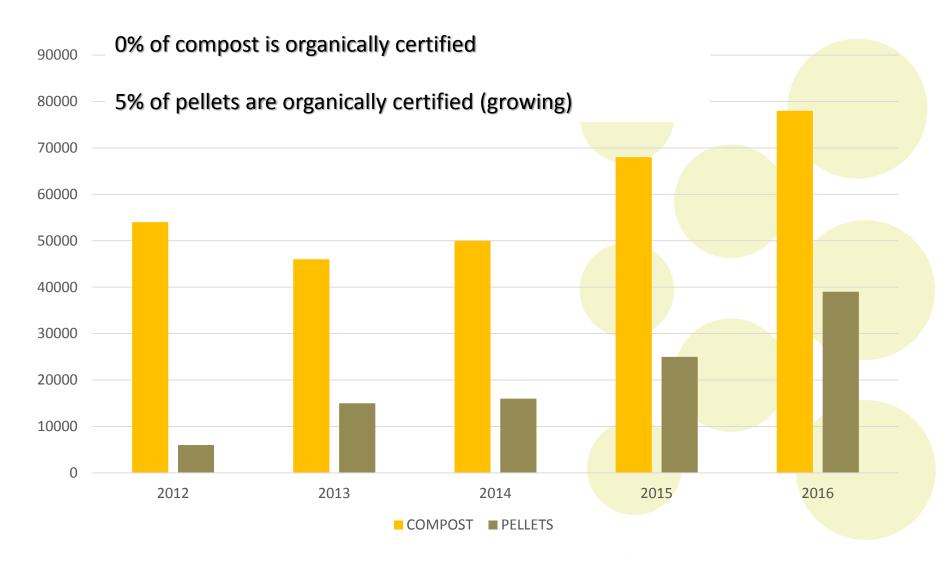








Total production of which:



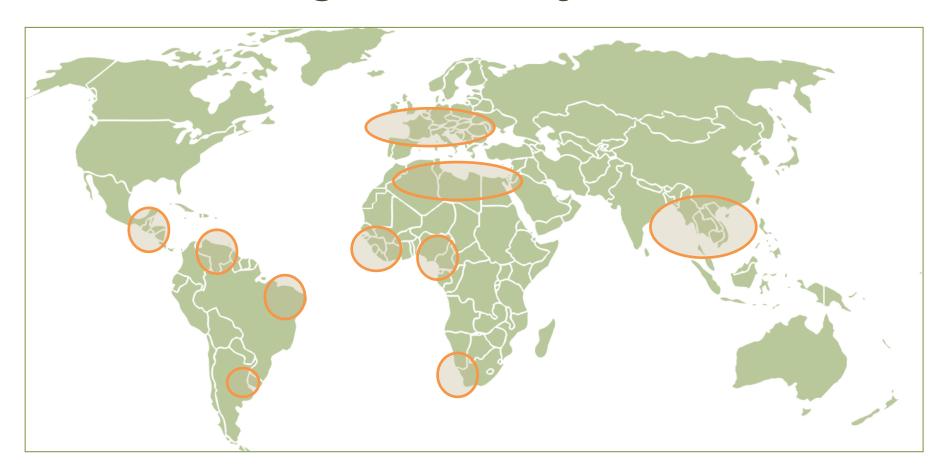


Raw materials

Compost

- Chicken, pig, cow manure (solid fraction)
- Digestate (solid fraction)
- Struvite, potassium chloride, potassium by-products from biodiesel industry
- Not clear if separated cow manure is tolerated?
- Not enough organically certified pig manure available in BE
- Organically certified pellets
 - "free-range" chicken manure
 - Organically certified NPK-sources

Increasing soil fertility worldwide





Raw materials

Authorisation	Name	Description, compositional requirements, conditions for use
A	Compound products or products containing only materials listed hereunder: Farmyard manure	Product comprising a mixture of animal excrements and vegetable matter (animal bedding). Factory farming origin forbidden
A	Dried farmyard manure and dehydrated poultry manure	Factory farming origin forbidden
A	Composted animal excrements, including poultry manure and composted farmyard manure included	Factory farming origin forbidden

We use free-range chicken manure (non-organic origin)

- → But what if chicken have to be kept inside (frost, disease risk)??
- → Can we use separated cow manure (kept in field = not factory farming)?
- → What exactly is factory farming (acres of field/animal, average time spent outside?)

Raw materials

A Products or by-products of animal origin as below: blood meal hoof meal horn meal bone meal or degelatinized bone meal fish meal meat meal feather, hair and 'chiquette' meal wool fur hair dairy products	Maximum concentration in mg/kg of dry matter of chromium (VI): 0
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These animal by-products can be from factory farming origin? How are they different from manure?

Price comparison raw materials

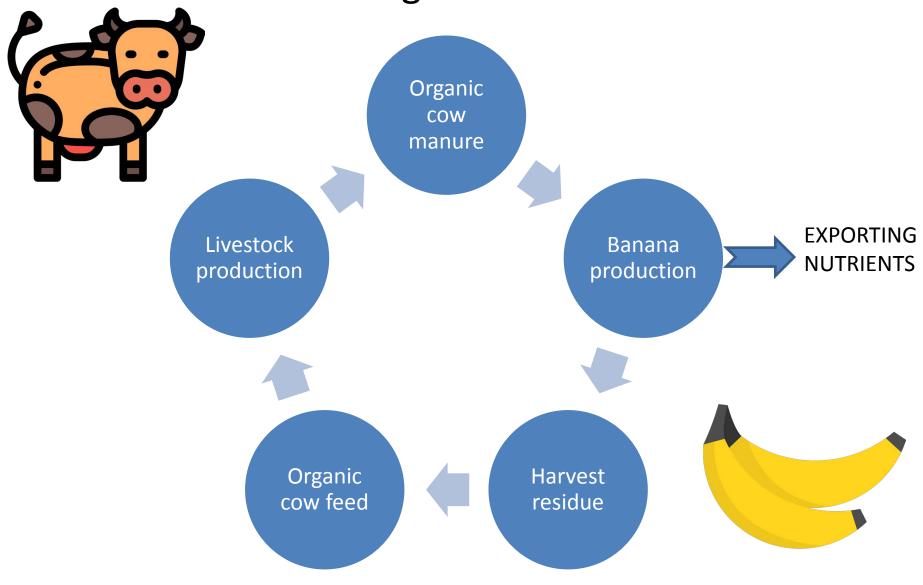
Nutrient	Non-organic (price per %)	Organic (price per %)
N	€ 6 (urea)	€ 32 (feather meal)
P2O5	€ 8,5 (TSP)	€ 31 (meat bone meal)
K2O	€ 4,9 (by-product biodiesel industry)	€ 10 (mined potash sulfate)

Prices are x 2-5

How do we offer fertilizers at a reasonable price to organic growers of:

- Intensive fruit production (banana's) that produce in regions with hardly any livestock? What nitrogen source should they use?
- Intensive vegetable production? What nitrogen source should they use?

Closing the circle?



Fertikal can't use organic manure as a raw material for organic fertilizers

Organic manure agreeme

Fertikal : relations

Stop inta products

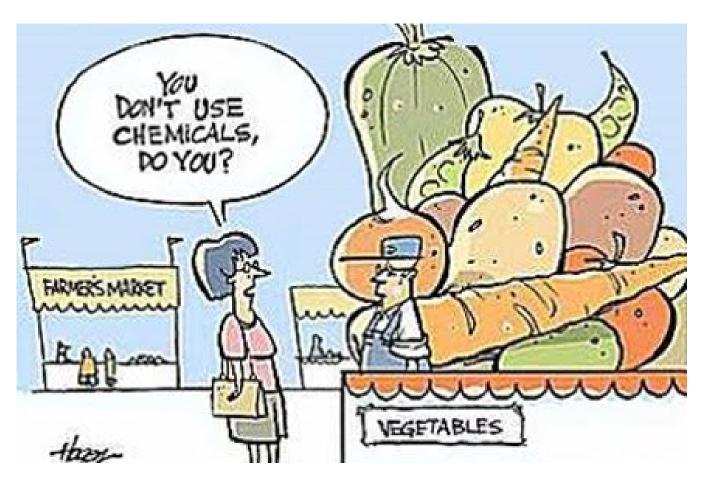


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Let's hear your opinion!



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