



Naturlandhof Udo Rumpel

basics of the compost-produktion
on farm composting

business sectors:

solar energy

civil-wind-company's

agriculture

- ca. 50 ha farmland
- ca. 8 ha greenland
- fruits: clover with gras, wheat, spelt (Dinkel), red beet, mais (corn), field bean, soja, peas (Platterbsen)
- livestock: 8 horses
- climat in northen of bavaria, between Frankfurt and Nürnberg: 9,5 °C averige, ca. 450 mm rain
- composting area



basics of the compost production

- composting – anaerobic digester, biogas
- complexity
- temperature
- parameters: oxigen, humidity and temperature

different input material



different input material





This is a very bad example of a composting area



Building of a row with a feed mixer



manure spreader with lying wave's



**You can build 2 row's side by side
and after 1-2 weeks you bring the right row on the
left**



The new row: the area which was outside is now inside, so the hygienisation can work better



Small compost turner for rows with 2,5m wide and 1,8m high, turning wave inside



Function of the compost turner

After mixing the different material for the storage





A big compost turner, not depending of dimensions of the row's



The turning wave is on the left side and a conveyor belt brings the material to the left side



The whole material is completely mixed



After 2 or 3 times turning the material, you have good compost for the agriculture (shure hygienisation), not for gardening



**my composting area, build in 2016, ca. 1400 m²
about 80.000 €,
collecting-basin for the rainwater**

Inter-crop



green-peas, peas (Platterbsen)
vetch (Wicken), buckwheat,
phacelia, sunflowers, rectich,
oats





thank you very much

questions?



Danke!