

TRAINING MATERIAL

Title:

PK fertilizer from the ash of poultry manure with "BMC Moerdijk" thermochemical process (ID:401)

Training:

What is the product?

The PK fertilizer is derived from hydrated ash of incinerated poultry manure. Poultry manure is obtained from poultry farms in the Netherlands meeting EU compliances for animal production. The material is produced from the ash of incinerated poultry manure and water. Main nutrients are phosphorus and potassium. The fertiliser has a neutralizing value due to the presence of hydrated burnt lime and the fertiliser contains secondary and micronutrients.

Who is the vendor of the product?

The vendor of the product is BMC Moerdijk BV: <https://www.bmcmoerdijk.nl/>

Which other product/technologies are provided by the vendor?

Technology for P recovery as PK fertilizer from the ash of poultry manure with "BMC Moerdijk" thermochemical process (ID:399).

Which are the advantages of the product and the problems addressed? Describe advantages/problem solved?

The efficacy of the product was tested in pot trails and field experiments und real farming condition. The product has a low content of contaminants, e.g. heavy metals (Cd, As, Pb), no organic compounds and is free of pathogens. The product is available on the market and used in conventional farming on arable land.

Which is the nutrient content of the product?

0 % N – 10 % P₂O₅ – 12 % K₂O, 20 % CaO, 7 % SO₃, % % MgO

Which equipment and methods can be used to apply the product?

The product can be spread with common spreader technology.

How to use the product?

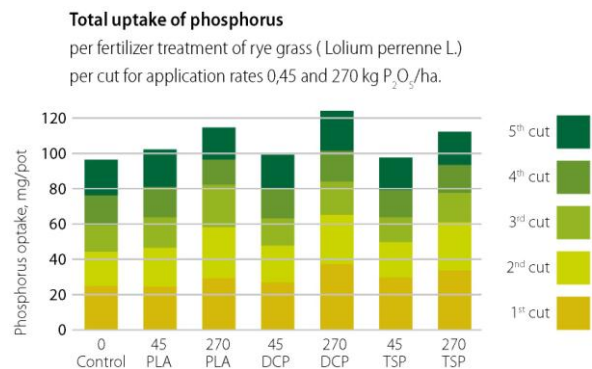
The product can be dried stored in bags or silos. The dosage depends on the nutrient level of the soil and the crop demand and on the nutrient content of the product. It is suitable for all sort of arable crops production like wheat, rape, maize or similar. For an appropriate dosage, a soil test is recommended in advance. The application should take place before sowing and the product should be worked in flat.

Which are the authority permits and in which EU countries?

Recommendation to authorize recovered fertilizers (e.g. from biomass ashes) for organic farming by STRUBIAS workgroup. (as it is in 01/2020). National authorization in e.g. GB, Fr, B, NL.

How much does it cost?

Please ask directly to the vendor for a specified offer.



For more information: https://nutriman.net/farmer-platform/product/id_401