

## TRAINING MATERIAL

### Title:

NH<sub>3</sub>-water from pig manure or digestate with VP-Hobe Manure Valorisation system

### Training:

#### What is the product?

The NH<sub>3</sub>-water is a liquid fertilizer with 14%N.

#### Who is the vendor of the product?

VP-Hobe BV (<http://www.vp-hobe.nl/>) is a manure processing technology company in the Netherlands.

#### Short presentation of the vendor:

VP-Hobe is developed its own Manure Valorisation System using flotation, belt press sieve, reverse osmosis, evaporation and stripping technologies.

#### Product features:

#### Which are the advantages of the product and the problems addressed?

- High N concentration
- Potential RENURE fertilizer
- Can replace chemical fertilizer

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

Application can be done using liquid manure injection systems. Low emission application techniques are compulsory to prevent ammonia volatilization.

**Which is the nutrient content of the product?**

- Liquid biobased fertilizer
- N: 14%
- Straight liquid inorganic macronutrient fertiliser (PFC 1.C.I.b.i)
- Free from salmonella and E-coli

**How to use the product?**

The NH<sub>3</sub>-water can be used in vegetables, grass, maize, grain.

**Which are the authority permits and in which EU countries?**

This product is a potential RENURE fertilizer which means that application will no longer be defined as livestock manure in the Nitrates Directive. This means application will no longer be limited to 170 kg N/ha.

**How much does it cost?**

Costs for farmers will be approximately €20-40 per ton ex works.



For more information: [https://nutriman.net/farmer-platform/product/id\\_1527](https://nutriman.net/farmer-platform/product/id_1527)