

## EIP-AGRI practice abstract

### Short title:

Mineral concentrate from pig/cattle slurry using belt press sieve and reverse osmosis processing

### Summary:

Vlako's mineral concentrate is produced from pig/cattle slurry using belt press sieve and reverse osmosis processing.

The mineral concentrate can be used in grass fields, silage maize, potatoes and vegetables. The product can be applied before sowing or planting of the crops with the same machines which are now being used for spreading slurry or liquid manure. During the cultivation of the crops the product can be applied with precision fertilising equipment. The use of low emission application techniques is compulsory to prevent ammonia volatilization.

The product price varies during the season and is approximately between -/€5 and €0 per ton ex works. The average nutrient content is: N: 6,5 kg/ton; P2O5: 0,1 kg/ton; K2O: 7,5 kg/ton; MgO: 0,5 kg/ton; S: 3,2 kg/ton; EC: 37 mS/cm. Due to the organic origin of the fertilizer, nutrient content may vary

The product is allowed as pilot RENURE fertilizer in NL which means that application is no longer defined as livestock manure in the Nitrates Directive. The mineral concentrate can replace the conventionally used chemical fertilisers. It is a high value product which can be used in crops who have a need for nitrogen and potassium.

For more information: [https://nutriman.net/farmer-platform/product/id\\_520](https://nutriman.net/farmer-platform/product/id_520)