

Vinasse ROMPAK

liquid fertilizer
Organic



Vinasse Rompok

Introduction

Vinasse is 100% organic fertilizer, produced from the industrial fermentation of fresh yeast.

Has a complex and very valuable chemical composition, providing the necessary macro-elements (N, P, K) and microelements (Mg, Fe, Cu, Zn etc.) which are essential for the growth and development of plants and animals.

Approved based on the Approval Certificate 176/2003, and certified for use in organic agriculture, granted by CERES Gmbh.

Applications:

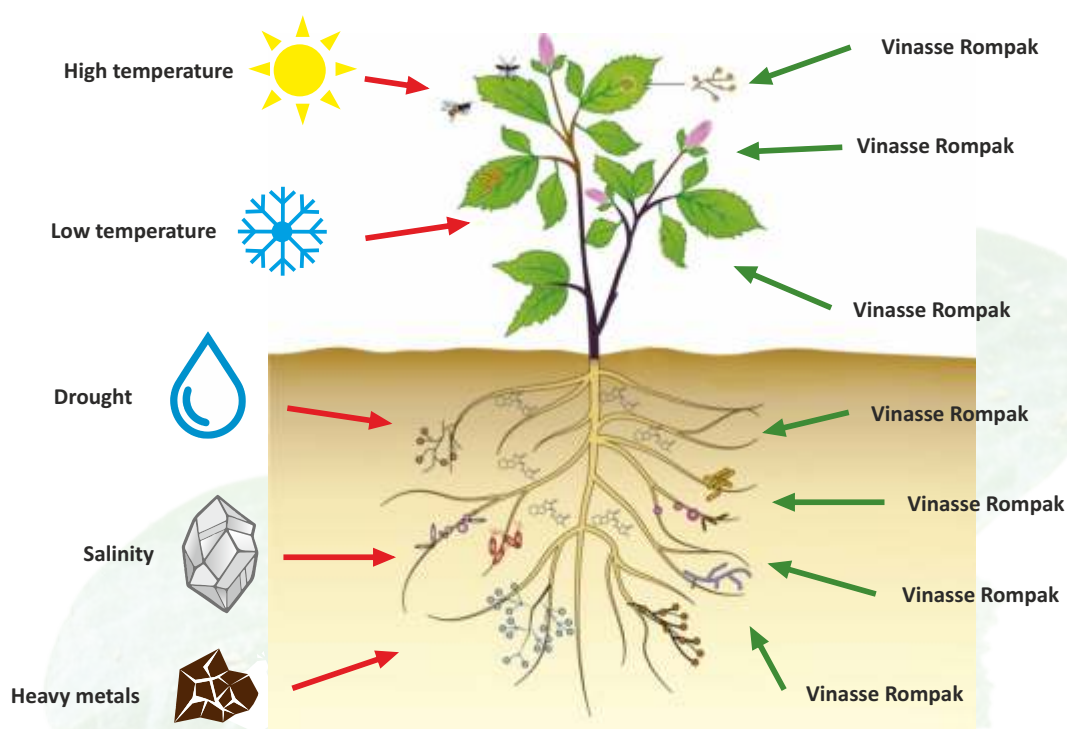
- 🌱 **Agricultural fertilizer for soil or foliar application**
- 🌱 **Encapsulation material for fertilizers**
- 🌱 **Feed additive in the food of ruminants, birds and pigs**

Composition

Parameter	U.M.	Average values
Dry matter	%	61-63.5
Humidity		40-36,5
Carbohydrates	%	1,1-2
Crude protein	%	15-22
Ash	%	21-24
Potassium	%	4-8
Calcium	%	1-2,5
Magnesium	%	0,11-0,3
Sodium	%	2-6,2
Phosphorus	%	0,1-0,5
pH		7-9,5
Iron	mg/kg	100-150
Organic carbon	%	18-22
Total organic acids	%	12-15
Total amino acids	%	3-6
Total free amino acids	%	0,25-0,50
Betaine	%	6-11
Total Nitrogen	%	2,4-3,5

The benefits of using vinasse in agriculture

- 🌱 The high content of macro-elements (nitrogen, phosphorus, potassium), meso-elements (calcium, magnesium, sulfur), but also microelements stimulates plant metabolism by compensating for shortcomings caused by external stress factors (excess heat, drought, frost, phytotoxicity, etc.);
- 🌱 The stimulation of plant growth is based on an organic growth with biological stimulation; the plants receive from the vinasse fertilized soil the necessary resources in the form assimilated by them;
- 🌱 Improves soil fertility and structure;
- 🌱 It favors the formation of bacterial flora in the soil which accelerates the degradation of the cellulosic material and allows their incorporation faster in the natural circuit;
- 🌱 It contributes to the protection of the environment because it favors the multiplication of microorganisms, such as azotobacter, which facilitate the fixation of nitrogen from the air to the soil;
- 🌱 Limits the development of parasites.



The entire activity regarding the use of the Vinasse product must be done in compliance with the provisions of the **Farmer's Guide on Cross-Conditioning**.

The recommended amount of vinasse for application depends on the characteristics of the soil and the type of crop.

In the performed trials, the vinasse determined production increases between 20% and 87%, depending on the plant species, the dosage of vinasse applied, the type of soil and the level of precipitation in the area. It is recommended to administer Vinasse before the summer-autumn plowing or sowing plowing or before preparing the germination bed.



The benefits of using vinasse in animal feed

- 🌱 Vinasse is characterized by a high content of mineral nutrients, betaine, proteins / peptides, potassium, nitrogen and organic acids;
- 🌱 It can be used in liquid form in animal feed but also in dry formulations, this favoring a uniform distribution in the feed mix, a better incorporation and ingestion;
- 🌱 It has probiotic and taste-enhancing properties, ruminal activator and promoter of sexual maturity and reproduction; for non-ruminants 1-3% is added to the formula and for ruminants 4-5%;
- 🌱 Promotes a better conversion of food, speeding up the rate of weight gain due to the presence of organic acids;
- 🌱 Organic acids support a better use of nutrients, improve digestion, synthesis and adsorption of vitamins and minerals, thus facilitating feed metabolism;
- 🌱 Vinasse keeps the intestinal flora in balance, preventing the spread of intestinal pathogens.



For additional information please contact us!
On request, we offer samples for analysis and testing.

Contact: Cristina Hanganu

Email: cristina.hanganu@pakmaya.ro

Mobile Phone: +40 734.009.394

SC ROMPAK SRL, 1C Gradinitei Street, Pascani, Romania