

GROWTH STIMULATOR "RASKILA"

*valuable organic fertilizer perfect to use
in ecological and conventional farms*



THE NEXT STEP TO THE FUTURE FARMING

- The product and its features
- Benefits of using and goals for the farms
- Certification, researches and approvals

THE PRODUCT

- **Liquid organic fertilizer RASKILA** is a concentrated biologically active product made of **natural ecologically clean** vermihumus
- Vermihumus is produced by compost worms by processing horse manure substrate
- The liquid organic fertilizer **preserves all ecologically clean vermihumus components**
- Product **contains the full complex** of micro and macro elements, humid substances, growth and development hormones, fluvial and amine acids, phytovitamins
- **Product is based upon unique multistage pasteurization, maturing technology**



USAGE AND BENEFITS

- RASKILA is **suitable for any plant species** with no exceptions
- RASKILA can be used **combining it with chemical fertilizer** or separate - for **fully ecological agriculture**
- Using RASKILA farm will:
 - **save the expenditures for the chemical fertilizer 50% and more**
 - **increase the harvest up to 30% and more**
 - **receive significantly more revenues for the harvest because of an increased product quality classification**

BENEFITS FOR THE FARM USING RASKILA

Biological effects proved by the researches and official certificates:

- Gives plants **food** in their first development stages, **induces plant growing**
- Helps plants to **absorb nutrients**, micro and macro elements, vitamins, hydrocarbons
- Improves plant's harvest structure biochemical elements, **increases the harvest**
- Strengthens plant's **immune system**
- Helps **protecting** from diseases and pests
- In conventional farms it can be used jointly at crop spraying and seed pickling **saving pesticides and mineral fertilizer by 50% or more**
- **Protects plants** from stress, cold and drought as well as water excess
- Speeds up plant's preparation for winter, **improves wintering**
- **Absolutely does not pollute environment**, makes conditions to grow healthy food and fodder
- Enriches soil with nutrients, **speeds up plant waste mineralization**, helps to restore exhausted soils

RESEARCHES AND CERTIFICATES

- The consistence and features of the product were investigated in **Lithuania, Germany and Czech Republic** in 2011
- RASKILA was certified as a **100% ecological fertilizer** at **EKOAGROS, Lithuania**
- 2013 RASKILA received an **international certification of CERES** according EU Regulation no. 889/2008 - as an **ecological plant growth stimulator**
- Diverse agrochemical investigations and tests took place at:
 - **Aleksandras Stulginskis University** - laboratory researches and field - testing
 - Certified at the **EUROFINS** research Centre, agrochemical research and field tests done in **Germany**
 - Approval of Institute of the Public Health in Ostrava, **Czech Republic**, chemical testing performed
 - All needed researches at the Lithuanian Agricultural and Forestry Centre and Agrochemical Research Laboratory in **Lithuania** were achieved



Confirmation

for Materials Used in Organic Agriculture

Document No: 20310

Issued for:
JSC "Raskilė"
Sauginiu k., Sialiu r. sav.
LT80186 Lithuania

CERES GmbH herewith confirms, that the materials listed below, which are produced or sold by the above mentioned company, can be used in organic farming according to following standards:

Product	Use as	Standard	Restrictions
Raskila	Growth Stimulator	<ul style="list-style-type: none">• Reg. (EC) 889/2008 (Annex I)• NOP (§205.203)• JAS Organic (Not. 1605, Table 1)	--

This confirmation is valid until 30 June 2015

Happurg, 17 June 2014  Albrecht Benzing, CERES GmbH

Last inspection date: 27 May 2014

CERES authorises the above mentioned company to use the CERES seal on the products specified above. The CERES Seal is property of CERES GmbH, Happurg, Germany. This confirmation is based on an onsite verification and laboratory analysis. However, it is the certificate holder's responsibility to assure, that all batches sold under the above mentioned commercial names, or with reference to organic, or with the CERES seal, comply with the standard(s). CERES did not verify other aspects of quality, as e.g. the effectivity of the materials for the proposed purpose. 4.8.6e(v010411)

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COMPOSITION

- **Dry substance** - organic substance 81,33%
- **Natural material:**
 - Nitrogen (N), phosphorus (P), potassium (K) no less than 4 g/l
 - Humid acids no less than 3 g/l
 - Fluvial acids no less than 3 g/l
 - Organic carbon 0,34%
 - Micro elements: Fe, Zn, Mg, Mn, Mo, B, Ca, Cu
 - pH no less than 7,5
 - and a lot of other biologically active ingredients
- *concentrate is not overfilled with individual elements, but they are **correctly balanced***

PREPARATION AND USAGE

Frequency:

- RASKILA recommended **application rates 3-4 l/ha, 1:100**
- Fertilizing garden plants – 1 time per 10 days
- Watering greenhouse plants – 1 time per 7 days
- Watering lawns – 1 time per month
- Fertilizing perennials – 2 times per month
- Preparation of soil in spring – spraying 1 time – 4-5 l/ha
- Preparation of soil in autumn – spraying 1 time – 4-5 l/ha



Oilseed rape is watered with "Raskila"

WHERE WE ARE

- RASKILA is widely used by farmers in Lithuania
- Export is going to Poland, Germany, Spain, Sweden, Norway, UK, Netherlands, Turkey, Morocco, Latvia and Estonia

REFERENCES

BLACKCURRANT

- ✓ **Farmer Feliksas Šlėvė**
Place: Radviliškio r. sav.
Area: 100 ha
- ✓ **Farmer Adolfas Jasinevičius**
Place: Biržų r. sav.
Area: 600 ha

Results:

- Speeds up the plant growth during main vegetative period
- Low plant illness, strong microflora
- More intensive photosynthesis, increase of sugars and starches in leaves, quicker maturation of harvest

THE FUTURE IN AGRICULTURE

- RASKILA is the **higher level growth stimulator** than the standard fertilizers **acknowledged by international researches and CERES certification**
- Using RASKILA agriculture **makes a significant step to the future** without using chemical fertilizers or intensively reducing of it
- RASKILA is a **great instrument fulfilling European Union and World wide requirements developing ecological plant farms**
- Using RASKILA the **quality of ground water** would reach significantly higher values **because of decreased chemical contaminants**

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THANK YOU!