

State Plant Service
under the Ministry of Agriculture



Requirements and control of fertilizers application in Lithuania

Jelgava, 2019



LEGISLATION (1)

- Regulation (EC) No 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers ;
- From 2022 July 16 will apply Regulation (EU) 2019/1009 of the European Parliament and of the Council of 5 June 2019 laying down rules for the making available on the market of EU fertilizing products and amending Regulations (EC) No 1069/2009 and (EC) No 1107/2009 and repealing Regulation (EC) No 2003/2003;
- Law of the Republic of Lithuania on Fertilizing Products;
- Law of the Republic of Lithuania on Chemicals and Preparations;



LEGISLATION (2)

- The Government of the Republic of Lithuania May 15 Resolution No 479 on the permission to implement the Law on Fertilizers of the Republic of Lithuania;
- Minister of Agriculture of the Republic of Lithuania Order No. 3D-292 on Approval of the Description of the Procedure for the Listing and Deletion of Fertilizer Products on the Market and in the Republic of Lithuania and Approval of the List of Fertilizer Products on the Market and in the Republic of Lithuania.



LEGISLATION (3)

- The description of requirements for the use of fertilizers was approved by the Minister of Agriculture of Lithuania on 29 May 2019 order No 3D-332
- Of the Minister of Environment of the Republic of Lithuania and the Minister of Agriculture of the Republic of Lithuania July 14 order no. D1-367 / 3D-342 Approval of the Description of the Environmental Requirements for Manure and Slurry Management



The Law on Fertilizers products of the Republic of Lithuania determines:

- Requirements for Fertilizers which are for the making available on the market in the Republic of Lithuania;
- Responsibilities of economic operators and users of fertilizer;
- Identification requirements of fertilizer which are the making available on the market;
- Requirements of fertilizers to the making available on the market inclusion or exclusion to fertilizers identification list;
- Market surveillance procedures and liability for violations of this law.



Requirements of fertilizers to the making available on the market

- To be added to the identification list;
- Packaged and labeled according to the requirements of the Minister of Economy and Innovation of the Republic of Lithuania;
- Safety Data Sheets, directions for use;
- Ammonium nitrate fertilisers of high nitrogen content have passed a test of resistance to detonation before fertilisers are placed on the market.



Requirements for the users of fertilizers (Inorganic fertiliser)

- The plants must be fertilized using the optimum application rates for fertilizer products, as recommended by scientific institutions, or by manufacturers, or according to a fertilization plans;
- Warehouses (premises) containing mineral (inorganic) fertilizers shall be constructed of non-combustible materials, closed, dry and ventilated. The floors must be above ground level and the wooden warehouse structures must be covered with fire resistant mixtures;
- packing mineral (inorganic) fertilizers can be stored in storage or protected from direct sunlight, atmospheric rainfall to prevent the packaging from stagnating and accumulating water;
- loose mineral (inorganic) fertilizers are stored only in the warehouse;



Requirements for the users of fertilizers (Inorganic fertiliser)

- ammonium nitrate fertilizers with a high nitrogen content ($N > 28\%$) are considered to be packaged only.
- the farmer using the mineral / inorganic fertilizer must keep a fertilizer usage log (supplement) at least twice in the current year in paper or electronic form: before 1 July and until December 31st.
- Empty packages of fertilizers, fertilizer residues must be disposed of in accordance with the requirements of the fertilizer product labels, the technical documentation and / or the legislation on waste management;



Requirements for the users of fertilizers (Manure and slurry)

- manure and / or slurry must be accumulated and / or stored so as to avoid contamination of surface water and groundwater;
- manure and / or slurry must be stored in barns, manure storage, slurry collectors and / or solid manure heaps near the barn. Solid manure can also be stored in piles outdoors;
- manure and slurry collectors, solid manure stacks must be of sufficient volume near the barn to accommodate the manure and / or slurry generated during a minimum of 6 months;
- the amount of nitrogen entering the soil (manure, slurry and grazing livestock) per calendar year must not exceed 170 kg per hectare.



Requirements for the users of fertilizers (Manure and slurry)

- spreading of manure and / or slurry is prohibited from 15 November until April 1, unless otherwise specified in a separate order of the Minister of Environment of the Republic of Lithuania and the Minister of Agriculture of the Republic of Lithuania, subject to specific spring and / or autumn hydrometeorological conditions. In all cases the spreading of manure and / or slurry on frozen, moist and snowy land is prohibited;
- spreading of manure and / or slurry is prohibited from 15 June until 1 August, except for the application of fallow land, grasslands, pastures and areas where winter crops are to be grown. An exception is made for the fertilization of maize crops if slurry and slurry are applied via slurry spreaders; in that case, the period of insurance shall begin on 10 July. until August 1st



Requirements for the users of fertilizers (Manure and slurry)

- Farmers applying manure or slurry on more than 30 hectares must have a fertilization plan in place;

The plan must state:

- maps of fertilized fields with marked surface water protection zones and coastal protection zones, sanitary protection zones of water areas, water collection facilities;
- fertilization calendar (months);
- soil monitoring or monitoring data for up to 3 years on nitrogen and phosphorus deposits in fertilized fields;
- manure and slurry intended to be used;
- estimated amount of crop required for plant nutrition (annual fertilization rate, single fertilization rate);

Control of fertilizers application in Lithuania

In 2019 Lithuania was planned 236 controls:

- 49 fertilizers distributors controls;
- 187 fertilizers users controls;

In 2020 will planned to do about 700 fertilizers controls.



Thank for your attention!