

# LOZOVA MACHINERY

for organic farming



*Make your money work!*

Recently more and more people are aimed at qualitative life and prefer natural products. But modern methods of production, application of synthetic fertilizers and aggressive protection methods can't provide enough clearness of the products.

LOZOVA MACHINERY offers a solution:



## AGRICULTURAL EQUIPMENT FOR ORGANIC FARMING

The "green" technology is based on:

- subsurface tillage which allow to save soil structure, to keep the moisture and stable temperature regime, creating conditions for soil biota activity;
- mechanical (not chemical) weed control;
- maximum soil aeration;
- incorporating of only organic fertilizers, destructors and stimulators (not chemical substances);
- even growing of plants which begins with qualitative seedbed preparation.

### **LIRA + REAL** spring tooth harrow and complex for application of liquid substances



Legendary "mechanical herbicide".

LIRA destroys the weeds in the "white thread" phase, and the vibration effect of spring teeth destroys the crust for moisture keeping, soil aeration and stimulation of the plants growing.

Application of bacteria, destructors of stubbles requires immediate incorporation, and using of the sprayer and spring harrow as separate implements creates a number of difficulties due to the difference of working speeds, working widths, and requires significant efforts from the tractor-drivers with indefinite result. In this case the ultimate solution is a complex LIRA+REAL. Using it, you can spray the useful substances and incorporate them in the soil at the same time. It saves the resources and provides productivity and quality of the work in combination with considerable working width.

### **DUCAT** compact disc harrow



In organic farming it is applied for preliminary soil tillage, moisture retaining and green manures incorporation.

It provides stable work on the specific depth with mulched effect achieved due to design features: system for following field contours, spring 3D tine and optimal disc work angles.

DUCAT is indispensable by high-speed tillage of stubble (possible work speed up to 1 km/h) and when using green manure crops.



## **DINAR** rotary harrow

DINAR rotary harrow is applied for overall and inter-row harrowing. The working tools provide maximum soil aeration, prevent raking of stubble remains and gentle work on sprouts.

DINAR destroys the crust after precipitation, provides soil crumbling and stimulates optimally growth of the crops at the same time. The high speed of work (up to 20 km/h) considerably increases the productivity.

## intensive stubble cultivator **SHILLING**

When transferring to organic farming it is necessary to use implements for chisel tillage. SHILLING intensive stubble cultivator is such implement in the range of LOZOVA MACHINERY.

The optimal shares working angles provide mixing at shallow depths, what makes the cultivator universal for stubble and primary cultivation.



## **CHERVONETS** seedbed cultivator

It is a universal implement performing a few operations of seedbed preparation in one pass, which not only saves time (especially in spring) and fuels, but also reduces a number of passes on the field in order to avoid overcompacting.

CHERVONETS creates perfect seedbed, what is especially important in the organic farming. In addition, due to simple adjustment CHERVONETS can work efficiently on any soils.

## heavy tooth harrow **LIRA XL**

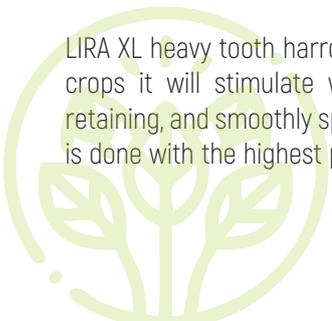
One of the most important operations in the organic farming is early-spring harrowing and loosening.

LIRA XL not only looses the soil at the depth of 2-10 cm, but also retains moisture, smoothes the field surface, prepares the soil for seeding and incorporates organic fertilizers.

LIRA XL heavy tooth harrow is used as harrowing alternative (after cereals crops it will stimulate weeds growing, destroy the crust for moisture retaining, and smoothly spread the stubble remains in one pass). Everything is done with the highest productivity of up to 25 ha/h.



More information about benefits of LOZOVA MACHINERY for conventional and organic farming you can find on the website [lozovamachinery.com](http://lozovamachinery.com)





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