

APPLICATION INSTRUCTION (for household use)

FITOTSYD®-r + LIPOSAM® 2 in 1 set for bioprotection of plants (II group)

DESCRIPTION. Fitotsyd®-r: light-brown or brown coloured liquid with slight specific smell; Liposam®: from light-grey to beige coloured gel.

COMPOSITION. Active agents: Fitotsyd®-r: viable cells of *Bacillus subtilis* producer totalling $(1-9) \times 10^9$ CFU/cm³; Liposam®: adhesive composition of natural biopolymers.

INTENDED USE:

- pre-planting seeds treatment of cereal, grain legumes and oil crops, vegetables, flowers, potato tubers and bulbs;
- soaking of vegetable, horticultural crops and tree seedlings roots;
- root and foliar nutrition during vegetation period.

Table - Consumption rates and application methods

Crop	Method of application			
	Pre-planting seeds treatment	Seedlings roots treatment prior to planting, 100 units	Root nutrition	Foliar sprinkling*
Vegetables: cabbage, cucumbers, tomatoes, peppers, aubergines, melons, water melons, marrows, etc. Beets, corn, grain legumes Flowers, lawn grass	1set*/0.5 litre of water	1set*/5 litres of water	1set*/10 litres of water	1set*/10 litres of water 3-4 times every 7-10 days
Potato (tubers), 100 kg Onion, garlic, 5 kg	1set*/5 litres of water	-		
Horticultural crops Fruit trees seedlings	-	1set*/10 litres of water		

*set: Fitotsyd®-r (15ml) + Liposam® (8ml)

PREPARING WORKING SOLUTION.

Fitotsyd®-r + Liposam® set is applied in a form of water solution. The preparation is dissolved gradually. First pour out the set contents into a tank, add water (in 1:1 proportion), stir up the mixture until getting uniform consistency. Then add the required volume of water specified in the table above.

The solution is to be used on the same day when prepared!

The seeds treatment and plants nutrition should be carried out avoiding direct sunlight in the morning or evening!

USING WORKING SOLUTION.

Pre-planting seeds treatment

The seeds are soaked in the working solution for 1.5-2 hours, soaked up and sowed immediately or dried in the shadowed place until they become bulky.

Onion, garlic, potato tubers, flower bulbs treatment

The planting stock is treated via spraying or soaking in the working solution for several hours. The solution can be used several times after the planting material soaking.

Seedlings treatment prior to planting

The plants' roots are dipped into the solution, the pot seedlings are sprayed.

Root nutrition

The nutrition is carried via root watering when planting the stock into the soil and then every 7-10 days using 1 litre of the working solution for 1 seedling or 1 m² of vegetable or horticultural plantations. Plants are watered, soil is mulched after the treatment.

Foliar sprinkling

The plants are sprayed with the working solution starting from sprouting and then during vegetation period 3-4 times every 7-10 days.

APPLICATION EFFECT:

Fitotsyd®-r:

- plants protection against a wide range of fungous and bacterial diseases;
- seeds germinating ability and capacity enhancement;
- immune system strengthening, growth and development promotion;
- acceleration and prolongation of blossoming phase, plants decorative appearance improvement.

Liposam®:

- fixation of Fitotsyd®-r on plants and seeds, application effect prolongation;
- nutrients supply process enhancement;
- seeds and plants protection against mechanical damage, over-drying, withering;
- moisture retention in the root system and foliage.

PRECAUTIONS:

Fitotsyd®-r and Liposam® are non-toxic for humans, animals and insects! Wash off the biopreparation if contacting skin or eyes.

STORAGE CONDITIONS:

The set is stored in hermetical package at 0 to 20 °C temperature.

Guaranteed storage life: 3 years from the production date.

Liposam®: Technical specifications of Ukraine 24.1-30165603-016:2007

Ukraine's state sanitary and epidemiological expert conclusion # 05.03.02-04/9210 as of 26/02/2007

Fitotsyd®-r: Technical specifications of Ukraine 24.1-30165603-017:2007

State registration certificate: series A # 03625

PRODUCER:

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