



Bio Si
кремниевые удобрения

**COMPLEX MINERAL
FERTILIZER OF A UNIVERSAL
ACTION SPECTRUM**

Domestic complex mineral fertilizer produced using unique technology, based on biologically active silicon, in a concentrated and easily digested form.

CONTAINS A BALANCED AMOUNT OF:



Nitrogen



Phosphorus



Silicon



Potassium

Se Ca Zn Mg



Nutrient
materials

ADVANTAGES



Positive impact on the growth

and development of plants,
resistance against biotic and
abiotic stresses



Nutrient absorption,

strengthening and
protection against
external stress factors



Increases protection:

chemical, thermal,
physiological, biochemical and
mechanical



Increases the fruit

yield and weight



Improves the quality

and appearance of the
resulting products



Reduces the accumulation

of nitrates and heavy metals



Improves

a slow metabolism



Stimulates the growth

of the photosynthetically
active leaf surface area



Optimizes the use

of additional nutrients at
high pH.

BIO-SILICIUM COMPLEX MINERAL FERTILIZER USE RECOMMENDATIONS

When using fertilizers in the grain growing technology, both spring and winter crops, the yield increases from 10 to 50% or even more, depending on the crop, soil and climatic and agrotechnical growing conditions, increases the winter hardiness of winter crops.

One of the main advantages of using BIO-SILICIUM is a significant and stable increase in the gluten content. Treatment reduces the infestation of barley crops with stinking smut and Helminthosporium blight.



WHEAT, BARLEY, RYE

Pre-sowing seed treatment:

together with disinfection with agrochemicals (winter - 100 g / ha, spring - 100 g / ha)

Spraying plants at tillering phase:

shooting stage (100 g / ha)

RICE

Pre-sowing seed treatment:

together with disinfection with agrochemicals (100 g / ha)

Spraying plants at tillering phase:

shooting stage (100 g / ha)

USE RECOMMENDATIONS

As a result of treatment, the seed germination energy and their germinating ability increases, the productive tilling capacity of plants, the length of the main and side panicles, the weight of 1000 grains improves. The yield increases by 30-70%, and the grain quality is significantly improved.

APPLE, PEACH, APRICOT, GRAPE

The use of a complex mineral fertilizer makes it possible to increase the yield of fruit crops up to 30%

01

Application upon plants moving out of the overwintering phase, when the first buds appear (spraying - 50 g / ha).

02

Application at the beginning of the flowering period- fruit ovaries (spraying - 50 g / ha)

03

Application during the active growth phase of the fruit (spraying - 50 g / ha)

It is recommended to combine with treatments with chemical crop protection agents, as well as foliar dressing of fertilizers, by adding to the spray material for spraying.

It can be applied to all types of fruit and berry crops.