

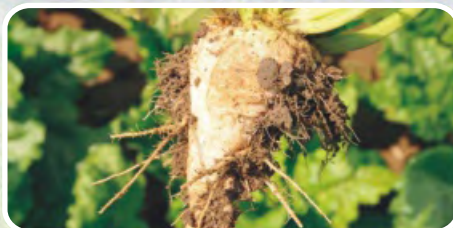


AZOFIX

accumulate nitrogen

**AZOFIX - microbiological preparation
for plants fertilizing and soil improvement**





AZOFIX WITH SUGAR BEET

Because that Azofix preparation acting through soil perhaps the greatest economic efficiency could be seen in sugar beets. Then the soil is friable its more easy for sugar beet sprout and grow. Nitrogen assimilate balance optimizes and other nutrients what determines higher yields.

Azofix influence sugar beet yield. Test in Aleksandro Stulginskio university test station, 2011.

Test options	Yield t ha ⁻¹	Difference comparing with control		Number of plants. thousands ha ⁻¹	Average weight of roots kg	Difference comparing with control	
		t ha ⁻¹	%			kg	kg
Control options (background NPK fertilizing)	66,17	-	100 %	85,1	0,777	-	-
Sprayed with Azofix 1 time	74,30	8,13	112,3	83,5	0,889	0,112	0,112
Sprayed with Azofix 2 times	75,46	9,29	114,0	84,8	0,889	0,112	0,112



Azofix sprayed on sugar beet four pairs of true leaves growth stage (17–18 BBCH), root yield significantly increased 8,13 t ha⁻¹ (12,3 %), compared with the control where the Azofix was not used. Sugar beet sprayed twice with Azofix (second time 5–6 pairs of true leaves growth stage ,21–22 BBCH), root yield statistically significantly increased 9,29 t ha⁻¹ (14 %), compared with the control.

Because that was used biological preparation Azofix root grew bigger. average root weight at harvest was 112 g higher than in control plots.

Azofix influence beetroots. Test in Aleksandro Stulginskio university test station, 2011.

Test options	Sugar content %	Difference comparing with control		White sugar amount t ha ⁻¹	Difference comparing with control	
		%	%		t ha ⁻¹	%
Control options (background NPK fertilizing)	16,65	-	100 %	8,18	-	100 %
Sprayed with Azofix 1 time	17,46	0,81	119,70	9,79	1,61	119,70
Sprayed with Azofix 2 times	17,64	0,99	123,20	10,08	1,90	123,20



On sugar beets sprayed Azofix root sugar content significantly increased 0,81–0,99 %, white sugar obtained 1,61–1,90 t ha⁻¹ (19,7 23,2 %) more, compared with the control where the Azofix was not used. More sugary roots grew when plants were sprayed two times with Azofix.

Test options	The yield t ha ⁻¹	Difference comparing with control		Sugar content %
		t ha ⁻¹	%	
Control option (selected farm with 1000 ha) growing technology	78	-	100 %	17,54
(selected farm with 1000 ha) growing technology + AZOFIX 2l/ha	87	9	111,54	17,29



Manufacturers

Dealers



Bioenergy LT
Klaipėdos str. 25-5, Panevėžys
Lithuania

Mobile +370 657 86421
E-mail info@bio-energy.lt