

# BIOAKTIV FarEast

## China: BioAktiv Increases Garlic Yields



*An abundant harvest after using BioAktiv for Plants*

A garlic field in Weishi County, Kaifeng City, Henan Province, China did a trial on the use of BioAktiv for Plants in 2014. The garlic field had an area of four mu<sup>1</sup>. The farmers sprayed two mu of the field with BioAktiv solution three and four months after planting, and did not treat the remaining two mu with BioAktiv. They harvested the field twice. The middle of April for garlic leaf sheaths and the end of May for garlic bulbs. The yields were as follows:

Produce	BioAktiv	Control	Difference
Garlic leaf sheaths (kg/mu)	850	470	380 kg/mu or 81% higher
Garlic bulbs (kg/mu)	3,800	3,100	700 kg/mu or 23% higher

The prices for garlic leaf sheaths and bulbs fluctuate greatly every day. But as the increases in yield were so high, the return for using BioAktiv would be high.

Garlic leaf sheaths had a much higher increase in yield of 81%, while garlic bulb had 23%. The lower increase in yield of garlic bulb was because after May, 1 the temperature dropped below that of the previous years. It retarded the growth of garlic bulbs and affected the yield, making it lower than the previous years' to certain extents. The garlic leaf sheath yields of other farmers were in the region of 2,000-3,000 kg/mu. The higher yield of garlic leaf sheaths was due to the suitable temperature and fertilisation, and the use of BioAktiv for Plants.

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<sup>1</sup> 1 hectare = 15 mu

Judging on average, the garlic bulbs from the test plot were larger than those from the control plot. They were also larger than those of the previous years. Due to the uneven sizes of the garlic bulbs, it was difficult to ascertain which plot had larger garlic bulbs, but it was obvious judging from the difference in yields.



*Left: The sheaths from the test groups in general were longer and thicker, another reason for the higher yield.  
Right: The garlic plants had very long roots.*



*Left: Roots of garlic plants from both groups looked not much different.  
Right: Despite the plants in the test plot were close to each other, the garlic bulbs still grew very big.*

[\[Original report \(Chinese\)\]](#)