

Trial Report Crop : WHEAT



Empower your crops with

 **farmcell**[®]
【 Bio Plant Stem Cell 】

Crop : Wheat
Planted Date : October, 2023
Weather : Sunny
Location : China. Jinan, Shandong
Land condition : Saline-alkali,
An exiting yield : 350-400 kg per mu.

Application Method:

- Dilution 1:500 Foliar spraying, well water
- No soaked seeds, no base fertilizer used, and the experimental area is 2.0 acres



Crop condition:

- frostbite after regreening;
- Wheat seedlings appear dry leaves, shrivel, and die.

1st application with Farmcell[®]

Date : March 25, 2024
Dilution : 1:500 well water
Method : Foliar spraying

2nd application with Farmcell[®]

Date : March 31, 2024
Dilution : 1:300 well water
Method : Foliar spraying



After using FARMCELL[®] twice, significant improvements were observed in the frostbitten wheat seedlings within ten days:

- The roots of the wheat seedlings were about 4-5 cm longer compared to those that were not treated with FARMCELL[®].
- The treated wheat seedlings also had a dark green color, indicating healthier and more vigorous growth.

This shows how FARMCELL[®] enhances the recovery and growth of plants even in adverse conditions like frost damage.

27-04-2024



Soil condition: Soil compaction, saline-alkali

On April 27, 2024,

Farmcell Gold Plus were used for the first time during the flowering period of wheat.

Dilution 1:300 foliar spraying, well water

26-05-2024



Note: The figure (left) shows wheat that has been used with Farmcell. The picture shows the wheat about 10 days before harvesting, and the frostbitten wheat was affected by natural disasters, and the resurrected straw was about 6-7 cm shorter than the uninjured wheat, and the ears were short.



26-05-2024



Photos taken on 10 days before the harvest

Grain comparison:

With Farmcell: is about 45-50 grains,

Without Farmcell: is about 30-35 grains.

Harvest Yield Comparison:

Yield BEFORE Farmcell:

350-420 kg per mu. (with chemical fertilizers)

Yield AFTER Farmcell:

560 kg per mu. (Only Farmcell)

The harvest yield increased by approximately 33% after using FARMCELL®.

