



Hessian Fly Resistant Wheat **Varieties**

Reduce wheat losses due to Hessian fly and increase yield

The Hessian Fly Resistant Wheat Varieties are specifically bred wheat plants with a natural ability to resist the Hessian fly, a destructive insect. Created through selective breeding, these varieties are developed to withstand larvae attacks, acting as a protective shield for the wheat.



Hessian fly adult (left) and larvae and damage to wheat (right)



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✓ This technology is <u>TAAT1 validated</u>.

8.8



Technology originally documented by

ProPAS

Commodities

Wheat

Problem

Gender assessment

The wheat production faces infestations by the Hessian fly and lead to substantial losses in many major wheat-producing areas, impacting crop yields.

Solution

Climate impact

- Hessian Fly Resistant Wheat Varieties provides a natural barrier against infestations.
- · These varieties significantly decrease damage caused by Hessian fly larvae, ensuring healthier

Sustainable Development Goals







Categories

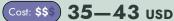
Production, Improved varieties, Insect resistance

Best used with

• Integrated Management of Insects, Diseases and Weeds in Wheat >

Key points to design your project

This technology enhances gender inclusion by improving nutrition and food security. To integrate it into your project, estimate seed costs, consider delivery expenses, and collaborate with local institutes and seed companies. Training, monitoring, and communication support are essential for successful implementation.



(ROI: **\$**\$\$

Seed needed per ha

105 usp

 \bigcirc IP

Protection of plants from pests

yield potential









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