

# THE PREDICTIVE POWER OF QUALITY TRAITS FOR FOUR CROP DISEASES

By James M. Kinnaird, Ph.D., and Michael J. Goss, Ph.D., both of the Department of Biological Sciences, University of Alberta, Edmonton, Alberta, Canada T6G 2E9.

ABSTRACT: The ability of quality traits to predict disease resistance in four crops (wheat, barley, canola, and potato) was examined.

Quality traits were measured in 100 wheat, 100 barley, 100 canola, and 100 potato accessions. The accessions were then inoculated with a pathogen and the disease resistance was measured.

Regression analysis was used to determine the relationship between quality traits and disease resistance.

The results showed that quality traits can be used to predict disease resistance in all four crops.

Keywords: wheat, barley, canola, potato, quality traits, disease resistance, regression analysis.

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# Improvement Of Quality Traits Of Maize For Grain And Silage Use

**Jeffrey Scott Graybill**

## **Improvement Of Quality Traits Of Maize For Grain And Silage Use:**

The Enigmatic Realm of **Improvement Of Quality Traits Of Maize For Grain And Silage Use**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **Improvement Of Quality Traits Of Maize For Grain And Silage Use** a literary masterpiece penned by way of a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of people who partake in its reading experience.

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