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WADE

HIGH TEST WEIGHT
AND
A HIGHER YIELDING
BARLEY

WADE A HIGHER YIELDING AND HIGH TEST WEIGHT BARLEY

Description

Wade is a barley variety developed by the North Carolina Agricultural Experiment Station. It is a selection from the cross Kenbar X Davie made by G. K. Middleton in 1953. Foundation seed became available in 1961 and the variety became available as certified seed (generation 1) in 1962. Certified seed can be produced from foundation seed or generation 1. Generation 2 (certified) is not eligible for recertification. There is no provision for a registered class of seed in this, or any other variety of barley.

Wade has been shown to have a high yield potential, good straw strength and a particularly high test weight. It is a six-rowed, short-awned winter barley of short to medium height. Additional combine adjustments are generally required for the complete removal of the short awns. Due to its excellent performance record, Wade is expected to occupy the major portion of the North Carolina barley acreage.

Official Variety Test

1960 — FOUR YEAR AVERAGE — 1963

Variety	Piedmont		Coastal Plain	
	bu/A	lb/bu	bu/A	lb/bu
Wade	43.5	44.6	43.7	42.8
Davie	43.8	40.2	38.6	39.1
Colonial 2	47.7	39.4	43.2	38.8

Performance

The data given in the table above represent 4-year averages from 1960-63 showing bushels per acre and pounds per bushel for the three leading varieties. In these comparisons including both Piedmont and Coastal Plain data, Wade has produced sufficiently higher test weights than the other two varieties while maintaining high yields. The Piedmont test averages were obtained from 13 locations while the data from the Coastal Plain represents an average of 12 locations.

The overall performance record of Wade in the Uniform Southern Winter Barley Nursery in 11 southeastern states for 3 years has been outstanding.

THREE-YEAR AVERAGE 1960-62

Variety	bu/A	lb/bu	% lodging
Wade	60.0	46.0	11.4
Davie	54.4	43.0	25.6
Colonial 2	60.7	42.8	28.2

Disease Resistance

Wade has poor resistance to loose smut and mildew, fair resistance to scald, and excellent resistance to rust. Winter hardiness is listed as fair. The variety's three strong points are excellent: resistance to lodging, high yields, and high test weight.