



TACNA

DURUM WHEAT

Tacna is a very early durum wheat with very high protein.

AGRONOMIC DATA

YIELD POTENTIAL	:	Good
TEST WEIGHT	:	Good
YIELD STABILITY	:	Good
LODGING RESISTENCE	:	Good
PLANT HEIGHT	:	Semi-dwarf - Medium
UNIFORMITY	:	Good
BLACK POINT	:	Susceptible
AWN COLOR	:	White
RELATIVE MATURITY	:	V. Early - 4 days earlier than WestBred 881

QUALITY

% PROTEIN	:	Excellent 13.5% - 15%
HVAC	:	Excellent
GLUTEN STRENGTH	:	Excellent
SEMOLINA COLOR	:	V. Good/Excellent

MANAGEMENT GUIDELINES

PLANTING DATE:	Nov. 15 - Feb. 1
PLANTING RATE:	120 -200 pounds per acre. Use increasing seeding rates as the planting season progresses.
SEED TREATMENT:	Vitavax® 200 + PCNB Negative Karnal Bunt Test

FERTILITY: Nitrogen fertilizer rates must be adequate for both yield and protein. Maximum yields can be obtained with less nitrogen than is necessary for adequate grain protein. 40 pounds of available nitrogen per 1000 pounds of expected yield is necessary to consistently obtain grain protein above 13%. The nitrogen can come from the soil, water and fertilizer. 1/3 to 1/2 of the nitrogen should be applied at planting with the rest applied at each subsequent irrigation on a predetermined schedule between planting and flowering. Nitrogen applications through the boot stage affect both yield and protein while applications between boot and flowering affect protein. 30 pounds of nitrogen per acre at flowering can increase protein up to 1%. This nitrogen recommendation assumes that other nutrients such as phosphorus and sulfur are available in adequate amounts. Soil and plant tissue tests should be used to help guide your nutrient applications.

AREA OF ADAPTATION: The desert durum area in Arizona and California.