

# GRANT COUNTY WAREHOUSE and STORAGE

Route 3, Box 291A  
Moses Lake, Washington 98837  
(509) 765-6281

KP  
for your  
info

Variety-Tammy, is a hard red spring wheat variety. Tammy is known under the experimental designation of MP-325. It is the latest variety developed and released by World Seeds, Inc. Tammy was developed by crossing a low protein; high yielding European variety with a low yielding; high protein red spring wheat variety.

Tammy is a bearded variety. The heads or spikes are white and the plant is semi-dwarf with one main factor (gene) for short stature.

Tammy is midseason or intermediate in maturity; resistant to shattering and the stems are very strong. Tammy has excellent resistance to lodging. These characteristics combine to give Tammy an excellent tolerance to hail damage.

Tammy has a very strong root system; excellent tillering capacity and very good drought tolerance.

With proper irrigation and a balanced fertility program; Tammy has the potential of yielding 100+ bu/A.

Tammy is resistant to leaf rust and to most strains of stem rust and is moderately resistant to powdery mildew.

Tammy can be planted under dryland or irrigated farming practices. Seeding rates are directly related to the availability of moisture.

Dryland 50-75 pounds per acre  
irrigated 90-120 pounds per acre

The tillering capacity diminishes with late planting. Higher seeding rates are strongly recommended when planting Tammy late.

Fertilizer row placement is preferred over broad cast application. Make sure there is 1.5 pounds of nitrogen available per bushel of wheat to be produced. Adequate levels of potash are necessary for maximum production. Foliar application has been successful; early applications give the best results.

Row spacing-when planting 90+ pounds of seed; narrow row spacing is preferred (6" to 8"). At lower seeding rates row spacing is not as critical. Narrow row spacing promotes tillering.

Planting time is the single most important factor in determining the success of a spring wheat crop. It is extremely important that Tammy be seeded as early as possible, preferably before March 15th. The concern is to prevent Tammy from exposure to an early hot summer. Tammy has good tolerance to heat but yields and test weight are affected if the crop is exposed to hot

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winds and high temperatures during and after the flowering stage.

Tammy is very susceptible to water stress during flowering. It is important to maintain good shallow moisture levels throughout the growing season.

1. Don't stop an irrigation cycle because of rain.
2. Don't irrigate just before or during a windstorm. Keep informed about the weather and plan your irrigation accordingly.
3. Don't apply the last irrigation too early or too late. The plant is ripe when the neck or lower stem of the head turns lemon color. Irrigating at this stage may cause heavy lodging.

A crop growing under normal fertility and moisture levels should start ripening from the top; not the bottom. A crop where the foliage is ripening while the heads are still green is under stress.

Tammy is a high protein variety (13.5-15.0%) with excellent milling and baking properties. Tammy has a high water absorption characteristic, too.

Saint Thomas, North Dakota 58276  
Phone: 701/257-6708



MAR 10 1987 RECEIVED

March 6, 1987

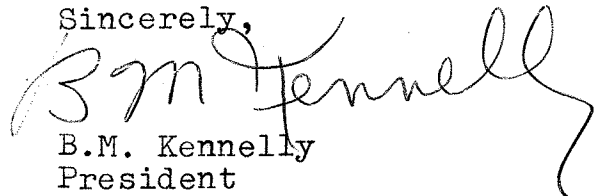
Robert Thompson  
Keith Pfeifer  
Wash. State Crop Improvement Ass'n, Inc.  
513 North Front Street  
Yakima, Washington 98901 2379

Dear Sirs,

Re: Red Spring Wheat Variety "Tammy"

According to our plant breeder this variety may  
show up to 12 kernals of white wheat per pound.

Sincerely,



B.M. Kennelly  
President  
World Seeds, Inc.

bg/BK  
pc: Tim Kenny