

## EXHIBIT A

### ORIGIN AND BREEDING HISTORY OF BRAVADUR

'Bravadur' (D5171-1) was derived by Farmers Marketing Corporation from a F<sub>2</sub> head selection made in a genetic male sterile facilitated recurrent selection population. The population was developed by The University of Arizona and released as AZ-MSFRS-86 Quality Enhanced Spring Durum Wheat Germplasm. Seed from a single plant from the F<sub>3</sub> headrow was increased in El Centro, California in 1986 and seeded at Yuma, Arizona in 1987. Fifteen individual heads were harvested and planted in individual rows at Post Falls, Idaho, the Summer of 1987. Eleven seemed uniform and similar and were bulked to form the basis of D5171-1. The bulk (F<sub>7</sub>) was grown for increase at Yuma in 1988. As male sterility and other segregation seemed to occur, forty-eight heads were snapped and grown in separate rows at Yuma in 1989. Thirty-one of the rows were bulked and increased at Mt. Vernon, Washington in the Summer of 1989 to form the present designated breeder seed for foundation seed production.

Bravadur was head rowed for purity and to supplement breeder seed in Spring of 1992 at Maricopa, AZ. D5171-1 is uniform and stable. No variant plants were identified. Although no male sterile plants were identified, seed set on unidentified male steriles, and further segregation may result in limited (.001%) genetic male sterility.