

BARLEY (*Hordeum vulgare*)
Net blotch; *Dreschslera teres*

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Evaluation of barley varieties for resistance to net blotch, 2003.

The plots were located in New Castle county near Middletown, DE and in Sussex county at the Research and Education Center near Georgetown, DE. The plots were arranged in a randomized complete block design with four replications. Seedings were made into weed-free, conventionally tilled ground. The barley was planted Oct 23, 2002 in Middletown and Oct 24, 2002 in Georgetown. The major disease present was net blotch (*Pyrenophora teres*) at the Newark location and the spot blotch form of net blotch in Georgetown.. The Middletown plots were rated on May 29 at the watery ripe to mealy ripe stage of development and June 3 at Georgetown at the mealy ripe stage of development.

Brand	Variety	Net blotch rating*	
		Middletown	Georgetown
Public	Price	6	6.5 f**
Public	Thoroughbred	2	5.3 cd
Public	Doyce (hulless)	2	4.5 ab
Public	Callao	2	5.8 de
Public	Nomini	2	4.3 a
Public	Pennco	3	5.3 cd
Public	Catch Penny	2	6.3 ef
Public	Pennbar 66	2	5.0 bc
Experimental	PA 8649-95	2	4.5 ab
Experimental	VA 99B-303	2	-
Experimental	VA 98B-208	2	-
Experimental	SC 880-248	2	-
Experimental	TX 00D633	3	-

* Net blotch rating. 1-9 = increasing levels of leaf spotting throughout the canopy.

** Means within a column followed by the same letter are not significantly different, Duncan-Waller *k*-ratio *t* test, *k*=100.