

**Table 1: Agronomic data (mean of 4 reps) on DE3, DE4, DE5, and check inbreds evaluated at Newark, DE in 2001 and European corn borer evaluations 2000-2001 at DE and NY**

Inbred	<sup>1</sup> Days to midsilk	Days to midpollen	<sup>2</sup> Plant height cm	<sup>3</sup> Ear height cm	<sup>4</sup> Ear length cm	<sup>5</sup> Kernel row No.	European corn borer					
							<sup>6</sup> First brood leaf feeding (1-9 scale)			<sup>7</sup> Second brood tunnel length below the ear (cm)		
							2000 DE	2001 DE	2001 NY	2000 DE	2001 DE	2001 NY
DE3	71.3	71.8	181.6	63.5	14.8	15.8	-	5.3	-	-	9.0	-
DE4	72.5	73.0	217.6	68.8	16.4	14.7	-	4.9	-	-	18.3	-
DE5	73.0	72.5	261.6	91.4	13.7	18.5	2.0	2.1	1.7	6.2	13.4	4.2
B73Ht	72.0	70.8	224.0	89.0	14.2	17.4	8.7	6.8	5.0	24.8	44.7	9.2
M017Ht	74.8	71.5	222.2	76.0	17.3	11.0	-	-	-	-	-	-
DE811	-	-	-	-	-	-	3.8	4.0	3.5	5.1	17.3	1.5
LSD (0.05)	2.0	2.3	8.8	7.2	1.0	1.0	0.5	0.8	1.2	4.9	7.3	4.4

1 Planting date 5/16/01.

2 Plant height measured from ground level to tip of tassel in cm.

3 Ear height measured from ground level to the base of the ear node from which the top ear develops in cm.

4 Length of ear at 12% moisture measured from butt to tip in cm.

5 Number of kernel rows.

6 Plants were inoculated for five consecutive days with 30-50 first instar larvae mixed with corn cob grits at the whorl stage at Newark, DE (4 reps) and with 20 larvae twice at Ithaca, NY (Cornell University 3 reps). Plants were evaluated for leaf feeding damage on a 1-9 scale where 1=no visible injury, 9=extensive damage to the leaf tissue (W.D. Guthrie, et. al, 1960).

7 Plants were inoculated for five consecutive days at flowering with 30-50 first instar larvae mixed with corn cob grits at Newark, DE (4 reps) and with 20 larvae twice at Ithaca, NY (3 reps). Stalks were split and tunnel length below the ear was measured in centimeters.