

**Table 17.** Emergence of commercial sugarbeet varieties at the Dean Bingham farm, Jerome, Idaho, 2003<sup>1</sup>.

	5-May 14 DAP <sup>2</sup> (%)	10-May 19 DAP (%)	14-May 23 DAP (%)	19-May 28 DAP (%)	Final Emergence Four Locations <sup>3</sup> (%)	Doubles <sup>4</sup> (%)
<b>ACH Seeds</b>						
Mustang	12.3	60.0	72.5	80.3	84.8	3.8
Crystal 217 R	16.5	68.0	77.8	80.0	83.0	1.5
Crystal 9906 R	9.0	59.0	74.5	78.8	84.8	7.6
<b>Betaseed</b>						
Beta 4035 R	4.8	50.3	68.0	72.5	73.9	0.9
Beta 4199 R	14.0	53.0	65.3	68.5	80.2	2.1
Beta 4490 R	17.0	62.3	77.5	82.8	83.3	4.0
Beta 4773 R	8.0	55.5	66.5	70.8	78.4	0.4
Beta 8220B	12.0	61.8	71.0	79.3	91.2	21.3
Beta 8348	7.3	67.0	78.0	79.3	83.1	0.4
Beta 8600	7.5	51.3	70.5	76.5	87.8	11.2
Beta 8859	11.5	66.5	77.3	84.0	89.1	13.5
<b>Hilleshog/Syngenta</b>						
HM Oasis	8.0	63.0	78.0	84.5	84.3	0.3
HM Owyhee	7.0	60.3	72.0	76.0	83.0	4.2
HM PM21	11.5	55.3	69.3	74.3	73.5	0.5
HM 1642	7.0	52.5	63.5	68.8	77.6	0.0
HM 2980 Rz	10.3	50.5	67.0	72.8	77.7	2.8
HM 2984 Rz	12.3	67.8	78.5	80.5	87.3	2.7
HM 2986 Rz	7.8	64.3	82.5	85.8	83.8	1.4
<b>Holly Hybrids-Spreckels</b>						
Acclaim Rz	7.3	49.0	66.3	79.8	80.4	0.4
Eagle Rz	3.8	44.0	62.0	70.0	76.7	0.4
Phoenix Rz	9.0	47.0	59.3	69.0	71.6	0.8
HH 120	8.0	41.5	51.3	55.3	61.4	0.5
HH 125	10.3	51.3	62.0	66.3	68.6	0.9
<b>Seedex</b>						
Cascade	10.5	61.0	75.5	78.3	83.9	0.7
Orbit	5.0	36.3	48.8	54.8	62.3	0.0
Puma	9.3	54.5	71.8	78.0	80.0	1.1
Raptor Rz	4.0	37.0	60.0	64.5	64.1	0.0
LSD (0.05)	5.9	12.0	12.9	15.5	6.2	
LSD (0.10)	4.9	10.1	10.8	12.9	5.2	
CV (%)	45.0	15.5	13.3	14.8	11.3	
Pr>F	0.0005	0.0001	0.0001	0.0055	0.0001	

<sup>1</sup> Planted April 21, 2003 next to the Jerome Experimental Variety Trial; Plots were single row, 25 feet long. Data are the means of four replications, 100 seed/ replication.

<sup>2</sup> Days After Planting

<sup>3</sup> The four locations are the Aberdeen, Jerome, Minidoka, and Nampa Variety Trial sites.

<sup>4</sup> Percent doubles were determined using three replications of 100 seed each in laboratory germination tests. The same seedlots were subsampled for the field and laboratory tests. Percent doubles = [(# doubles)/(total # seed germinated)] x 100

When comparing two varieties, the values must differ by a value equal to or greater than the LSD (0.05) given at the bottom of each column to be considered significantly different in this test.