

Table 16. Emergence of commercial sugarbeet varieties at the Aberdeen Research and Extension Center, Aberdeen, Idaho. 2003¹.

	23-Apr 14 DAP ² (%)	28-Apr 19 DAP (%)	2-May 23 DAP (%)	8-May 29 DAP (%)	Final Emergence Four Locations ³ (%)	Doubles ⁴ (%)
ACH Seeds						
Mustang	20.8	64.3	74.5	82.5	84.8	3.8
Crystal 217 R	20.8	64.8	70.5	79.5	83.0	1.5
Crystal 9906 R	27.0	62.5	70.5	82.3	84.8	7.6
Betaseed						
Beta 4035 R	11.0	53.0	73.0	76.8	73.9	0.9
Beta 4199 R	22.3	56.3	73.0	78.5	80.2	2.1
Beta 4490 R	22.8	62.5	76.0	84.3	83.3	4.0
Beta 4773 R	17.3	52.8	72.3	75.3	78.4	0.4
Beta 8220B	20.5	66.5	79.0	92.8	91.2	21.3
Beta 8348	18.8	65.3	76.8	83.8	83.1	0.4
Beta 8600	15.3	57.3	71.0	83.3	87.8	11.2
Beta 8859	16.3	63.3	70.8	77.5	89.1	13.5
Hilleshog/Syngenta						
HM Oasis	13.3	57.8	72.8	81.8	84.3	0.3
HM Owyhee	17.8	59.3	77.3	82.0	83.0	4.2
HM PM21	8.5	44.5	67.3	74.5	73.5	0.5
HM 1642	11.3	53.3	63.3	76.3	77.6	0.0
HM 2980 Rz	13.5	49.5	63.0	72.0	77.7	2.8
HM 2984 Rz	14.5	69.8	87.0	91.3	87.3	2.7
HM 2986 Rz	11.5	50.8	72.5	80.3	83.8	1.4
Holly Hybrids-Spreckels						
Acclaim Rz	10.3	44.8	64.5	78.0	80.4	0.4
Eagle Rz	12.0	40.3	51.8	68.3	76.7	0.4
Phoenix Rz	10.0	36.3	61.3	67.0	71.6	0.8
HH 120	13.5	37.3	48.3	57.0	61.4	0.5
HH 125	27.8	53.8	57.0	63.8	68.6	0.9
Seedex						
Cascade	19.0	60.0	74.8	84.3	83.9	0.7
Orbit	8.5	34.3	46.3	59.3	62.3	0.0
Puma	9.5	56.8	67.5	78.8	80.0	1.1
Raptor Rz	6.0	37.3	48.8	56.5	64.1	0.0
LSD (0.05)	12.0	15.9	13.5	12.2	6.2	
LSD (0.10)	10.0	13.3	11.3	10.2	5.2	
CV (%)	54.7	21.0	14.2	11.3	11.3	
Pr>F	0.0227	0.0001	0.0001	0.0001	0.0001	

¹ Planted April 9, 2003 next to the Aberdeen Experimental Variety Trial; Plots were single row, 25 feet long. Data are the means of four replications, 100 seed/ replication.

² Days After Planting

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

⁴ 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.