Table 1. Root malate and phosphate exudation rates (pmoles/root/h) of six maize genotypes exposed to different Al^{3+} activities. Exudation collections were performed a two different 24 hour period intervals (Day 1-2 and Day 3-4). Genotypes have been sorted from left to right in order of decreasing Al-resistance. The values are the mean of six replicates ± the standard error of the mean (SEM).

I----------Decreasing Al resistance----------->

Time Interval	Al^{3+} Activty (μM)	Cateto-Colombia	Pioneer 3355	Mo17	B73	L53	11x726
Day 1-2	0	223 ± 18	144 ± 18	576 ± 199	76 ± 30	160 ± 27	135 ± 50
	5	95 ± 11	203 ± 73	317 ± 35	321 ± 123	114 ± 29	145 ± 16
	10	191 ± 35	255 ± 29	341 ± 77	185 ± 17	114 ± 30	154 ± 40
	20	346 ± 34	281 ± 67	198 ± 23	239 ± 18	358 ± 117	287 ± 226
	40	401 ± 79	271 ± 54	282 ± 90	340 ± 59	255 ± 73	271 ± 72
	80	205 ± 76	350 ± 180	516 ± 349	516 ± 215	381 ± 91	413 ± 98
Day 3-4	0	348 ± 113	414 ± 166	855 ± 146	162 ± 28	247 ± 44	157 ± 20
	5	188 ± 23	813 ± 436	566 ± 193	162 ± 54	274 ± 66	272 ± 75
	10	562 ± 267	178 ± 27	254 ± 55	311 ± 43	224 ± 33	116 ± 12
	20	141 ± 48	286 ± 27	322 ± 130	168 ± 50	329 ± 127	346 ± 75
	40	294 ± 78	467 ± 139	178 ± 16	256 ± 46	129 ± 15	252 ± 50
	80	241 ± 54	217 ± 40	525 ±223	280 ± 55	256 ± 64	189 ± 23

Table 2. Root malate and phosphate content (μmoles/g FW) of six maize genotypes exposed to different Al^{3+} activities. The values are the mean of six replicates ± the standard error of the mean (SEM).

Al^{3+} Activty (μM)	Cateto-Colombia	Pioneer 3355	Mo17	B73	L53	11x726
0	9.1 ± 1.3	11.6 ± 0.7	8.2 ± 1.0	4.5 ± 0.7	3.3 ± 0.5	6.7 ± 0.4
5	6.2 ± 1.2	9.9 ± 0.5	7.6 ± 0.4	3.4 ± 0.1	3.1 ± 0.5	6.1 ± 0.2
10	5.9 ± 0.8	7.8 ± 2.8	6.8 ± 0.7	4.7 ± 1.1	3.7 ± 0.4	7.5 ± 1.9
20	6.4 ± 1.3	8.9 ± 0.3	8.5 ± 0.9	4.9 ± 0.5	4.3 ± 0.7	4.2 ± 0.2
30	5.6 ± 2.1	7.2 ± 0.3	9.1 ± 0.2	5.7 ± 0.1	4.1 ± 0.3	4.2 ± 0.4
40	4.0 ± 0.4	11.0 ± 0.8	9.4 ± 0.4	8.4 ± 0.7	5.8 ± 0.6	6.7 ± 0.3