

Table 7 Analysis on genetic stability of mutant traits in M₄ induced by colchicines

Mutant trait	Lines in M ₄	Lines of stable trait in M ₄	Lines of unstable trait in M ₄	Lines of segregative trait in M ₄	Percentage of stable trait lines
Definite growth	59	36	-	23	61.10%
Light-green leaf	8	6	1	1	75.00%
New leaf yellowing	5	1	1	3	20.00%
Sword leaf	19	14	1	3	73.68%
Kidney leaf	27	21	-	6	77.78%
Small heart-shaped leaf	18	12	-	6	66.67%
Glave kidney leaf	7	2	2	3	28.57%
Higher plant	10	10	-	-	100.00%
Tight type	5	2	2	1	40.00%
Excessive branches	3	2	1	-	66.67%
Sprawl mutant	3	3	-	-	
Early mature	9	6	3	-	66.67%
Late mature	9	4	4	1	44.44%
Black pod	15	10	-	4	66.67%
Yellow-white seed	1	1	-	-	100.00%
Light red seed	17	11	4	2	64.71%
large-sized seed	3	1	2	-	33.33%
Total	208	142			