

Table 12: Summary of germination of seeds obtained from different pollination experiments in *Alternanthera* species.

GERMINATION	<i>A. sessilis</i> (red leaf form)					
	Pollination experiment: Open pollination			Self pollination (bagged inflorescence)		
	Mean	Range	N	Mean	Range	N
Seed germination (%)	81.00 ± 19.97	40.00–100.00	100 from 20 inflorescences	51.33 ± 32.83	10.00–80.00	41 samples from 4 inflorescence
Incubation period (days)		2–7	73 samples from 20 inflorescences		4–65	12 samples from 4 inflorescences
Height of first seedling (cm)	1.25 ± 0.20	0.80–2.40	52 samples from 17 inflorescences	1.49 ± 0.47	0.90–2.40	11 samples from 4 inflorescences
Germination to emergence of cotyledons (days)		2–5	78 samples from 20 inflorescences		1–5	12 samples from 4 inflorescences
Type of germination	epigeal			epigeal		

Table 12: Continued.

GERMINATION	<i>A. sessilis</i> (green leaf form)					
	Open pollination			Self pollination (bagged inflorescence)		
	Mean	Range	N	Mean	Range	N
Seed germination (%)	75.56 ± 26.10	20.00–100.00	90 samples from 15 inflorescences	76.92 ± 20.87	42.86–100.00	93 from 12 inflorescences
Incubation period (days)		3–10	38 from 15 inflorescences		3–35	29 samples from 12 inflorescences
Height of first seedling (cm)	1.74 ± 0.20	1.10–2.90	46 samples from 13 inflorescences	2.06 ± 0.42	1.00–3.53	20 samples from 6 inflorescences
Germination to emergence of cotyledons (days)		1–5	41 samples from 15 inflorescences		1–5	30 samples from 12 inflorescences
Type of germination	epigeal			epigeal		

Table 12: Continued.

	<i>A. sessilis</i>			<i>A. brasiliana</i> (parent plants)		
GERMINATION	Cross pollination (xenogamy) stigma of red leaf form pollinated with pollen grains of green leaf form			Open pollination		
	Mean	Range	N	Mean	Range	N
Seed germination (%)	31.25 ± 23.94	0.00–50.00	10 samples from 4 inflorescences	46.67 ± 18.26	33.33–66.67	19 samples from 5 inflorescences
Incubation period (days)		8–64	4 samples from 4 inflorescences		2–25	9 samples from 5 inflorescences
Height of first seedling (cm)	1.53 ± 0.47	1.00–2.40	4 samples from 4 inflorescences	1.58 ± 0.22	1.30–1.80	6 samples from 5 inflorescences
Germination to emergence of cotyledons (days)		2–9	4 samples from 4 inflorescences		2–4	9 samples from 5 inflorescences
Type of germination	epigeal			epigeal		

Table 12: Continued.

GERMINATION	<i>A. brasiliana</i> (offsprings)					
	Open pollination			Self pollination (bagged inflorescence)		
	Mean	Range	N	Mean	Range	N
Seed germination (%)	76.67 ± 13.69	66.67–100.00	17 samples from 5 inflorescences	75.23 ± 24.14	33.33–100.00	61 samples from 11 inflorescences
Incubation period (days)		9–26	17 samples from 5 inflorescences		3–25	25 samples from 11 inflorescences
Height of first seedling (cm)	1.20 ± 0.28	0.80– 1.70	8 samples from 3 inflorescences	1.79 ± 0.65	0.90–3.00	17 samples from 7 inflorescences
Germination to emergence of cotyledons (days)		1–3	8 samples from 3 inflorescences		1–5	30 samples from 7 samples
Type of germination	epigeal			epigeal		