Species: POSE
Temp range: 5-25oC
DayHr: 12
Date 7-5-25
Name MH

PI: Martyn
Project: SA Species

SA Levels/Codes
Control = C 0.5mM = L (low)
Water = W 1.0mM = H (high)

	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	9/5W	9/5W	9/5L	9/4L	9/2W	9/5W	9/5L	0L	0W	7/2W	9/5L	7/4L	9/5W	0W	9/5L		9/5W	9/5W	9/5L		9/4W	9/4W	9/5L		9/3W	9/5W	9/5L	0L
1	0W	1W	7/2L	9/5L	0W	9/5W	9/5L	9/5L	0W	9/5W	9/5L	0L	0W	9/5W			9/5W	0W			0W	9/5W			7/4W	9/5W	9/5L	9/5L
2	9/5C	9/5C	9/3H	9/4H	9/5C	9/5C	9/4H	0H	9/5C		9/5H	0H	9/5C	0C	9/5H		9/5C		9/5H	9/5H	9/5C		9/5H	9/5H	0C	9/5C	0H	9/5H
2	9/4	9/5C	9/5H	9/4H	9/4C	9/5C	9/5H	7/3H			0H	9/5H	2C	~~2~~C					7/3H	7/3H			9/5H	9/5H	9/5C	0C	9/5H	0H
3	7/2W	9/5W	0L	0L	9/5W	9/4W	9/5L	9/5L	9/5W	9/5W	9/5L	9/4L	0W	9/5W	9/5L		7/3W	9/5W	9/5L	9/3L	9/5W		9/5L		9/5W	0W	9/5L	0L
3	0W	2W	9/5L	7/4L	9/5W	9/5W	1L	9/5L	0W	9/5W	2L	7/2L	9/5W				8/5W	0W	9/5L	9/5L					9/5W			9/5L
4	9/5C		9/5H	0H	9/5C		7/2H	9/5H	9/5C		9/5H	9/5H	9/5C		0H	7/2H	9/5C		0H	9/5H	9/5C	7/5C	9/5H		9/5C		9/5H	
4			0H	9/5H			9/5H	0H			9/3H	7/2H			8/4H	9/5H			9/3H	9/5H	9/5C	7/5C						
5	2W	7/4W	8/2L	8/2L	9/5W		9/5L		9/4W	9/5W	9/5L		6/3W	0W	9/5L		0W	0W	9/5L	0L	9/5W		0L	9/5L	9/5W	7/3W	0L	9/5L
5	7/3W	9/5W	8/3L	9/5L					9/5W	9/5W			0W	0W			2W	7/5W	0L	9/5L			9/5L	9/5L	0W	9/5	9/5L	9/5L
6	7/3C	8/4C	9/5H	2H	9/5	7/2C	0H	9/5H	8/3C	9/5C	9/2H	6/2H	9/5C		8/4H	9/5H	9/5C	9/5C	9/5H		9/5	9/5C	9/5H		0C	9/5C	9/5H	9/5H
6	9/3C	9/3C	9/5H	7/3H	C	9/5C	9/4H	9/5H	8/5C	0C	9/5H	9/5H			9/5H	9/5H	7/3C	2C			C	0C			9/5C	9/5C	9/5H	0H
7	0W	0W	0L	9/2L	9/5W	9/5W	0L	0L	9/2W	7/5W	9/4L	9/5L	9/5W	9/2W	7/5L	9/5L	0W	9/5	9/5L		9/5W		9/5L		9/5W	9/5W	9/5L	9/5L
7	0W	8/4W	8/5L	7/4L	0W	9/5W	9/5L	9/5L	0W	9/5W	9/5L	7/4L	9/5W	7/2W	9/4L	9/5L	9/5W	9/3W							9/5W	9/4W	9/5L	9/5L
8	9/5C	9/5C	0H	0H	7/2C	1C	0H	7/2H	9/5	C	9/5	H	0C	9/5C	9/5	9/5H	8/5C	9/5C	1H	9/3H	9/5C		9/2H	9/5H	9/5C	9/3C	9/5H	0H
8	1C	9/5C	9/3H	8/4H	1C	7/3C	7/2H	8/4H	9/4C	9/5C	9/5H	1H	9/5	C	H	0H	9/5C	9/5C	9/5H	9/5H			9/5H	2H	9/3C	0C	9/5H	9/5H
9	7/3W	2W	7/4L	7/3L	8/4W	7/3W	9/5L	7/5L	9/4W	9/4W	0L	9/5L	0W	8/5W	7/5L	7/5L	0W	8/5W	9/5L		9/5W	9/5W	9/5L		9/5	0W	9/5L	
9	6/2W	0W	2L	0L	7/4W	7/4W	9/5L	7/5L	9/5W	9/5W	9/5L	8/3L	7/3W	9/5W	7/4L	7/2L	9/5W	9/5W			7/3W	9/5W			W	9/5W		
10	8/4C	4/2C	7/2H	7/2H	9/5C		9/4H	9/5H	9/5C	9/5	6/2H	9/5H	9/5C		9/5H	9/5H	9/5C		9/5H	1H	9/2C	9/5C	9/2H	9/2H	9/5C	9/5C	9/5H	
10	7/2C	8/4C	0H	7/2H			7/4H	9/4H	9/4C	C	9/3H	9/4H			0H	9/5H			9/5H	1H	9/5C	9/5C	9/4H	9/4H	9/3C	9/5C		
11	0W	7/2W	6/2L	7/5L	7/3W	0W	7/3L	2/4L	8/4W	9/5W	8/2L	0L	9/5W	8/4W	0L	7/5L	9/4W	0W	9/5	7/4L	9/5	9/5W	8/5L	7/2L	0W	9/5W	9/5L	
11	7/3W	8/5W	7/3L	6/2L	7/3W	6/2W	6/4L	6/2L	8/4W	8/5W	7/2L	7/3L	0W	7/4W	2L	7/5L	8/5W	8/4W	L	0L	W	7/3W	7/3L	9/5L	9/5W	9/4W		
12	7/2C	7/3C	0H	7/2H	8/3C	8/3C	7/3H	7/2H	8/3C	8/4C	0H	4/5H	7/2C	9/3C	9/5H	8/5H	9/5C	9/5C	9/5H	9/5H	9/5C		9/5	9/5H	9/5C	1C	9/5H	0H
12	7/4C	7/2C	7/2	0H	8/5C	8/4C	7/5H	7/2H	0C	9/4C	5/2H	9/2H	9/5C	0C	9/2H	9/2H	9/5C	9/5C	7/5H	0H			H	7/2H	9/5C	9/5C	9/5H	0H
13	0W	0W	2L	0L	0W	2W	7/2L		0W	7/2W	9/3L	7/5L	6/2W	1W	0L	7/5L	7/2W	8/4W	9/2L	9/5L	8/4W	8/4W	9/5L	9/3L	9/5W	9/3W	9/5L	0L
13	2W	2W	0L	2L	0W	8/2W			8/5W	0W	7/5L	9/2L	9/2W	2W	9/5L	0L	9/5W	9/5W	8/5L	8/5L	9/5W	7/5W	2L	7/3L	9/5W	7/3W	2L	9/5L
14	0C	0C	2H	0H	0C	7/3C	8/2H	9/2H	7/3C	8/4C	6/5H	6/2H	9/4C	9/5C	0H	7/2H	0C	7/2C	7/4H	0H	8/4C	9/5C	5/4H	5/4H	8/4C	9/5C	4/5H	7/2H
14	2C	6/2C	0H	2H	7/2C	7/2C	7/2H	7/2H	6/4C	7/2C	7/2H	7/2H	9/4C	7/2C	7/3H	7/3H	9/2C	0C	7/2H	7/4H	7/4C	9/5C	7/2H	7/3H	9/5C	9/5C	2H	9/5H

Notes:

0	no radicle emergence
1	first instance of radicle emergence (can only use once)
2	radicle 1-5mm long
3	radicle 6-10mm
4	radicle 10-20mm
5	radicle >20mm
6	coleoptile emergence (can only use once)
7	coleoptile length 0-10mm
8	coleoptile length 10-20mm
9	coleoptile >20mm
10	first true leaf emergence (can only use once)

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	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	9/5L	7/3L	7/3H	7/3H	9/5L	2L	8/4H	0H	9/5L	7/3L	9/5H	0H	9		9	H	9		9/5H	9/5H	9		8/4H	9/5H	9/5L	0L	0H	9/5H
1	9/5L	2/4L	8/4H	8/4H	9/5L	9/5L	0H	8/4H	9/5L	0L	0H	9/5H	5	L	5	H	5	L	9/2H	9/2H	5	L	9/5H	9/5H	9/4L	9/5L	9/4H	0H
2	9/5W	9/5W	9/5C	9/5C	2W	7/4W	7/4C	9/5C	0W	7/2W	9	C	9/5W	0W	9/5C	0C	9/5W	7/2W	9	C	9/5W	8/4W	9	C	9/5W	9/5W	0C	9/5C
2	0W	0W	9/5C	9/5C	0W	9/5W	8/4C	9/5C	0W	9/5W	5		0W	9/5W	2C	[illegible]C	7/5W	0W	5	C	0W	8/4W	5	C	2/5W	9/5W	9/5C	0C
3	0L	0L	2/5H	0H	9/5L	9/5L	7/2H	9/5H	9/5L	9/5L	9/4H	0H	9	L	0H	9/5H	9/5L	9/3L	0H	9/5H	9	L	9	H	8/4L	0L	9	
3	9/4L	9/3L	0H	7/3H	0L	9/5L	9/5H	0H	2L	7/2L	9/5H	8/2H	5	L	7/3H	7/5H	9/5L	9/5L	7/3H	9/5H	5	L	5	H	9/5L	8/4L	5	H
4	6/2W	9/5W	9	C	9/5W	9/3W	9/5C	7/4C	9/5W	7/5W	9	C	0W	7/5W	9/4C	9/5C	7/3W	9/5W	9	C	9	W	9/5C	9/5C	9/5W	0W	9	C
4	0W	2W	5		9/5W	9/5W	9/5C	9/5C	0W	9/5W	5		9/5W	8/5W	9/5C	9/5C	7/2W	0W	5		5	W	9/5C	7/5C	9/5W	9/5W	5	C
5	2L	7/3L	9/2H	2H	7/4L	9/5L	0H	9/4H	9		2H	2H	9		7/3H	9/5H	7/5L	0L	9		0L	9/5L	9		0L	9/5L	9/3H	9/5H
5	7/5L	9/5L	9/5H	7/2H	9/5L	9/5L	9/4H	9/5H	5	L	9/3H	7/5H	5	L	9/5H	9/5H	0L	9/5L	5	H	9/5L	9/5L	5	H	9/5L	9/5L	9/5H	0H
6	2W	7/4W	7/2C	7/3C	9		9/5C	7/2C	7/4W	9/5W	9/4C	9/3C	3W	0W	9	C	0W	7/5W	9/5C	9/5C	9	W	9/5C	9/5C	9/5W	9/2W	0C	9/5C
6	9/5W	7/2W	7/2C	9/5C	5	W	9/5C	9/5C	9/5W	9/5W	7/4C	0C	0W	0W	5		2W	9/5W	7/3C	2C	5	W	9/5C	0C	0W	9/5W	9/5C	9/5C
7	0L	2L	0H	0H	0L	0L	0H	7/2H	7/4L	9/5L	9/5H	9/3H	7/5L	7/5L	9/5H	9/5H	9/5L	9/5L	0H	9/5H	9		9/5H	9/5H	8/4L	9/5L	9/5H	0H
7	2L	7/3L	7/3H	9/4H	9/5L	7/4L	6/2H	8/3H	9/5L	7/3L	9/5H	0H	9/5L	9/5L	9/5H	0H	9/4L	9/5L	9/5H	9/5H	5	L	9/5H	2H	9/5L	9/5L	9/5H	9/5H
8	0W	0W	9/5C	8/5C	9/5W	9/5	8/2C	0C	9/2W	7/3W	9/5C	9/5C	9/5	9/5W	0C	9/5C	0W	9/5W	9/5C	9/5C	9		9		9/5W	9/5W	9/5C	9/5C
8	0W	9/3W	0C	7/4C	0W	W	0C	7/2	0W	9/5W	9/5C	9/5C	W	6/5W	9/5C	9/5C	9/5W	9/5W	7/4C	9/5C	5	W	5		9/5W	9/3W	9/5C	0C
9	7/3L	7/5L	7/2H	7/2H	8/4L	9/5L	2H	8/4H	0L	9/5L	2H	7/3H	9/5L	8/4L	9/5H	9/5H	9		7/4H	0H	7/5L	7/4L	6/2H	7/2H	9/5L	9/5L	7/5H	7/5H
9	2L	0L	0H	7/2H	9/4L	7/3L	5/4H	7/3H	8/4L	8/3L	7/3H	3/3H	7/3L	6/2L	0H	8/4H	5	L	7/5H	0H	9/5L	9/5L	7/2H	9/4H	9/5L	9/5L	8/4H	9/5H
10	7/3W	2W	7/4C	1C	8/4W	7/2W	9		7/3W	7/3W	7/5C	7/4C	0W	7/5W	9	C	0W	7/5W	9	C	7/5W	7/5W	8/3C	9/2C	9/5W	0W	9/3C	7/3C
10	2W	0W	7/3C	8/4C	7/4W	7/4W	5	C	8/4W	9/5W	7/3C	7/5C	7/2W	7/5W	5		7/2W	8/4W	5		6/2W	9/5W	7/5C	9/3C	9/5	W	9/3C	7/3C
11	2L	7/2L	0H	7/3H	7/2L	7/3L	7/2H	7/2	7/3L	0L	0H	8/4H	0L	7/3L	8/4H	7/4H	9/5L	9/5L	9/3H	9/5H	2L	6/3L	4/5H	8/4H	9/5L	8/4L	9/5H	0H
11	7/3L	2L	7/3H	0H	7/3L	2L	7/3H	2/4	6/2L	7/2L	8/5H	8/5H	2L	7/3L	9/3H	9/3H	9/2L	0L	9/4H	0H	7/2L	9/4L	9/5H	7/3H	9/5L	9/5L	9/5H	0H
12	0W	6/2W	6/2C	7/2C	7/2W	0W	7/2C	7/2C	5/4W	9/5W	7/4C	8/3C	4/5W	6/4W	7/3C	7/3C	9/4W	0W	9/5C	6/4C	9/5	9/5	9	C	0W	9/5W	9/5C	0C
12	7/2W	7/2W	7/2C	6/2C	7/2W	2W	7/3C	7/5C	5/4W	8/4W	0C	8/4C	0W	8/4W	9/5C	0C	9/5W	8/4W	9/5C	9/5C	W	9/5W	5	C	7/5	9/4W	2C	7/5C
13	2L	0L	2H	0H	7/5L	8/3L	2H	2H	7/5L	7/2L	2H	2H	0L	7/2L	0H	6/2H	9/5L	7/4L	8/4H	0H	7/2L	9/5L	7/3H	7/4H	9/5L	0L	9/5H	7/2H
13	0L	2L	0H	2H	9/5L	7/3L	7/2H	7/2H	7/3L	2L	7/2H	7/2H	7/2L	0L	7/2H	9/3H	9/4L	8/4L	9/5H	7/3H	2L	7/2L	6/2H	6/4H	1L	7/3L	2H	9/5H
14	0W	0W	0C	0C	0W	2W	0C	7/2C	0W	6/2W	7/2C	8/4C	2W	0W	9/4C	9/3C	7/5W	7/4W	0C	7/3C	7/5W	7/5W	7/3C	9/5C	9/5W	9/5W	7/4C	9/5C
14	2W	2W	2C	2C	0W	2W	7/2C	7/2C	7/3W	0W	8/5C	7/2C	7/2W	7/2W	9/4C	8/2C	9/5W	7/4W	9/3C	0C	7W	7/3W	7/3C	9/5C	9/5W	9/2W	9/4C	9/5C

Notes:

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1	first instance of radicle emergence (can only use once)
2	radicle 1-5mm long
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	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	7/3H	8/3H	8/4C	9/5C	9H	0H	8/4C	8/5C	9/5H	0H	9/5C		9/5H		9/5C	0C	9/5H	9/5H	9/5C		7/8C	9/5C	9/5C		0H	9/5H	0C	9/4C
1	7/4H	8/4H	6/2C	9/5C	4H	2H	7/5C	7/5C	0H	9/5H					2C	~~0C~~	2H	2H			9/5C	9/5C			7/3H	0H	9/4C	0C
2	9/5L	7/3L	9/5W	9/5W	9/5L	2L	2W	7/4W	9/5L	9/2L	0W	2W	9/5L		9/3W	0W	9/5L		9/5W	9/2W	9/5L	9/5L	9/5W	7/4W	9/5L	0L	7/3W	9/5W
2	2L	8/4L	0W	0W	9/5L	9/5L	0W	9/2W	9/5L	0L	7/5W	9/5W			0W	9/5W			7/2W	0W	9/5L	9/4L	0W	7/3W	9/5L	9/5L	5/3W	9/5W
3	8/5H	0H	9/5C		2H	9/5H	9/5C	7/5C	9/4H	0H	9/5C		0H	9/3H	9/5C	9/5C	0H	9/5H	9/5C		9/5H		9/5C	9/2C	9/5H		9/5C	
3	0H	7/3H			7/5H	0H	9/5C	9/5C	9/4H	7/2H			7/3H	9/5H	7/5C	9/5C	7/3H	9/5H					9/5C	7/2C				
4	0L	0L	2W	9/5W	8/5L	9/5L	3W	9/3W	9/5L	9/5L	9/5W	9/5W	9/5L		0W	9/3W	9/5L	7/3L	6/2W	7/5W	9/5L		9/5W		9/2L	0L	9/5W	0W
4	8/5L	7/2L	0W	2W	0L	9/5L	7/5W	9/5W	2L	9/5L	0W	9/5W			9/5W	7/5W	9/5L	9/5L	6/2W	0W					9/5L	7/2L	9/5W	9/5W
5	9/5H	2H	7/2C	7/3C	0H	5/4H	2/4C	7/2C	2H	2H	7/3C	9/5C	7/3H	9/5H	9/5C		9/5H		9/5C	9/5C	9/5H		9/5C	9/5C	9/5H	9/5H	0C	9/2C
5	9/5H	7/3H	7/2C	9/5C	7/5H	9/5H	9/5C		9/5H	9/3H	7/3C	0C	9/5H	9/3H					3	2			9/3C	0C		0H	7/5C	9/5C
6	2L	7/2L	1W	7/4W	7/3L	9/5L	9/3W	9/5W	9/5L		7/5W	9/4W	9/5L		2W	0W	9/5L	0L	0W	9/2W	0L	9/5L	9/5W		0L	9/3C	9/5W	2W
6	7/2L	9/4L	9/4W	9/5W	9/2L	9/2L	9/4W	9/5W			9/2W	9/5W			0W	0W	0L	7/5L	2W	2W	9/2L	9/5L			9/5C	9/5C	0W	9/5W
7	0H	0H	9/5C	8/4C	0H	8/2H	2C	2C	9/5H	9/5H	7/2C	9/5C	9/4H	9/5H	0C	7/4C	0H	9/5H	7/2C	9/5C	9/4H	9/5H	9/5C		9/5H	0H	9/3C	8/4C
7	7/2H	8/3H	0C	7/4C	7/2H	8/3H	0C	7/2C	0H	9/5H	9/5C	9/5C	9/5H	0H	9/5C	9/5C	9/5H	9/4H	9/5C	9/5C	9/5H	2H			9/5H	9/5H	9/5C	0C
8	0L	2L	0W	0W	0L	0L	8/5W	9/5	7/3L	7/4L	2W	7/3W	9/5L	9/5L	9/5W	9/4W	9/4	9/4L	0W	9/4W	9/5L		9/5W		2L	9/5L	7/4W	7/4W
8	2L	7/2L	0W	7/3W	8/4L	7/4L	0W	W	9/5L	9/2L	0W	9/5W	7/3L	9/5L	9/2W	1W	L	9/5L	9/5W	9/5W					9/5	L	9/5W	8/4W
9	7/2H	7/2H	7/4C	0C	2H	8/4H	9/5C		2H	7/2H	9/5C	7/4C	8/5H	9/5H	9/5C		7/3H	0H	9/2C	9/5	2H	7/2H	8/2C	9/5C	9/5H	9/5	9/4C	9/4C
9	0H	7/2H	7/2C	8/4C	9/4H	7/3H			7/2H	7/3H	7/3C	8/4C	0H	9/4H			7/4H	0H	8/5C	C	7/2H	9/4H	9/4C	9/5C	9/4H	H	9/5	C
10	7/2L	7/3L	7/3W	2W	7/2L	7/4L	7/3W	7/2W	0L	9/5L	7/2W	7/3W	9/5L	3/4L	0W	9/5W	9/5L	8/4L	0W	9/5W	9/5L	9/5L	9/3W	9/5W	9/5L	9/5	7/4W	0W
10	2L	0L	2W	0W	8/4L	7/2L	7/2W	7/2W	2/4L	9/5L	7/4W	9/5W	7/2L	2L	2W	9/5W	7/5L	9/2L	7/5W	9/4W	9/5L	9/5L	2W	9/5W	7/4L	L	9/5W	7/4W
11	0H	7/3H	2C	7/2C	7/2H	7/2H	7/2C	7/2C	0H	8/4H	7/4C	7/4C	8/4H	7/3H	7/2C	8/3C	7/4H	9/5H	9/5C	7/4C	9/5H	8/4H	9/5C		9/4H	0H	9/4C	0C
11	7/3H	0H	7/2C	2C	7/5H	7/2H	7/3C	7/3C	7/3H	7/2H	0C	7/4C	8/2H	7/2H	9/4C	0C	7/3H	0H	9/5C	9/5C	9/5H	7/2H			9/5H	0H	2C	7/3C
12	1L	7/2L	0W	2W	7/2L	7/3L	6/5W	0W	8/3L	0L	8/4W	9/5W	0L	8/3L	5/5W	7/4W	9/5L	9/5L	7/4W	0W	2L	2L	9/5W	9/5W	9/5L	7/4L	0W	9/5W
12	7/3L	2L	7/2W	9/2W	7/3L	2L	8/2W	2W	2L	7/5L	8/4W	8/4W	2L	7/5L	0W	8/4W	9/5L	0L	8/4W	8/4W	6/2L	9/4L	9/5W	2W	9/5L	9/5L	9/5W	9/4W
13	2H	0H	0C	0C	2H	2H	0C	7/2C	2H	2H	7/2C	9/5C	0H	2H	8/4C	6/3C	7/4H	0H	0C	7/5	7/2H	7/3H	7/4C	9/5C	9/5H	7/2H	7/5C	9/5C
13	0H	2H	2C	2C	7/2H	7/2H	7/3C	7/2C	7/2H	7/2H	7/3C	7/2C	9/2H	9/2H	6/4C	6/8C	1/4H	7/3H	9/4C	0C	2H	8/4H	7/2C	9/5C	2H	9/5H	7/4C	9/5C
14	2L	0L	0W	0W	7/2L	2L	0W	2W	7/2L	7/3L	0W	2W	0L	7/3L	2W	0W	9/5L	8/4L	7/3W	7/2W	7/3L	9/5L	7/2W	9/2W	8/4L	0L	9/5W	9/5W
14	0L	2L	2W	2W	2L	7/2L	0W	2W	7/2L	2L	7/3W	0W	8/3L	0L	7/3W	2W	7/4L	8/4L	9/5W	7/4W	2L	7/3L	0W	8/5W	0L	7/3L	4/5W	7/5W

Notes:

0 no radicle emergence
1 first instance of radicle emergence (can only use once)
2 radicle 1-5mm long
3 radicle 6-10mm
4 radicle 10-20mm
5 radicle >20mm
6 coleoptile emergence (can only use once)
7 coleoptile length 0-10mm
8 coleoptile length 10-20mm
9 coleoptile >20mm
10 first true leaf emergence (can only use once)

Species: POSE
Temp range: 5-25oC
DayHr: 12
Date 7-2-2025
Name Tem

PI: Martyn
Project: SA Species

SA Levels/Codes
Control = C
Water = W
0.5mM = L (low)
1.0mM = H (high)

	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	8/4C	9/C	9/4W	9/5W	8/4C	8/4C	1W	8/4W	9/	C	0W	1W	9/5C	0C	9/5W	0W	9/	C	9/5W	2W	9/	C	9/5W	6/3W	0C	9/4C	8/3W	9/5W
1	6/2C	/5	0W	0W	7/3C	9/5C	0W	9/5W	/5		7/3W	9/5W	2C	XC	0W	9/5W	/5		9/3W	0W	/5		0W	9/2W	9/5C	0C	9/3W	9/5W
2	7/3H	7/3H	9/5L	9/3L	8/H	0H	9/5L	1L	9/5H	0H	9/L	2L	9/	H	9/	L	9/5H	9/5H	9/3L	9/L	9/3H	9/H	9/L	9/5L	0H	9/5H	9/L	0L
2	7/4H	8/4H	1L	8/4L	/4	2H	8/4L	9/5L	0H	9/5H	/5	0L	/5		/5		1H	2H	9/5L	/5	9/5H	/5	/5	9/4L	6/2H	0H	/5	9/5L
3	9/C	9/5C	2W	9/4W	9/5C	9/3C	9/W	8/4W	9/	C	9/5W	9/W	9/4C	9/C	0W	9/5W	9/	C	1W	9/5W	9/C	9/4C	9/W	9/4W	9/	C	9/W	0W
3	/5	9/5C	0W	1W	9/5C	9/5C	/5	9/5W	/5		0W	/5	8/4C	/5	9/5W	9/2W	/5		1W	0W	/5	9/2C	/5	9/5W	/5		/5	9/5W
4	8/3H	0H	0L	0L	1H	9/5H	8/4L	9/5L	9/H	0H	9/5L	9/5L	0H	9/H	9/	L	0H	9/5L	9/L	9/3L	9/	H	9/5L	9/L	9/H	9/5H	9/2L	0L
4	0H	7/3H	8/4L	6/2L	9/5H	0H	0L	9/5L	/4	7/2H	1L	1L	7/4H	/5	/5		8/2H	8/4H	/5	8/5L	/5		9/4L	/5	/5	9/4H	9/4L	6/2L
5	2C	9/3C	0W	7/W	8/4C	7/2C	9/4W	9/5W	6/2C	9/5C	7/3W	8/3W	9/	C	1W	0W	9/5C	9/5C	0W	9/2W	9/C	8/4C	9/	W	0C	9/C	9/4W	1W
5	8/3C	9/5C	8/4W	1W	9/5C	9/5C	8/4W	9/5W	7/4C	0C	9/5W	9/5W	/5		0W	0W	3C	1C	1W	1W	/5	0C	/5		9/5C	/5	0W	8/4W
6	9/5H	1H	1L	7/2L	0H	8/4H	7/3L	9/4L	1H	1H	9/	L	6/2H	9/H	9/	L	9/5H	9/5H	9/5L	1L	9/5H	9/5H	0L	9/5L	9/5H	9/5H	0L	9/L
6	8/4H	9/2H	6/4L	8/4L	7/3H	7/5H	8/4L	9/5L	9/4H	9/5H	/5		9/5H	/5	/5		9/5H	9/4H	0L	9/5L	8/4H	9/5H	9/5L	9/3L	/5	0L	9/5L	/5
7	9/5C	8/4C	0W	0W	2C	1C	9/4W	9/5W	9/2C	9/5C	1W	7/3W	0C	8/4C	9/W	8/4W	9/2C	9/C	0W	9/5W	9/	C	9/	W	9/C	8/4C	6/2W	8/4W
7	0C	7/4C	0W	7/3W	0C	6/2C	0W	8/4W	8/4C	8/4C	0W	8/4W	9/5C	9/5C	/5	0W	9/5C	/5	9/5W	8/5	/5		/5		/5	0C	7/5W	8/4W
8	0H	0H	0L	2L	0H	6/2H	0L	0L	9/5H	9/4H	7/3L	8/4L	9/4H	9/5H	9/5L	9/L	0H	9/H	8/4L	9/L	8/4H	9/5H	9/	8/4L	9/5H	0H	1L	9/L
8	7/2H	7/3H	2L	7/2L	6/2H	6/2H	8/4L	7/4L	8/4H	0H	9/5L	6/2L	9/5H	0H	7/3L	/5	9/5H	/5	7/4L	/5	9/5H	1H	/5	9/4L	9/4H	9/5H	9/5L	/5
9	7/3C	0C	6/2W	1W	8/	C	7/3W	6/2W	9/5C	8/4C	7/3W	4/3W	9/5C	9/4C	0W	7/5W	9/5C	9/5C	0W	9/5W	8/3C	9/5C	8/4W	9/2W	9/4C	9/4C	8/4W	0W
9	6/2C	7/4C	2W	0W	/4		6/2W	7/4W	7/3C	8/4C	7/4W	8/4W	8/4C	9/5C	2W	9/5W	7/4C	9/5C	9/3W	7/3W	8/4C	9/5C	1W	9/4W	9/5C	9/5C	9/5W	7/3W
10	6/2H	9/2H	7/3L	7/3L	2H	8/4H	7/4L	8/4L	1H	6/2H	0L	9/5L	8/4H	8/4H	9/5L	9/4L	7/3H	0H	9/5L	9/4L	1H	6/3H	8/4L	7/4L	9/5H	9/5H	9/5L	9/4L
10	0L	6/2H	1L	0L	8/4H	7/3H	8/4L	6/2L	6/2H	8/3H	8/4L	8/3L	0H	7/3H	7/3L	1L	7/4H	0H	9/5L	9/5L	6/2H	9/4H	9/5L	9/5L	8/4H	8/4H	7/4L	9/5L
11	1C	7/2C	0W	6/2W	7/2C	7/2C	2W	0W	7/3C	7/3C	7/3W	8/4W	6/2C	7/4C	8/4W	7/3W	9/5C	7/3C	9/4W	0W	8/5C	9/5C	9/5W	8/5W	9/4C	0C	0W	8/4W
11	7/2C	2C	7/2W	7/3W	7/3C	7/3C	2W	1W	0C	7/3C	7/3W	7/3W	9/4C	0C	0W	8/4W	9/5C	9/5C	8/4W	7/3W	9/5C	9/5C	8/4W	2W	2C	7/2C	9/5W	8/4W
12	0H	6/2H	0L	6/2L	6/2H	6/2H	6/2L	6/3L	0H	8/4H	8/3L	0L	8/4H	7/2H	0L	7/3L	7/2H	8/4H	9/5L	8/4L	9/5H	8/4H	1L	1L	8/4H	0H	8/4L	7/4L
12	6/2H	1H	7/2L	1L	7/3H	7/2H	7/3L	1L	7/3H	7/3H	2L	6/2L	8/	7/2H	2L	7/2L	7/4H	0H	9/5L	0L	9/5H	9/5H	9/2L	9/4L	8/4H	0H	9/5L	9/5L
13	0C	0C	0W	0W	0C	7/2C	0W	1W	7/2C	9/4C	0W	2W	8/4C	8/4C	1W	0W	0C	9/5C	7/3W	7/3W	7/3C	8/4C	6/2W	6/2W	6/2C	9/5C	9/5W	9/5W
13	1C	1C	1W	1W	9/2C	6/2C	0W	2W	9/3C	9/2C	7/3W	0W	9/4C	2C	9/2W	1W	9/5C	0C	8/5W	7/3W	7/2C	9/5C	0W	7/3W	7/3C	9/5C	6/4W	6/2W
14	1H	0H	1L	0L	2H	2H	7/2L	2L	1H	2H	7/3L	7/3L	0H	1H	0	7/3L	8/4H	0H	8/5L	8/4L	9/5H	7/3H	7/3L	9/5L	8/4H	6/2H	9/4L	0L
14	0H	1H	0L	1L	6/2H	6/2H	2L	9/2L	6/2H	4/2H	4/2L	1L	7/3H	7/3H	7/3L	0	8/4H	7/3H	7/3L	7/3L	2H	8/2H	1L	7/2L	2H	8/4H	0L	7/3L

inside sheath

Notes:

0	no radicle emergence
1	first instance of radicle emergence (can only use once)
2	radicle 1-5mm long
3	radicle 6-10mm
4	radicle 10-20mm
5	radicle >20mm
6	coleoptile emergence (can only use once)
7	coleoptile length 0-10mm
8	coleoptile length 10-20mm
9	coleoptile >20mm
10	first true leaf emergence (can only use once)

Species: POSE
Temp range: 5-25oC
DayHr: 12

Date 7-1-25

Name MH

PI: Martyn
Project: SA Species

SA Levels/Codes

Control =	C	0.5mM =	L (low)
Water =	W	1.0mM =	H (high)

	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
✓1	9/4W	9/4W	9/4L	2L	0W	9/2W	9/5L	0L	0W	0W	9/5L	1L	9/4W	0W	9/5L	9/4L	9/4W	1W	9/5L	9/4L	9/3W	2W	9/5L	9/4L	9/3W	9/5W	9/5L	0L
✓1	0W	0W	0L	9/2L	0W	9/5W	9/3L	9/5L	9/2W	9/4W	9/5L	0L	0W	9/5W	9/5L	9/3L	2W	0W	9/5L	9/5L	0W	2W	9/5L	9/4L	9/3W	9/5W	9/4L	9/5L
✓2	9/3C	9/4C	7		9/2C	9/2C	9/2H	0H	9/4C	9/5C	9/4H	0H	9/5C	0C	9/4H	9/5H	9	C	9/5H	9/5H	9	C	2H	9/4H	0C	9/4C	0H	9/5H
2	2C	9/4C	2	H	9/2C	9/4C	9/3H	2H	9/5C	9/5C	0H	9/4H	1C	XC	9/5H	9/4H	5		0H	1H	5		9/4H	9/2H	9/5C	0C	0H	0H
3	2W	7/3W	0L	0L	9/4W	9/2W	9/3L	9/4L	9/4W	9/4W	9/4L	9/4L	0W	9/5W	9/4L	9/5L	0W	9/2W	9/5L	9/3L	9/4W	9/2W	9/5L	9/5L	9/5W	0W	0L	0L
3	0W	0W	9/3L	2L	9/5W	9/4W	0L	9/4L	0W	9/3W	0L	0L	9/5W	1W	9/5L	9/5L	0W	0W	9/4L	7/4L	9/5W	9/5W	9/5L	9/5L	9/5W	9/4W	9/1L	1L
4	9/3C	7/4C	9/2H	0H	9/4C	2C	0H	9/4H	9	C	9/4H	0H	9/3C	9/4C	0H	9/5H	9		0H	9/5H	9/5C	9/3C	9	H	9	C	9/5H	9/5H
4	9/4C	9/3C	0H	9/2H	9/3C	9/5C	9/4H	0H	5	C	9/3H	9/2H	9/3C	9/5C	9/2H	9/5H	5	C	9/3H	9/3H	9/5C	1C	5		5		9/4H	9/3H
5	0W	9/4W	0L	9/2L	9/3W	9/4W	9/2L	9/5L	9/4W	9/2W	9	L	0W		9	L	0W	1W	9/5L	0L	9	W	0L	9/5L	9/5W	0W	0L	9/5L
5	9/3W	0W	2L	9/2L	9/3W	9/4W	9/2L	9/4L	9/5W	9/5W	5				5		0W	0W	0L	9/5L	5		9/5L	9/5L	0W	9/3W	9/5L	9/5L
6	1C	2C	9/4H	0H	9/3C	9/2C	0H	9/3H	2C	9/5C	0H	0H	9	C	1H	9/4H	9/4C	9/4C	9/4H	9/4H	9/5C	9/2C	9/5H	9/5H	0C	9/5C	9/5H	9/3H
6	9/3C	9/4C	9/3H	2H	9/5C	9/5C	9/3H	9/3H	7/2C	0C	9/3H	9/3H	5		9/4H	9/3H	1C	0C	9/4H	9/4H	9/5C	0C	9/3H	9/4H	9/5C	9/5C	9/5H	0H
7	0W	0W	0L	2L	9/4W	9/5W	0L	0L	0W	9/2W	9/3L	9/3L	9/5W	9/3W	9/4L	9/4L	0W	9/3W	9/3L	9/5L	9/5W	9/5W	9/5L	9/3L	2W	9/4W	0L	9/3L
7	0W	9/2W	2L	9/2L	0W	9/3W	9/3L	9/2L	0W	9/3W	9/4L	1L	9/5W	0W	9/2L	9/4L	9/4W	9/3W	9/2L	9/5L	9/5W	9/4W	9/5L	9/5L	9/5W	9/3W	9/5L	9/5L
8	9/5C	7/3C	0H	0H	1C	0C	0H	1H	1C	9/4C	9/4H	9/4H	0C	9/2C	9/3H	9/4H	1C	9/5C	0H	9/5H	9/2C	9/5C	9/3H	9/3H	9/3C	9/5C	9/4H	0H
8	0C	9/2C	9/3H	9/3H	0C	2C	1H	2H	9/3C	9/3C	9/3H	0H	9/5C	9/5C	9/4H	0H	9/5C	9/5C	9/4H	9/4H	9/5C	9/4C	9/5H	0H	9/5C	0C	9/4H	9/5H
9	2W	0W	9/2L	9/2L	6/3W	2W	9/2L	9/2L	2W	2W	0L	9/4L	0W	9/4W	9/4L	9/3L	0W	9/5W	9/2L	9/2L	9/3W	7/4W	7/2L	7/3L	9/2W	0W	9/5L	9/3L
9	2W	0W	0L	0L	1W	9/2W	9/2L	1L	9/2W	9/4W	9/3L	9/2L	2W	9/4W	9/2L	0L	1W	9/2W	9/5L	9/5L	0W	7/3W	9/5L	9/5L	9/5W	9/2W	9/2L	9/4L
10	9/3C	0C	2H	1H	9/3C	9/3C	1H	9/2H	9/5C	9/3C	0H	1H	9/5C	9/4C	9/3H	9/3H	9/5C	9/5C	9/2H	0H	7/2C	8/4C	0H	2H	9/2C	9/4C	9/4H	9/5H
10	2C	9/3C	0H	2H	9/2C	9/2C	9/2H	9/2H	9/2C	9/5C	2H	9/3H	9/3C	9/5C	0H	9/2H	9/3C	9/5C	9/3H	0H	9/3C	9/5C	1H	9/3H	9/5C	9/5C	9/3H	9/3H
11	0W	1W	0L	1L	2W	0W	2L	1L	9/2W	9/3W	9/2L	0L	9/4W	9/3W	0L	9/2L	9/4W	0W	9/5L	9/4L	9/4W	9/4W	0L	0L	0W	9/4W	9/2L	9/3L
11	9/2W	9/2W	9/2L	0L	2W	0W	9/2L	0L	9/2W	9/3W	2L	1L	0W	9/3W	1L	9/2L	9/3W	9/2W	9/2L	0L	9/4W	2W	1L	9/4L	9/5W	9/3W	9/5L	9/5L
12	0C	9/3C	0H	1H	6	C	2H	1H	9/2C	9/2C	0H	9/3H	1C	9/2C	9/3H	9/2H	9/5C	9/2C	9/2H	9/4H	9/4C	9/5C	9/5H	9/3H	9/4C	0C	9/4H	0H
12	9/2C	1C	1H	0H	2		9/2H	9/2H	0C	9/3C	9/3H	9/3H	9/2C	0C	9/3H	9/2H	9/5C	9/5C	9/2H	0H	9/5C	9/5C	9/3H	2H	1C	9/2C	9/4H	0H
13					0W	0W	9/2L	2L	0W	2W	9/2L	9/2L	0W	0W	0L	9/2L	9/2W	2W	9/4L	9/3L	2W	2W	9/2L	9/5L	9/4W	9/4W	9/4L	0L
13	0W		0L		0W	2W	1L	1L	9/2W	0W	1L	0L	1W	0W	9/2L	0L	9/4W	9/2W	9/2L	9/2L	0W	9/2W	0L	9/2L	9/2W	1W	0L	9/3L
14					0C	9/2C	1H	1H	9/2C	9/3C	0H	2H	9/3C	9/3C	0H	0H	0C	7/2C	9/2H	0H	9/2C	9/3C	2H	9/2H	2C	9/5C	9/4H	2H
14	0C		0H		2C	2C	1H	1H	9/3C	2C	2H	2H	9/3C	1C	9/2H	9/2H	9/4C	0C	9/4H	7/2H	9/2C	9/5C	2H	9/2H	9/2C	9/5C	2H	9/4H

Notes:

0	no radicle emergence
1	first instance of radicle emergence (can only use once)
2	radicle 1-5mm long
3	radicle 6-10mm
4	radicle 10-20mm
5	radicle >20mm
6	coleoptile emergence (can only use once)
7	coleoptile length 0-10mm
8	coleoptile length 10-20mm
9	coleoptile >20mm
10	first true leaf emergence (can only use once)

X = 999

Species: POSE
Temp range: 5-25oC
DayHr: 12
Date 6-30-25
Name MH

PI: Martyn
Project: SA Species

SA Levels/Codes
Control = C 0.5mM = L (low)
Water = W 1.0mM = H (high)

	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	8/4L	1L	7/2	H	9/4L	0L	7/3H	0H	9/4L	0L	7/4H	0H	9/5L	9/5L	9/4H	9/5H	9/2L	9/5L	9/5H	9/5H	9/5L	7/3L	1H	9/3H	9/5L	0L	0H	9/4H
1	0L	7/2L	2	H	9/3L	9/2L	7/3H	1H	9/5L	0L	0H	8/4H	7/4L	7/4L	9/3H	9/5H	9/2L	9/5L	0H	0H	9/5L	7/4L	9/4H	9/5H	9/4L	9/5L	0H	0H
2	8/4W	7/4W	9/3C	9/4C	0W	7/2W	9/2C	8/2C	0W	0W	7/3C	9/3C	7/3W	0W	9/5C	0C	9/3W	0W	9/5C		7/4W	1W	9/5C	9/5C	7/3W	9/5W	0C	9/4C
2	0W	0W	2C	9/4C	0W	9/5W	2C	9/4C	0W	7/3W	9/2C	9/3C	0W	8/4W	2C	XC	1W	0W			0W	2W	9/4C	9/4C	7/2W	9/5W	9/5C	0C
3	0L	0L	9/2H	0H	9/2L	7/3L	2H	7/3H	9/4L	9/4L	9/4H	0H	7/2L	9/5L	0H	9/4H	9/5L	2L	0H	9/5H	9/4L	9/5L	9/4H	9/5H	0L	0L	9/5H	9/5H
3	9/2L	2L	0H	2H	0L	8/5L	9/4H	0H	0L	0L	7/3H	7/2H	9/5L	9/5L	1H	9/4H	9/4L	7/2L	9/4H	7/2H	7/2L	9/5L	9/3H	9/5H	9/5L	0L	9/5H	7/2H
4	2W	7/3W	8/4C	7/3C	9/5W	9/2W	7/4C	2C	9/5W	7/4W	9/5C		0W	8/4W	8/3C	8/5C	0W	9/5W	9/5C	9/5C	9/5W	9/2W	7/5C	9/5C	9/5W	0W	9/5C	
4	0W	0W	9/4C	8/2C	9/4W	7/3W	7/5C	9/2C	0W	7/3W			8/4W	0W	7/3C	8/5C	0W	0W	8/5C	9/5C	9/5W	9/5W	9/4C	0C	9/5W	7/4W		
5	0L	8/2L	7/3H	0H	2L	7/3L	0H	7/2H	9/5L	8/4L	0H	0H	9/5L	7/4L	0H	8/4H	9/2L	0L	9/4H	8/4H	0L	9/5L	9/5H	7/5H	0L	9/5L	7/4H	8/3H
5	2L	8/2L	7/3H	2H	7/2L	7/3L	2H	9/4H	9/5L	8/4L	8/3H	8/5H	9/5L	9/5L	8/4H	9/5H	0L	9/5L	9/5H	9/4H	7/5L	0L	7/3H	8/5H	8/4L	9/5L	9/5H	0H
6	0W	7/2W	0C	1C	7/2W	7/5W	7/2C	9/2C	1W	7/3W	1C	9/5C	0W		9/5C		0W		9/4C	7/4C	7/5W	9/5W	9/5C	9/2C	9/5W	0W	0C	9/5C
6	7/3W	0W	7/2C	8/4C	7/5W	8/5W	8/4C	9/2C	9/2W	7/3W	7/2C	0C							0C	0C	9/5W	9/2W	9/10	0C	0W	10/9W	9/5C	9/5C
7	0L	2L	0H	0H	0L	0L	0H	0H	7/2L	7/3L	7/3H	7/3H	7/3L	9/3L	7/3H	8/4H	7/3L	9/4L	0H	8/4H	9/5L	7/2L	7/2H	8/4H	0L	9/2L	7/3H	0H
7	2L	2L	8/2H	8/2H	7/2L	9/2L	0H	2H	7/4L	0L	7/3H	0H	7/2L	8/2L	8/5H	0H	2L	9/2L	9/4H	7/3H	9/5L	9/5L	9/5H	0H	9/5L	9/5L	7/3H	9/3H
8	0W	0W	7/4C	8/2C	7/3W	7/4W	0C	0C	0W	7/3W	0C	7/4C	9/5W	7/2W	0C	7/2C	0W	7/2W	0C	9/5C	9/5W	9/5W	7/2C	9/2C	2W	7/3W	9/4C	9/4C
8	0W	2W	0C	8/2C	0W	7/3W	0C	2C	0W	7/3W	7/2C	7/3C	7/2W	0W	9/5C	9/5C	7/4W	7/3W	8/5C	9/5C	9/2W	8/4W	9/2C	8/5C	7/4W	7/2W	9/5C	0C
9	2L	2L	1H	0H	8/2L	8/2L	0H	7/2H	0L	7/3L	0H	2H	7/3L	7/2L	7/2H	7/3H	8/4L	2L	1H	0H	2L	7/2L	0H	2H	9/5L	9/4L	9/4H	9/3H
9	0L	0L	0H	2H	7/2L	0L	7/2H	8/2H	7/2L	7/2L	2H	7/2H	1L	0L	0H	9/2H	8/4L	9/4L	8/2H	0H	9/5L	9/5L	0H	7/3H	1L	8/2L	9/5H	7/2H
10	2W	0W	8/2C	0C	2W	2W	7/3C	7/2C	2W	2W	7/4C	7/2C	0W	7/3W	9/4C	7/3C	0W	9/5W	8/4C	8/4C	7/2W	7/3W	9/2C	7/3C	8/2W	0W	8/3C	8/4C
10	2W	0W	2C	2C	0W	7/2W	9/5C	8/2C	2W	7/3W	1C	7/2C	2W	7/2W	7/3C	8/4C	1W	2W	2C	8/2C	0W	7/2W	8/2C	9/5C	9/3W	2W	9/3C	9/5C
11	0L	0L	0H		2L	0L	2H	0H	7/2L	0L	0H	7/2H	0L	8/2L	7/3H	8/2H	9/4L	9/3L	2H	7/3H	0L	0L	7/4H	7/2H	7/2L	7/3L	7/2H	0H
11	2L	0L			2L	0L	2H	1H	1L	0L	6/2H	6/2H	0L	2L	7/2H	8/3H	9/4L	0L	2H	0H	0L	8/2L	7/2H	1H	7/2L	9/5L	7/3H	0H
12	0W	0W	0C	7/2C	1W	0W	1C	1C	8/2W	7/2W	6/2C	7/2C	7/2W	6/3W	1C	8/2C	7/3W	0W	8/4C	2C	7/3W	7/3W	9/3C	8/4C	0W	7/2W	3C	0C
12	1W	2W	2C	0C	2W	0W	1C	2C	8/2W	8/2W	0C	8/2C	0W	8/2W	7/2C	0C	7/2W	7/2C	8/3C	8/2C	7/3W	2W	8/2C	8/4C	7/2W	7/3W	2C	2C
13	0L		0H		7/2L	2L	0H		2L	6/2L	0H	2H	0L	6/2L	0H	0H	8/2L	8/2L	7/2H	0H	1L	8/4L	2H	7/3H	8/4L	0L	7/3H	2H
13					0L	0L			2L	0L	2H	2H	2L	0L	6/2H	6/2H	9/2L	8/2L	7/3H	7/2H	0L	2L	2H	2H	0L	2L	2H	7/3H
14	0W		0C		0W	0W	0C	2C	0W	2W	2C	7/2C	0W		7/3C	9/4C	2W	8/2W	0C	7/2C	2W	2W	2C	8/3C	7/3W	7/2W	2C	9/4C
14					0W	2W	2C	2C	2W	0W	6/2C	2C			7/3C	0C	7/3W	7/2W	6/4C	0C	0W	2W	2C	9/4C	7/3W	0W	8/2C	9/4C

Notes:

0	no radicle emergence
1	first instance of radicle emergence (can only use once)
2	radicle 1-5mm long
3	radicle 6-10mm
4	radicle 10-20mm
5	radicle >20mm
6	coleoptile emergence (can only use once)
7	coleoptile length 0-10mm
8	coleoptile length 10-20mm
9	coleoptile >20mm
10	first true leaf emergence (can only use once)

Species: POSE
Temp range: 5-25oC
DayHr: 12

PI: Martyn
Project: SA Species

Date 6-29-25

Name MH, PW

SA Levels/Codes

Control =	C	0.5mM =	L (low)
Water =	W	1.0mM =	H (high)

Killed

	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	2H	6/2 H	6/2 C	9/4 C	7/2 H	0H	6/2 C	2C	7/3 H	0H	6/2 C	9/5 C	9/3 H	8/4 H	9/5 C	0C	9/5 H	8/4 H	8/4 C	9/5 C	0H	9/5 H	9/5 C	8/4 C	0H	7/3 H	0C	8/3 C
1	0H	6/2 H	2C	8/3 C	2H	0H	2C	8/3 C	0H	6/2 H	9/5 C	9/4 C	8/4 H	9/5 H	2C	X C	0H	0H	9/5 C	9/5 C	7/3 H	8/3 H	8/3 C	9/5 C	0H	0H	9/5 C	0C
2	7/2 L	2L	7/3 W	6/3 W	7/3 L	0L	0W	6/2 W	8/3 L	0L	0W	0W	9/5 L	9/5 L	6/2 W	0W	8/3 L	8/3 L	2W	0W	9/5 L	7/3 L	9/2 W	0W	9/3 L	CL	6/2 W	8/4 W
2	0L	6/3 L	0W	0W	2L	8/4 L	0W	9/3 W	8/4 L	0L	2W	6/2 W	6/2 L	7/4 L	0W	7/3 W	9/5 L	9/9 L	1W	0W	9/3 L	6/3 L	0W	1W	8/4 L	9/9 L	6/2 W	9/5 W
3	6/2 H	0H	8/4 C	7/2 C	0H	7/2 H	7/3 C	2C	8/4 H	0H	8/4 C	9/5 C	0H	8/3 H	8/3 C	7/3 C	0H	8/4 H	9/5 C	9/4 C	7/4 H	7/4 H	8/4 C	8/4 C	9/5 H	9/5 H	9/5 C	9/5 C
3	0H	1H	8/4 C	7/2 C	8/4 H	0H	6/2 C	9/5 C	9/2 H	7/2 H	9/5 C	9/4 C	0H	7/4 H	2C	8/4 C	1H	2H	7/4 C	9/5 C	7/4 H	9/5 H	9/5 C	0C	9/5 H	2H	9/5 C	3/4 C
4	0L	0L	1W	6/2 W	2L	6/2 L	8/4 W	1W	7/3 L	7/3 L	8/4 W	7/3 W	9/2 L	9/5 L	0W	8/3 W	9/5 L	2L	0W	9/5 W	7/3 L	9/5 L	9/5 W	1W	0L	0L	9/5 W	0W
4	2L	2L	0W	0W	0L	7/3 L	8/2 W	7/2 W	0L	0L	0W	7/2 W	9/3 L	9/5 L	8/3 W	0W	7/3 L	2L	0W	0W	9/2 L	8/4 L	8/4 W	9/5 W	9/5 L	0L	8/4 W	8/3 W
5	7/3 H	0H	0C	0C	0H	6/2 H	6/2 C	1C	0H	0H	0C	8/5 C	0H	7/3 H	9/5 C	9/5 C	7/3 H	7/3 H	7/4 C	4/2 C	9/5 H	9/5 H	9/5 C	VC	7/3 H	9/5 H	0C	9/5 C
5	7/2 H	1H	6/2 C	7/3 C	9H	8/4 H	7/3 C	8/4 C	6/2 H	8/4 H	2C	0C	7/3 H	8/5 H	9/5 C	1/5 C	9/5 H	7/2 H	1C	0C	6/2 H	6/2 H	8/4 C	0C	7/3 H	0H	9/4 C	9/4 C
6	0L	1L	0W	10/2 W	2L	6/2 L	6/2 W	6/2 W	7/3 L	7/3 L	0W	6/2 W	8/4 L	6/2 L	0W	0W	8/4 L	0L	0W	0W	0L	8/4 L	9/5 W	7/2 W	0L	8/5 L	9/5 W	0W
6	1L	2L	6/2 W	0W	6/2 L	6/2 L	6/2 W	8/3 W	8/4 L	7/3 L	8/4 W	7/3 W	8/4 L	9/3 L	0W	0W	0L	9/5 L	0W	0W	9/5 L	0L	8/4 W	7/4 W	6/2 L	9/5 L	0W	2W
7	0H	0H	7/2 C	2C	0H	0H	0C	0C	7/3 H	8/3 H	2C	7/2 C	7/2 H	8/5 H	0C	6/2 C	0H	7/3 H	0C	4/4 C	7/2 H	8/4 H	7/3 C	4/4 C	6/2 H	2H	7/4 C	8/3 C
7	2H	2H	0C	2C	0H	2H	0C	1C	7/2 H	0H	7/3 C	8/3 C	8/3 H	0H	8/2 C	9/5 C	8/4 H	8/4 H	8/2 C	8/5 C	7/4 H	0H	9/5 C	8/4 C	9/2 H	9/5 H	8/4 C	0C
8	0L	2L	0W	0W	0L	0L	6/2 W	7/4 W	2L	2L	0W	2W	6/3 L	6/2 L	8/4 W	7/2 W	6/2 L	8/4 L	0W	8/4 W	5/4 L	2L	8/4 W	9/3 W	0L	9/4 L	2W	6/2 W
8	1L	2L	0W	2W	8/2 L	8/2 L	0W	8/4 W	7/2 L	2L	0W	7/3 W	2L	8/2 L	6/2 W	0W	1L	4/4 L	7/2 W	9/3 W	8/4 L	8/4 L	8/4 W	7/4 W	8/4 L	9/3 L	5/4 W	6/2 W
9	0H	0H	2C	2C	0H	6/2 H	6/2 C	6/3 C	0H	2H	7/4 C	7/2 C	7/2 H	6/2 H	5/4 C	6/2 C	0H	0H	8/4 C	7/3 C	0H	1H	7/2 C	7/2 C	7/4 H	8/4 H	8/4 C	8/5 C
9	0H	2H	2C	2C	6/2 H	2H	6/2 C	8/2 C	2H	6/2 H	0C	6/2 C	0H	2H	8/2 C	8/4 C	2H	0H	1C	9/5 C	0H	7/3 H	1C	9/5 C	2H	8/2 H	7/5 C	9/5 C
10	2L	2L	2W	0W	2L	2L	2W	2W	0L	8/5 L	2W	2W	7/2 L	7/2 L	0W	7/2 W	7/3 L	2L	0W	8/4 W	1L	1L	6/2 W	5/2 W	8/4 L	8/3 L	2W	0W
10	0L	0L	2W	0W	6/2 L	0L	0W	6/2 W	6/2 L	7/2 L	2W	7/4 W	0L	0L	1W	7/3 W	8/4 L	8/4 L	0W	2W	8/4 L	5/5 L	0W	6/2 W	0L	6/3 L	8/4 W	6/2 W
11	0H	0H	0C	6/2 C	2H	0H	0C	1C	0H	7/2 H	2C	6/2 C	6/2 H	1H	0C	2C	2H	6/2 H	7/4 C	2C	7/4 H	2H	6/2 C	7/4 C	6/2 H	0H	7/2 C	0C
11	0H	0H	2C	0C	2H	0H	0C	2C	2H	2H	0C	6/2 C	6/2 H	1H	7/2 C	0C	0H	0H	7/4 C	8/4 C	7/2 H	0H	8/4 C	7/5 C	6/2 H	0H	1C	2C
12	0L	0L	0W	0W	1L	0L	0W	0W	5/2 L	0L	2W	6/2 W	0L	2L	6/3 W	2W	7/4 L	7/2 L	7/3 W	0W	0L	0L	7/2 W	7/2 W	2L	2L	0W	6/2 W
12	2L	0L	0W	2W	1L	0L	2W	0L	0L	0L	2W	2W	0L	2L	0W	2W	7/4 L	0L	7/2 W	2W	0L	1/3 L	7/2 W	1W	9/4 L	8/4 L	8/4 W	6/2 W
13	0H		0C		0H		0C	2C	0H	1H	2C	6/2 C	0H		6/2 C	7/3 C	6/2 H	0H	0C	6/2 C	2H	6/2 H	2C	7/3 C	6/2 H	2H	2C	8/4 C
13							2C	2C	2H	2H	2C	0C			6/2 C	0C	6/2 H	9/2 H	7/3 C	0C	2H	1H	2C	8/4 C	2H	8/2 H	2C	8/4 C
14	0L		0W		8/2 L	1L	0W	0W	1L	1L	0W	1W	0L	2L	0W	0W	7/2 L	6/2 L	1W	0W	0L	5/4 L	2W	2W	7/5 L	2L	7/3 W	7/3 W
14					2L	0L	0W	1W	2L	0L	2W	0W	2L	0L	0W	0W	2L	2L	7/3 W	6/2 W	0L	2L	0W	1W	0L	2L	7/3 W	0W

Notes:

0 no radicle emergence
1 first instance of radicle emergence (can only use once)
2 radicle 1-5mm long
3 radicle 6-10mm
4 radicle 10-20mm
5 radicle >20mm
6 coleoptile emergence (can only use once)
7 coleoptile length 0-10mm
8 coleoptile length 10-20mm
9 coleoptile >20mm
10 first true leaf emergence (can only use once)