

Species: POSY  
Temp range: 5-25°C  
Day/Hr: 12  
Date T-S-AS

PI: Matryna  
Project: SA Species  
Range: 5-25°C

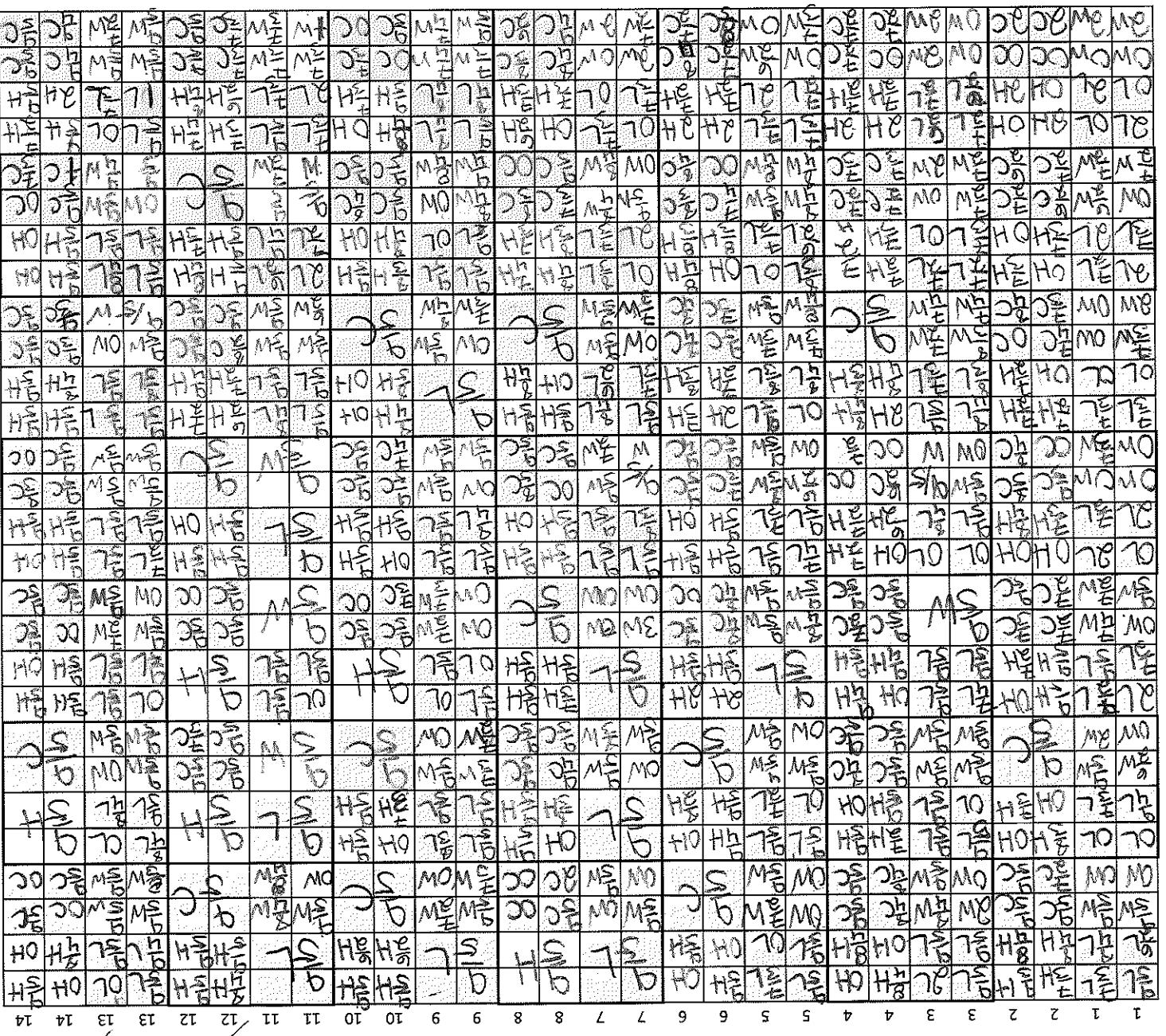
Name MH  
SA levels/Codes  
Control = C  
0.5MM = L (low)  
1.0MM = H (high)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	W	QW											
2	QW												
3	QW												
4	QW												
5	QW												
6	QW												
7	QW												
8	QW												
9	QW												
10	QW												
11	QW												
12	QW												
13	QW												
14	QW												
15	QW												
16	QW												
17	QW												
18	QW												
19	QW												
20	QW												
21	QW												
22	QW												
23	QW												
24	QW												
25	QW												
26	QW												
27	QW												
28	QW												
29	QW												
30	QW												
31	QW												
32	QW												
33	QW												
34	QW												
35	QW												
36	QW												
37	QW												
38	QW												
39	QW												
40	QW												
41	QW												
42	QW												
43	QW												
44	QW												
45	QW												
46	QW												
47	QW												
48	QW												
49	QW												
50	QW												
51	QW												
52	QW												
53	QW												
54	QW												
55	QW												
56	QW												
57	QW												
58	QW												
59	QW												
60	QW												
61	QW												
62	QW												
63	QW												
64	QW												
65	QW												
66	QW												
67	QW												
68	QW												
69	QW												
70	QW												
71	QW												
72	QW												
73	QW												
74	QW												
75	QW												
76	QW												
77	QW												
78	QW												
79	QW												
80	QW												
81	QW												
82	QW												
83	QW												
84	QW												
85	QW												
86	QW												
87	QW												
88	QW												
89	QW												
90	QW												
91	QW												
92	QW												
93	QW												
94	QW												
95	QW												
96	QW												
97	QW												
98	QW												
99	QW												
100	QW												

Notes:  
 0 no radiate emergence  
 1 radiate 5-15mm long  
 2 radiate 10-20mm  
 3 radiate 10-20mm long  
 4 radiate >20mm  
 5 radiate emerge once  
 6 collapseable emergence (can only use once)  
 7 collapseable length 10-20mm  
 8 collapseable length 20-30mm  
 9 collapseable >30mm  
 10 first true leaf emerge once (can only use once)

Notes:  
 0 no radii  
 1 first radii emergence (can only use once)  
 2 radii 5-10mm  
 3 radii 10-20mm  
 4 radii 20-30mm  
 5 radii >20mm  
 6 collective emergence (can only use once)  
 7 collective height 10-20mm  
 8 collective height >20mm  
 9 first true leaf emergence (can only use once)

10 first instarce of radii emergence (can only use once)



Name MH  
 Date 7-4-05  
 Species: POSSE  
 Temp range: 5-25°C  
 Project: SA Species  
 PI: Martin

SA Levels/Codes  
 Control = C  
 0.5MM = L (low)  
 1.0MM = W (high)

10

first true leaf emergence (can only use once)

9

coleoptile length 20-20mm

8

coleoptile length 10-10mm

7

coleoptile emergence (can only use once)

6

radicle 20-20mm

5

radicle 10-10mm

4

radicle 5-5mm long

3

first instance of radicle emergence (can only use once)

2

radicle 1-1mm

1

no radicle emergence

Notes:

14	OL	OL	AW	W	OL										
13	AH	AC	AC	AC	AH	AC									
12	OL	OL	AW	W	OL										
11	OH	CH	AC	AC	OH	CH	AC	CH	AC	CH	CH	CH	CH	CH	CH
10	OL	OL	AW	W	OL										
9	OH	CH	AC	AC	OH	CH	AC	CH	AC	CH	CH	CH	CH	CH	CH
8	OL	OL	AW	W	OL										
7	OH	CH	AC	AC	OH	CH	AC	CH	AC	CH	CH	CH	CH	CH	CH
6	AH	CH	AC	AC	AH	CH	AC	CH	AC	CH	CH	CH	CH	CH	CH
5	OL	OL	AW	W	OL										
4	OL	OL	AW	W	OL										
3	OH	CH	AC	AC	OH	CH	AC	CH	AC	CH	CH	CH	CH	CH	CH
2	OL	OL	AW	W	OL										
1	OH	CH	AC	AC	OH	CH	AC	CH	AC	CH	CH	CH	CH	CH	CH

Name MH  
 SA Level/Codes  
 Control = C 0.5MM = W 1.0MM = H (high)  
 L (low)

Species: HOS  
 Temp range: 5-25°C  
 Dayhr: 12  
 Date: 7-2-2015  
 Project SA Specific  
 SA Levels/Codes  
 Control = C  
 0.5M = L (low)  
 Water = W  
 1.0M = H (high)  
 Name Terry

**Notes:**



Date	$\frac{7}{-} - \frac{1}{-} \frac{1}{-} \frac{1}{-}$		
SA Levels/Codes	MH		
Control = C	Water = W	0.5MM = L (low)	1.0MM = H (high)

Project: SA Species  
PI: Martyn

### **Notes:**

- |    |   |   |
|----|---|---|
| 1  | not applicable for new generation             | first true leaf emergence (can only use once) |
| 2  | radicle 2-5mm long                            | radicle emergence (can only use once)         |
| 3  | radicle 6-10mm                                | radicle >20mm                                 |
| 4  | radicle 10-20mm                               | radicle >20mm                                 |
| 5  | radicle >20mm                                 | radicle >20mm                                 |
| 6  | coleoptile >20mm                              | coleoptile length >10mm                       |
| 7  | coleoptile length 10-20mm                     | coleoptile length >10mm                       |
| 8  | coleoptile length >20mm                       | coleoptile >20mm                              |
| 9  | coleoptile >20mm                              | coleoptile >20mm                              |
| 10 | first true leaf emergence (can only use once) | first true leaf emergence (can only use once) |

Name MH Date 10/22/2022  
SA Levers/Coors      Counterl = C      0.5MM = L (low)      Water = W      1.0MMI = H (high)

Project: SA Species  
PI: Martyn







## Notes:

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

Water = W      1.0mI = H (high)  
 Control = C      0.5mM = L (low)  
 3A Letters/Numbers

Name MH

6-26-25 Date  
Daylight - 12

PL: Martyn  
Project: SA Species

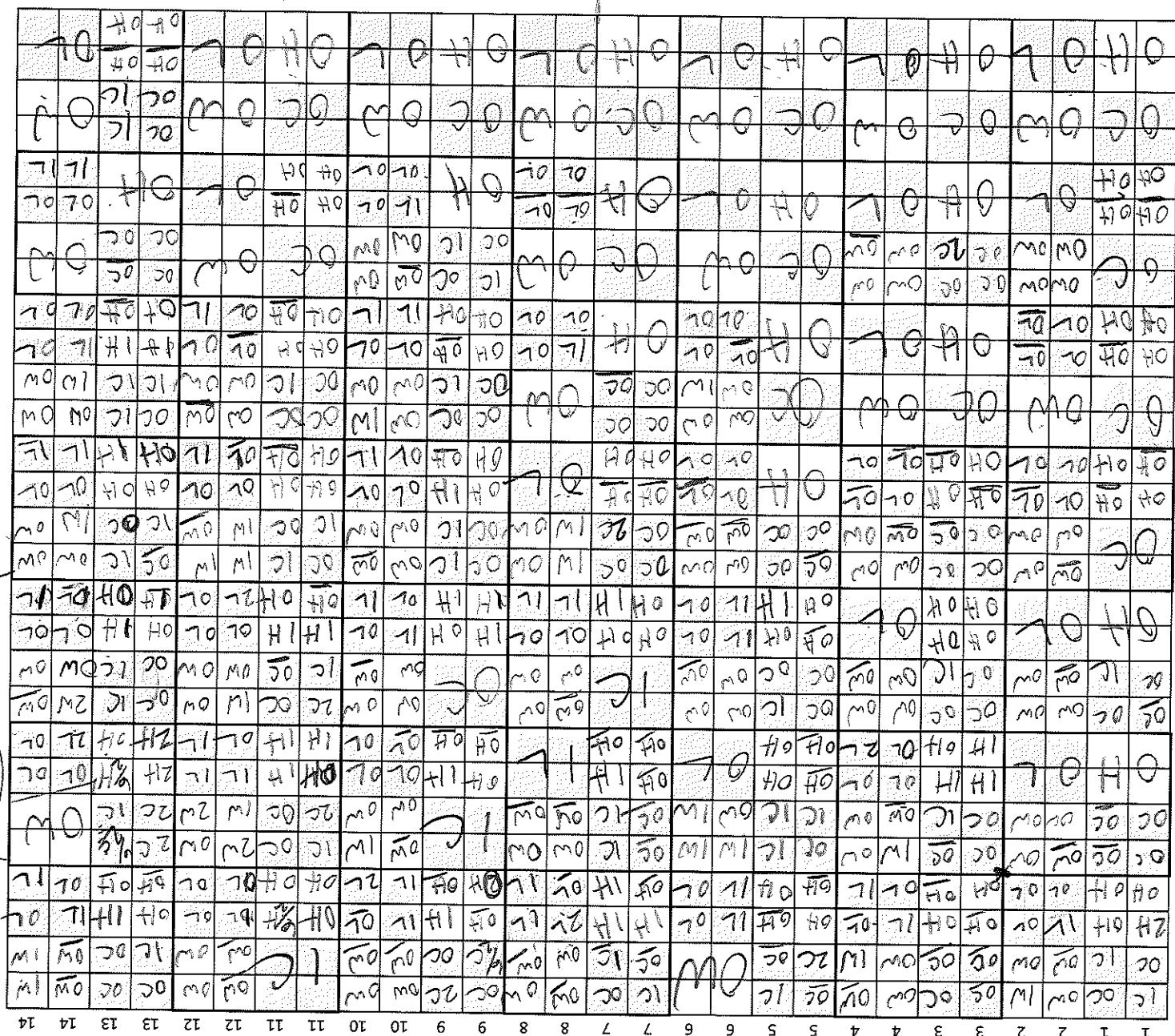
Species: POSSE      Temp range: 5-25°C      Dayhr: 12  
 PI: Martin      Project: SA Speci  
 Date 6/25/25      1240  
 Name TEM M1f  
 Water = H (high)  
 Control = L (low)  
 0.5MM = W  
 1.0MM = SA Levels/Codes  
 C

• decide to use slow method because of efficiency

• usually means could be  $\hookrightarrow$  classic Theory

After Chukwu

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



Date	6/29/12	134th	154th	W	Water =	1.0MM =	H (high)
SA Levels/Codes	C	0.5MM =	L (low)	Control =	C	0.5MM =	W

Project: SA Species  
PI: Martyn

ଶ୍ରୀମଦ୍ଭଗବତ

### Notes:

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

SA Levels/Codes Control = 524

Name Tina  
Date 6/23/25  
Day: Tu

Project: SA Species

Martha  
2

flat clutch

TMID 830 - 1230 on June 21 2025  
Sat

- Notes:
- 0 no radiotele emergency
  - 1 first instance of radiotele emergency (can only use once)
  - 2 radiotele 1.5-mm long
  - 3 radiotele 6-10mm
  - 4 radiotele 10-20mm
  - 5 radiotele >20mm
  - 6 radiotele emergency (can only use once)
  - 7 collectible length 0-10mm
  - 8 collectible length 10-20mm
  - 9 collectible length >20mm
  - 10 first true leaf emergency (can only use once)

14	QWOC QWOC QWOC QWOC
13	0L OH QL OH QL OH QL OH
12	0J OC QWOC QWOC QWOC QWOC
11	0L OH KQLO HQL QL OH QL OH
10	0L OH QL OH QL OH QL OH
9	0L OH KQLO HQL QL OH QL OH
8	QWOC QWOC QWOC QWOC
7	0L OH QL OH QL OH QL OH
6	QWOC QWOC QWOC QWOC
5	QL OH QL OH QL OH QL OH
4	QWOC QWOC QWOC QWOC
3	QL OH KQLO HQL QL OH QL OH
2	QWOC QWOC QWOC QWOC
1	QL OH QL OH QL OH QL OH

Name	Temp range: 5-25°C	Date: 06/22/25	Specie: POSSE	Project: SA Species
------	--------------------	----------------	---------------	---------------------

SALveris/Codes	813 acco	CEM	Name
----------------	----------	-----	------

Water =	W	1.0MM =	L (low)
---------	---	---------	---------

Central =	C	0.5MM =	H (high)
-----------	---	---------	----------

Species: POSE

Temp range: 5-25°C

DayHr: 12

Date 6-28-28PI: Martyn  
Project: SA SpeciesName MH

## SA Levels/Codes

Control =

C

0.5mM =

L (low)

Water =

W

1.0mM =

H (high)

2 seeds/  
24 hours

T-BALC

1	1	2	2	3	3	4	4	5	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
1	<del>ZC</del>	<del>2C</del>	<del>1/2C</del>	<del>1/2L</del>	<del>1/2L</del>	<del>2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>2L</del>	<del>2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>2L</del>	<del>2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1L</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	
1	<del>2L</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>2L</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>2L</del>	<del>2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	
2	<del>ZH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>ZL</del>	<del>1/2H</del>	<del>OH</del>	<del>1/2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
2	<del>OH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>ZL</del>	<del>1/2H</del>	<del>OH</del>	<del>1/2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
3	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
3	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
4	<del>2H</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>ZH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
4	<del>OH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>ZL</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
5	<del>OC</del>	<del>OC</del>	<del>OL</del>	<del>OL</del>	<del>2C</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
5	<del>OC</del>	<del>OC</del>	<del>OL</del>	<del>OL</del>	<del>2C</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
6	<del>1/2H</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>CH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
6	<del>1/2H</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>CH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
7	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
7	<del>OC</del>	<del>OC</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
8	<del>UH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>IL</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
8	<del>ZH</del>	<del>ZH</del>	<del>OL</del>	<del>OL</del>	<del>ZL</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
9	<del>2C</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>2L</del>	<del>2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
9	<del>ZL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>2L</del>	<del>2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>						
10	<del>OH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>CH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
10	<del>OH</del>	<del>2H</del>	<del>OL</del>	<del>OL</del>	<del>CH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
11	<del>OC</del>	<del>OC</del>	<del>OL</del>	<del>OL</del>	<del>OC</del>	<del>OC</del>	<del>OL</del>	<del>OL</del>	<del>2C</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
11	<del>2C</del>	<del>2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>2L</del>	<del>2L</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
12	<del>1H</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>ZH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
12	<del>OH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>ZH</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
13	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>IC</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
13	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>IC</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2C</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
14	<del>OH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>
14	<del>OH</del>	<del>OH</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>1/2C</del>	<del>1/2C</del>	<del>1/2H</del>	<del>1/2H</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>	<del>OL</del>

## 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)

6-28-28

Species: POSE

PI: Martyn

Temp range: 5-25oC

Project: SA Species

DayHr: 12

Date 2020-08-25

## SA Levels/Codes

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

Name MH2 seeds placed → take avg

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	OC	1/2C	2W	2W	1/2C	2C	0W	1W	2C	8/9C	0W	0W																	
1	2C	2C	0W	0W	2C	2C	0W	8/9W	7/8C	7/8C	2W	2W																	
2	2H	2H	2L	2L	2H	2H	0H	7/8L	1L?	6/7H	1H	7/8L	0L																
2	0H	0H	0L	0L	2H	0H	1L	7/8L	0H	1H	7/8L	0L																	
3	6/7C	6/7C	0W		6/7C	2C	7/8W	7/8C	8/9C	8/9C	6/7W	7/8C	6/7C	0W	7/8W														
3	7/8C	8/9C	0W		DC	8/9C	7/8W	6/7W	8/9C	7/8C	0W	7/8W	2C	7/8C	9/10C	7/8W	2W												
4	2H	0H	0L	0L	2H	2H	2L	2L	7/8H	0H	9/10L	9/10L	0L	0H	4/5H	2L	9/10L												
4	0H	0H	2L	1L	2H?	0L	7/8L	7/8H	9/10H	0L	2L	0L	0H	7/8L	7/8L	7/8L	7/8L												
5	OC	OC	0W	0W	2C	0C	2W	2W	0C	7/8C	0W	2W	9/10C	9/10C	0W	0W													
5	OC	2C	2W	0W	2C	7/8C	2W	6/7W	1C?	0C	7/8V	8/9W	8/9C	8/9C	1W?	0W													
6	8/9H	0H	0L	0L	0H	2H	2L	2L	0H	7/8L	6/7L	0H	7/8L	7/8L	7/8L	1L													
6	8/9H	0H	0L	0L	0H	7/8L	7/8L	7/8H	6/7L	6/7L	6/7L	6/7L	6/7L	8/9L	7/8L	7/8L	7/8L												
7	8/9OC	2W	0W		2C	9/10W	2C	7/8C	0W	2W	0C	2C	7/8C	7/8C	0W	9/10W	9/10W												
7	OC	2C	0W	2W	OC	0W	2W	6/7C	6/7C	2W	6/7W	6/7C	6/7C	7/8W	0W														
8	0H	0H	0L	1L	0H	0H	0L	2L	6/7H	6/7H	2L	2L	7/8H	7/8H	2W	2L													
8	2H	2H	0L	2L	0H	2H	2L	2L	6/7H	0H	6/7L	1L	7/8H	0H	2W	2L	2L												
9	2C	2C			2C	2C	2W	1W	7/8C	7/8C	2W	2W	7/8C	7/8C	2C	0W	9/10V												
9	2C	2C	0W		2C	0C	0W	2W	0C	2C	2W	7/8C	7/8C	0W	9/10W														
10	0H	0H	2L	2L	0H	2H	2L	2L	6/7H	2H	2L	7/8L	7/8L	2H	6/7L	9/10V													
10	0H	2H	0L	1L	2H	2H	0L	9/10L	9/10L	1H	2H	2L	6/7L	0H	2H	0L	0V												
11	OC	OC	0W	0W	OC	OC	0W	0W	2C?	1C?	2W	2W	0C	1C	2W	2W	2W												
11	2C	0C	2W	1W	0C	2C	1W	0W	1C?	1C	2W	2W	6/7C	6/7C	0C	0W	2W												
12	1H	0H	0L	0L	2H	0H	0L	0L	0H	9/10L	6/7L	1L	1L	1L	2H	2L	2L												
12	0H	0H	2L	0L	2H	0H	0L	0U	1H	2H	0L	0L	1H	2H	0L	2L	2L												
13																													
13																													
14																													

## 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)