Northeast corner of 2B greenhouse (exhaust fan wall)

Block III

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Treatment 4 | | | | | |  | Treatment 2 | | | | | |  | Treatment 5 | | | | | |  | Treatment 1 | | | | | |  | Treatment 3 | | | | | |  | Treatment 6 | | | | | |
| 2 | 2 | 3 | 3 | 1 | 1 |  | 3 | 3 | 2 | 2 | 1 | 1 |  | 2 | 2 | 1 | 1 | 3 | 3 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 1 | 1 | 3 | 3 | 2 | 2 |  | 2 | 2 | 1 | 1 | 3 | 3 |
| 2 | 2 | 3 | 3 | 1 | 1 |  | 3 | 3 | 2 | 2 | 1 | 1 |  | 2 | 2 | 1 | 1 | 3 | 3 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 1 | 1 | 3 | 3 | 2 | 2 |  | 2 | 2 | 1 | 1 | 3 | 3 |
| 2 | 2 | 3 | 3 | 1 | 1 |  | 3 | 3 | 2 | 2 | 1 | 1 |  | 2 | 2 | 1 | 1 | 3 | 3 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 1 | 1 | 3 | 3 | 2 | 2 |  | 2 | 2 | 1 | 1 | 3 | 3 |

Block II

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Treatment 5 | | | | | |  | Treatment 1 | | | | | |  | Treatment 3 | | | | | |  | Treatment 4 | | | | | |  | Treatment 6 | | | | | |  | Treatment 2 | | | | | |
| 1 | 1 | 3 | 3 | 2 | 2 |  | 2 | 2 | 3 | 3 | 1 | 1 |  | 3 | 3 | 2 | 2 | 1 | 1 |  | 2 | 2 | 3 | 3 | 1 | 1 |  | 1 | 1 | 2 | 2 | 3 | 3 |  | 2 | 2 | 1 | 1 | 3 | 3 |
| 1 | 1 | 3 | 3 | 2 | 2 |  | 2 | 2 | 3 | 3 | 1 | 1 |  | 3 | 3 | 2 | 2 | 1 | 1 |  | 2 | 2 | 3 | 3 | 1 | 1 |  | 1 | 1 | 2 | 2 | 3 | 3 |  | 2 | 2 | 1 | 1 | 3 | 3 |
| 1 | 1 | 3 | 3 | 2 | 2 |  | 2 | 2 | 3 | 3 | 1 | 1 |  | 3 | 3 | 2 | 2 | 1 | 1 |  | 2 | 2 | 3 | 3 | 1 | 1 |  | 1 | 1 | 2 | 2 | 3 | 3 |  | 2 | 2 | 1 | 1 | 3 | 3 |

Block I

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Treatment 4 | | | | | |  | Treatment 6 | | | | | |  | Treatment 2 | | | | | |  | Treatment 3 | | | | | |  | Treatment 5 | | | | | |  | Treatment 1 | | | | | |
| 1 | 1 | 2 | 2 | 3 | 3 |  | 1 | 1 | 3 | 3 | 2 | 2 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 1 | 1 | 2 | 2 | 3 | 3 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 3 | 3 | 2 | 2 | 1 | 1 |
| 1 | 1 | 2 | 2 | 3 | 3 |  | 1 | 1 | 3 | 3 | 2 | 2 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 1 | 1 | 2 | 2 | 3 | 3 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 3 | 3 | 2 | 2 | 1 | 1 |
| 1 | 1 | 2 | 2 | 3 | 3 |  | 1 | 1 | 3 | 3 | 2 | 2 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 1 | 1 | 2 | 2 | 3 | 3 |  | 3 | 3 | 1 | 1 | 2 | 2 |  | 3 | 3 | 2 | 2 | 1 | 1 |

This area is the sidewalk and the 1st, 2nd, and 3rd benches on left were used for final layout (see photos).

Legend:

Treatment 1=Control (non-saline tap water) (EC ≈0.7)

Treatment 2=Brackish groundwater (EC ≈4)

Treatment 3=NaCl1 (EC ≈4)

Treatment 4=Reverse osmosis concentrate (EC ≈8)

Treatment 5=NaCl2 (EC ≈8)

Treatment 6 = NaCl (300 mM NaCl; EC ≈30)

1=*Lepidium alyssoides*

2=*Atriplex canescens*

3=*Atriplex lentiformis*

Each square represents a single plant with each vertical row representing one, three-plant replication. The double rows are for two separate harvests, one row harvested at midway point, the other row for final harvest. Not shown is harvest #1 which will be harvested at the beginning of salt treatment and saved for analysis.