**S1 Table. Comparison of soil from three sites used in experiment**

|  |  |  |  |
| --- | --- | --- | --- |
| Soil Factor | Site | | |
|  | SFREC | HREC | SJER |
|  |  |  |  |
| Total N (g kg-1)a | 3 to 5 | 1.5 to 3 | 1 to 1.5 |
| Texturea | Silty clay loam | Loam | Sandy loam |
| Water-holding Capacity (%)b | 66 | 64 | 54 |
| Parent Materiala | Metamorphosed basalt | Sandstone/greywacke | Dissolved granite |
| Precipitation (cm)c | 74 | 94 | 56 |
| N deposition (kg ha-1 yr-1)d | 6 to 10 | 2 to 5 | 7 to 13 |

aDahlgren et al. 2003

bTulloss *unpublished data*

cCalifornia Irrigation Management Systems 2009

dThroughfall/bulk N deposition from canopy and open areas (Tulloss & Cadenasso 2015)