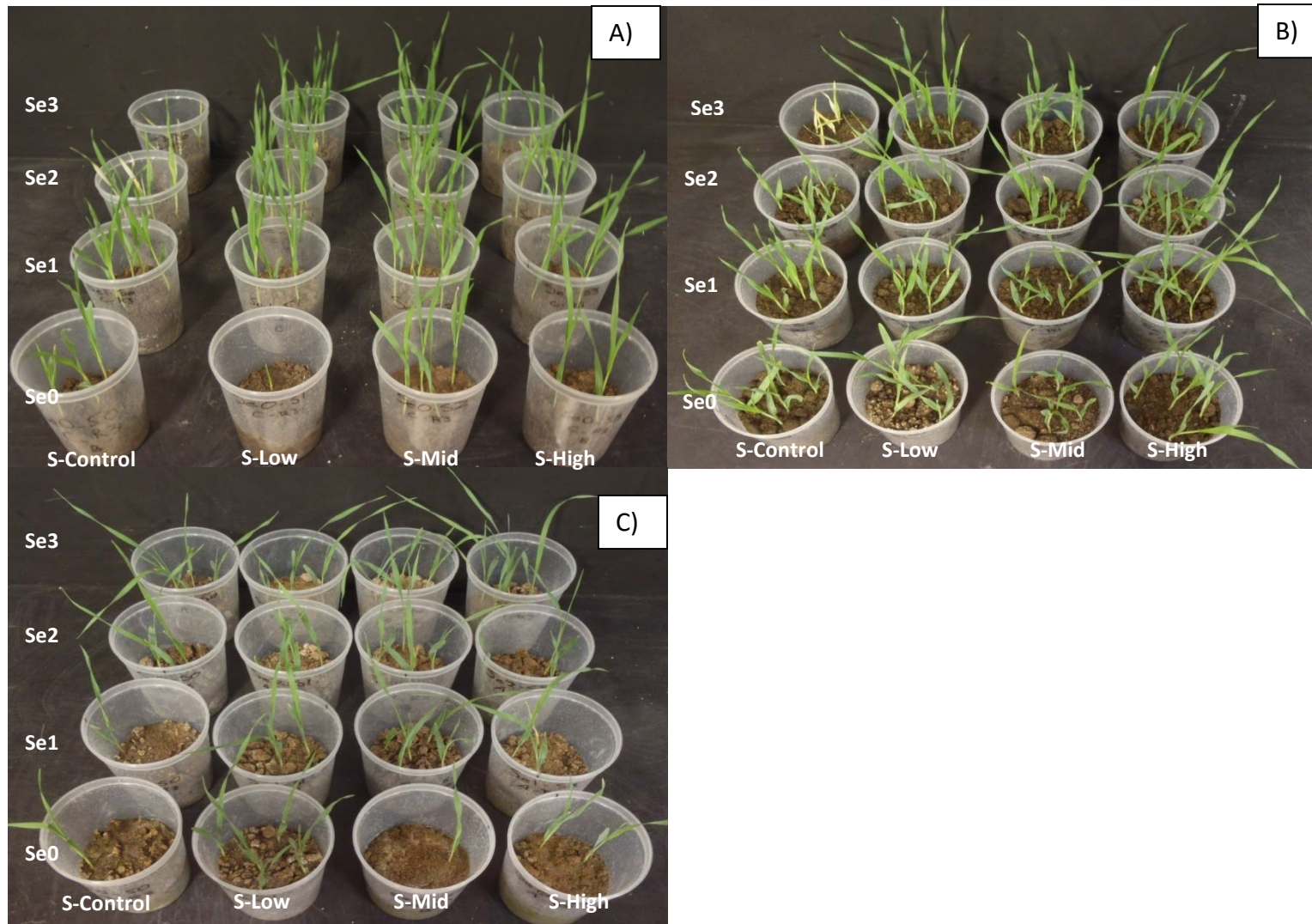**Appendix A**

Figure A- 1. Concentration response relationship in the above-ground biomass for barley in A) coarse, B) fine and C) artificial soil.
Note: the numbers in the diagram refer to the various selenium and S concentrations and the pots represent 1 replication.
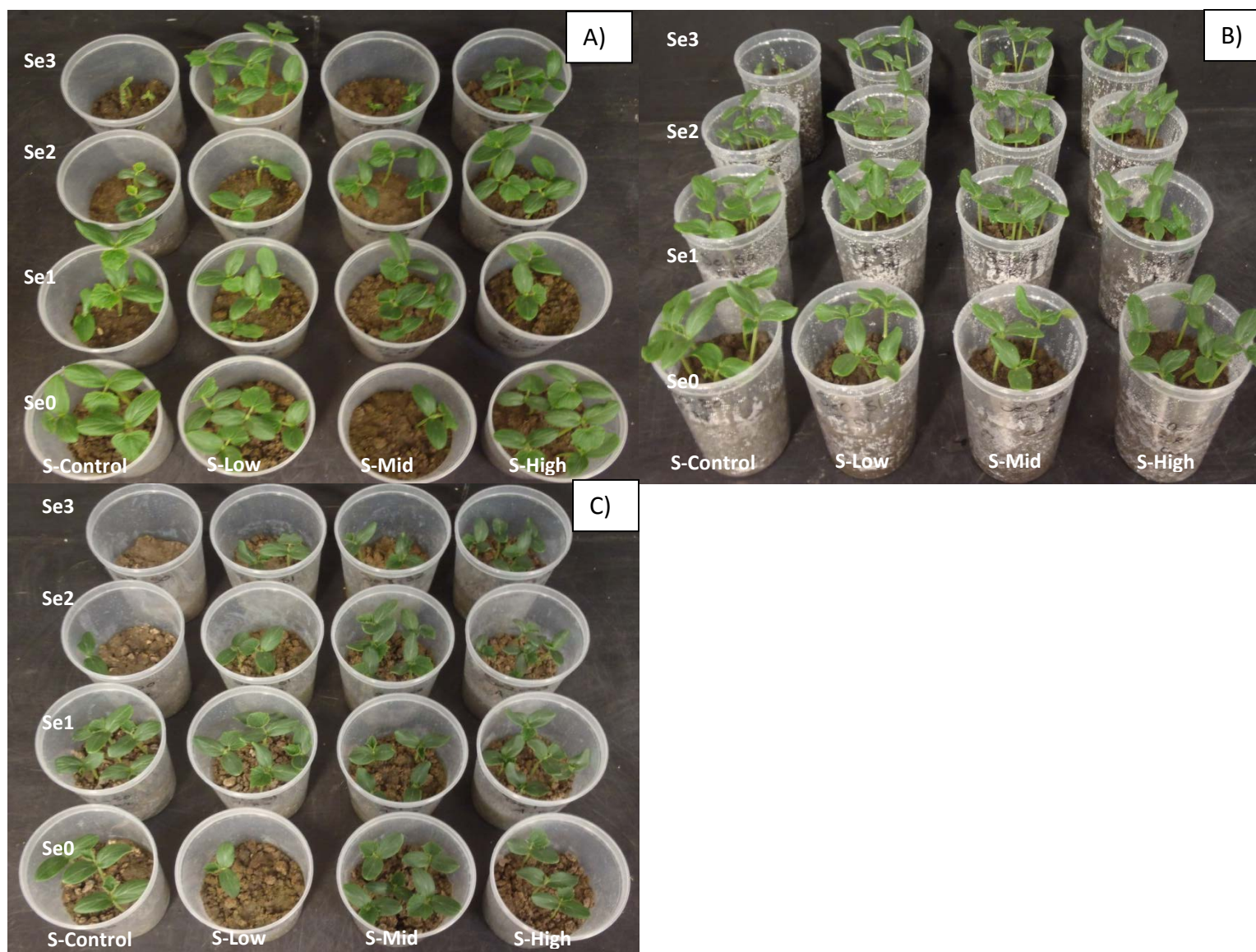
Figure A- 2. Concentration response relationship in the above-ground phytomass for Cucumber in A) coarse, B) fine and C) artificial soil. Note: the numbers in the diagram refer to the various selenium and S concentrations and the pots represent 1 replication.
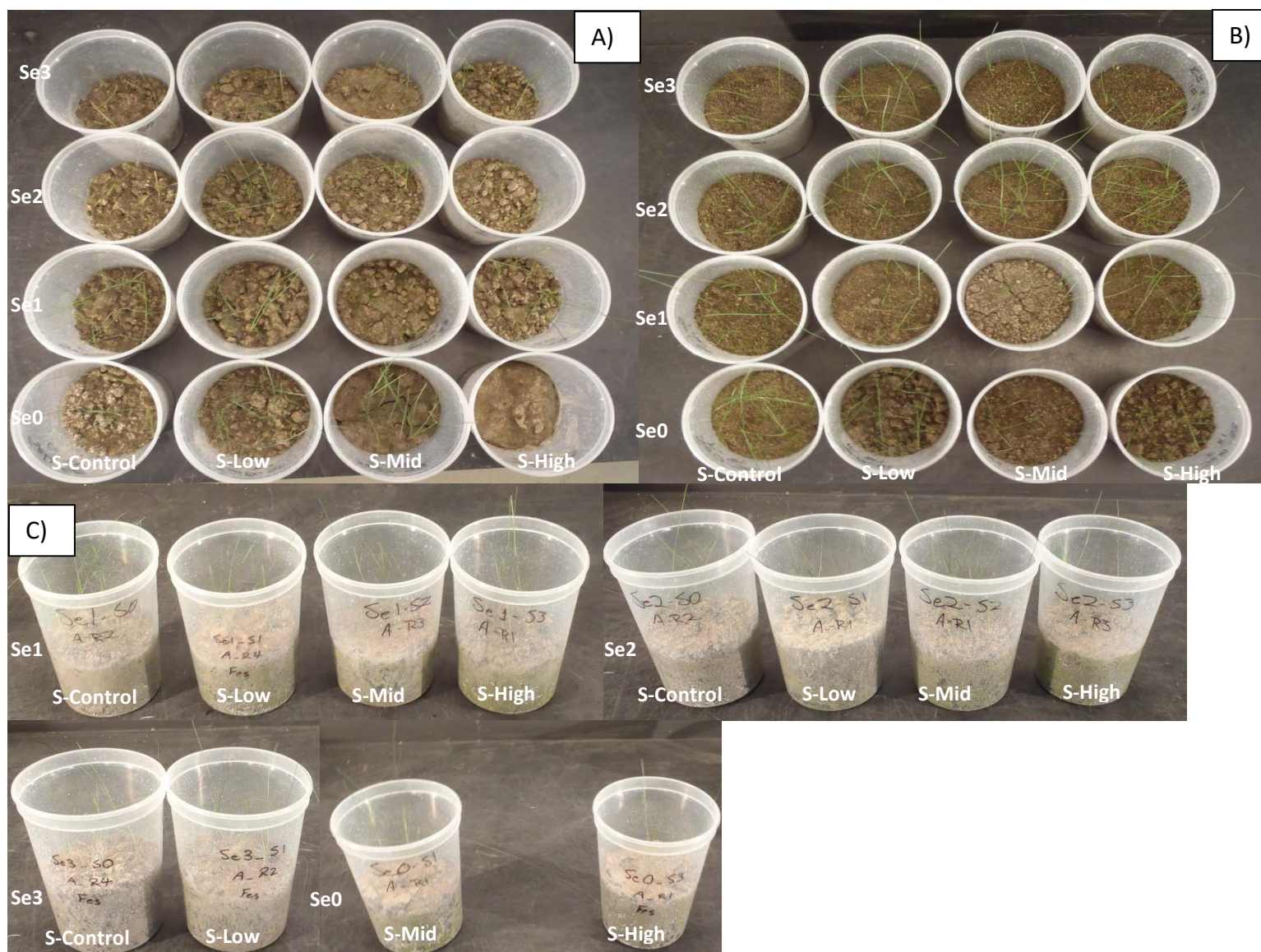
Figure A- 3. Concentration response relationship in the above-ground biomass for red fescue in A) coarse, B) fine and C) artificial soil. Note: the numbers in the diagram refer to the various selenium and S concentrations and the pots represent 1 replication.
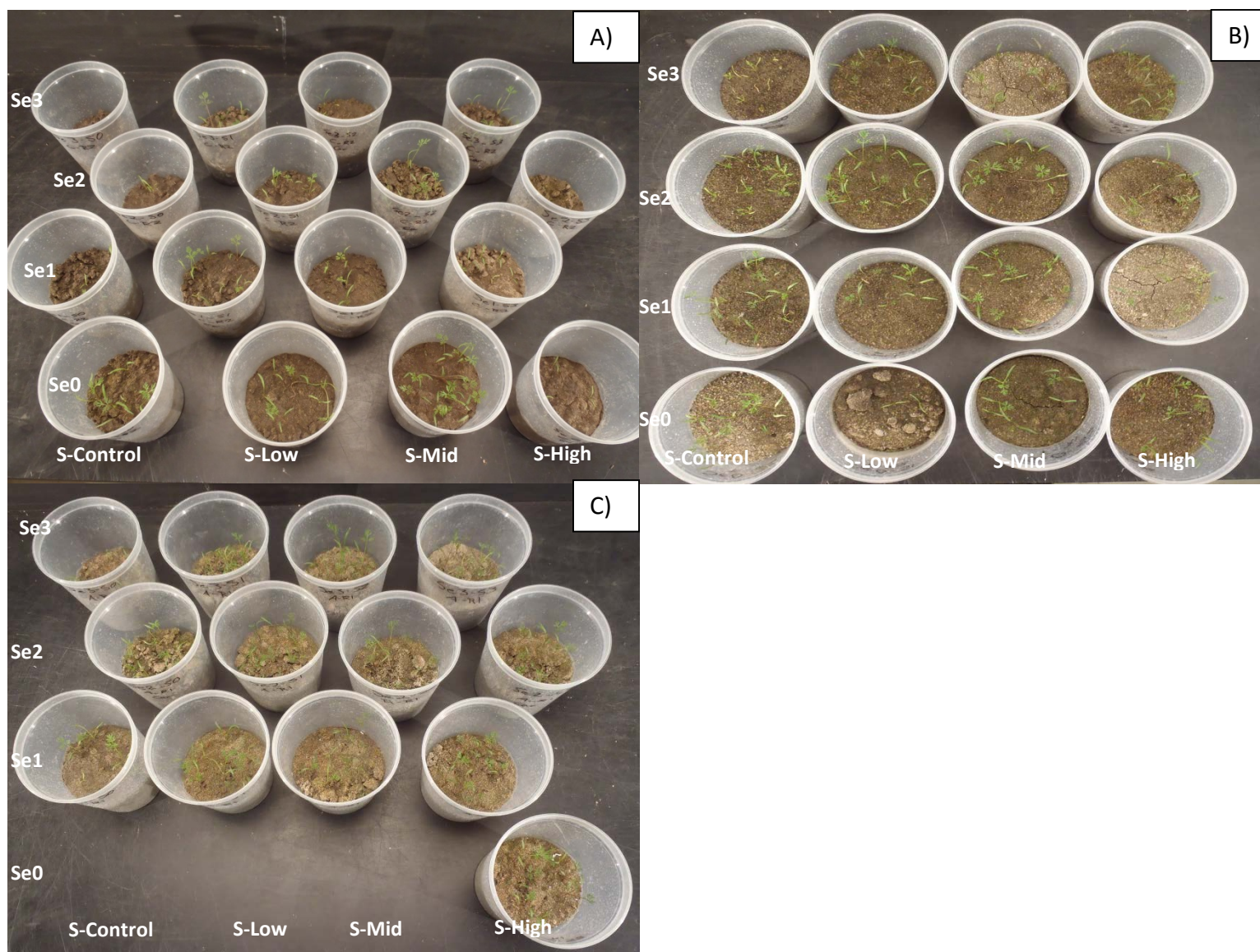
Figure A- 4. Concentration response relationship in the above-ground biomass for carrot in A) coarse, B) fine and C) artificial soil.
Note: the numbers in the diagram refer to the various selenium and S concentrations and the pots represent 1 replication.
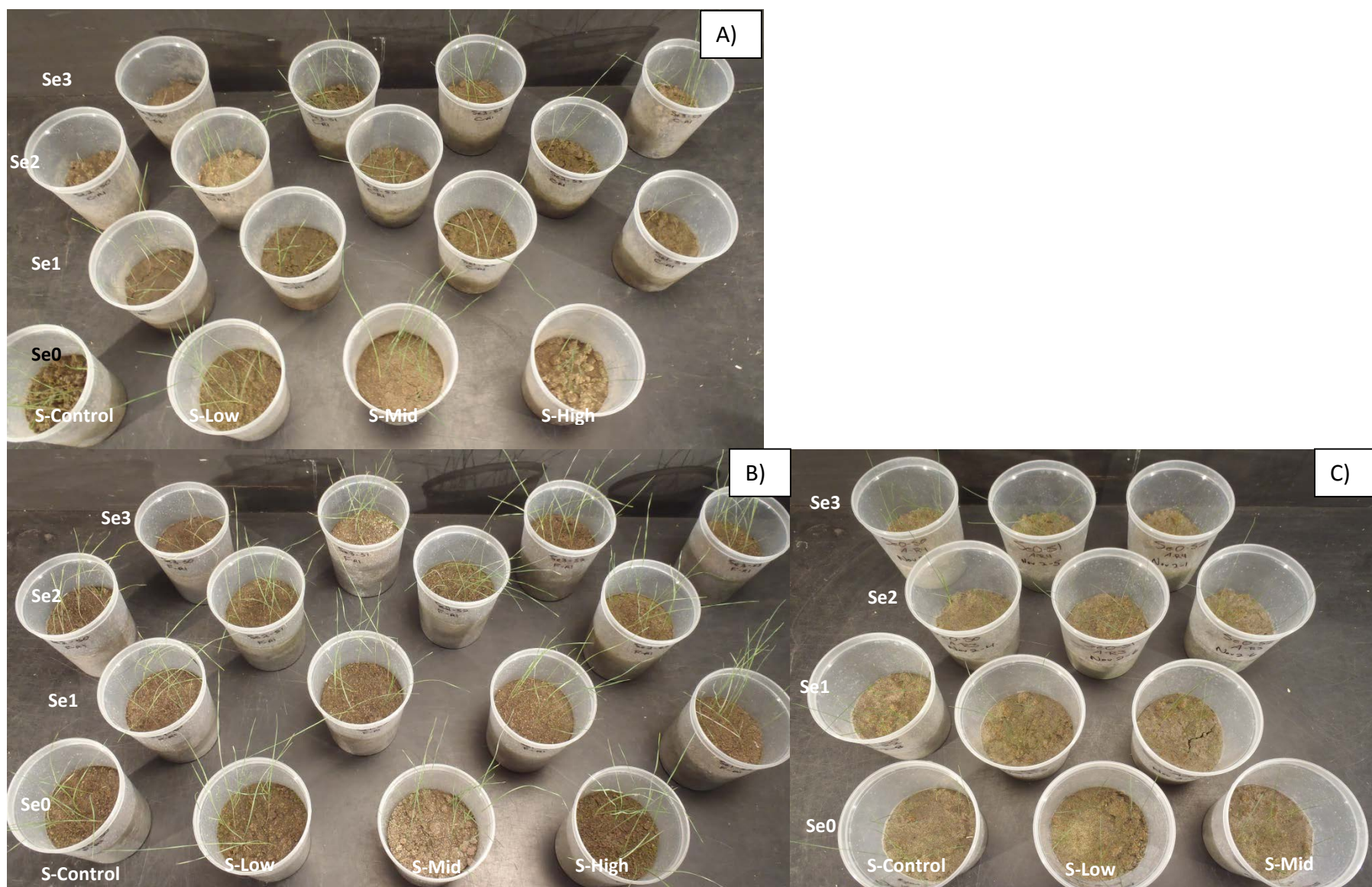
Figure A- 5. Concentration response relationship in the above-ground biomass for Northern wheatgrass in A) coarse, B) fine and C) artificial soil. Note: the numbers in the diagram refer to the various selenium and S concentrations and the pots represent 1 replication.
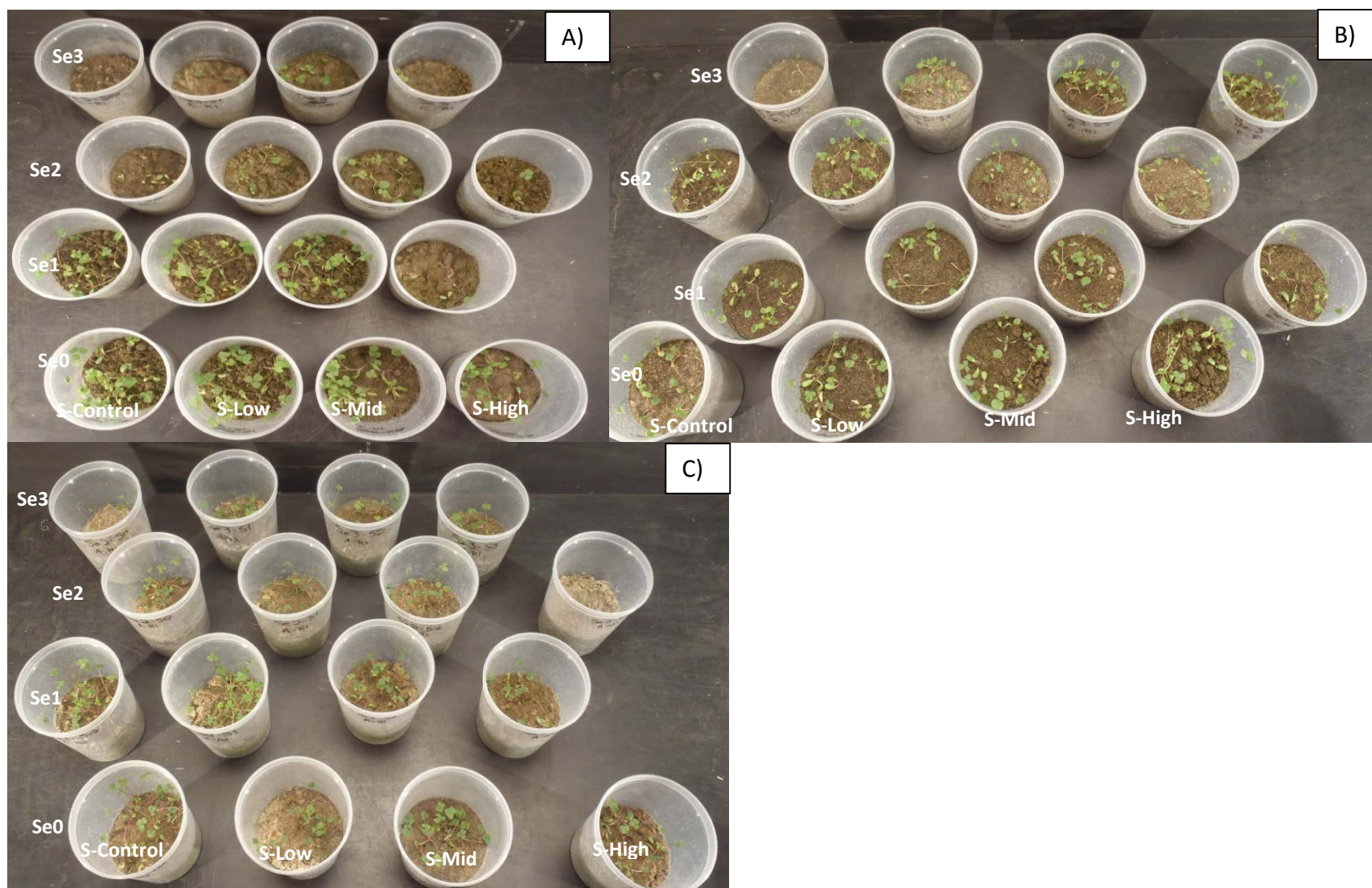
Figure A- 6. Concentration response relationship in the above-ground biomass for alfalfa in A) coarse, B) fine and C) artificial soil. Note: the numbers in the diagram refer to the various selenium and S concentrations and the pots represent 1 replication.
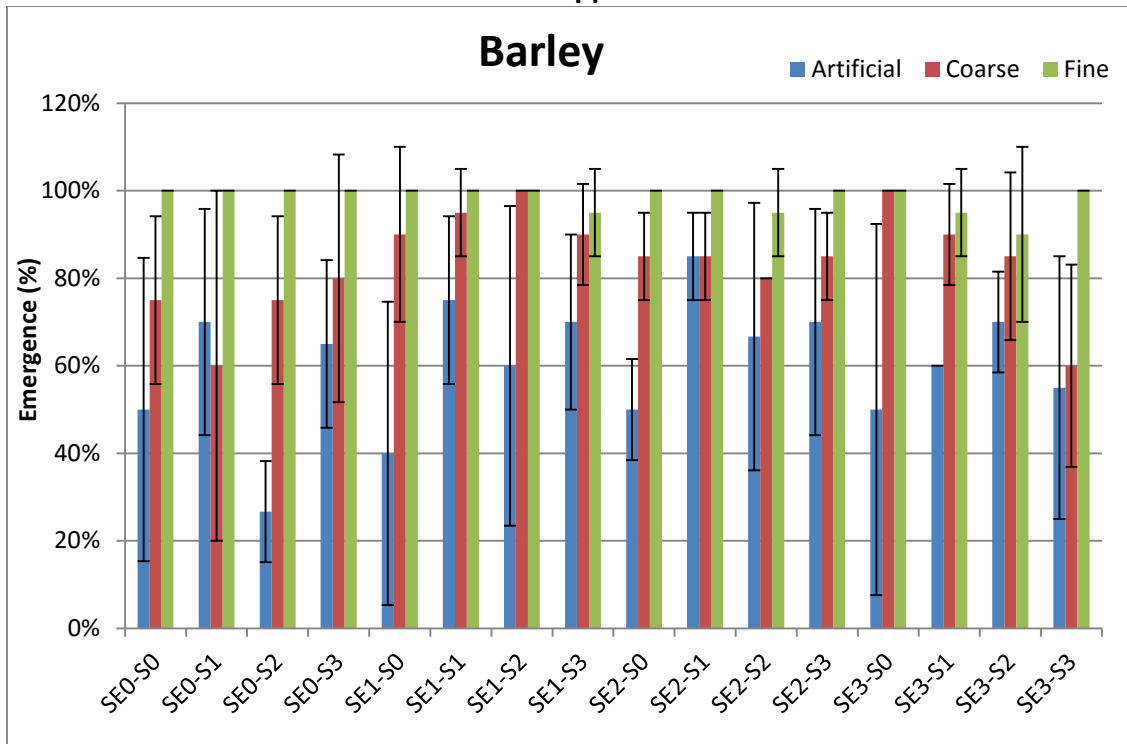
Figure B- 1. Barley emergence data (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments.
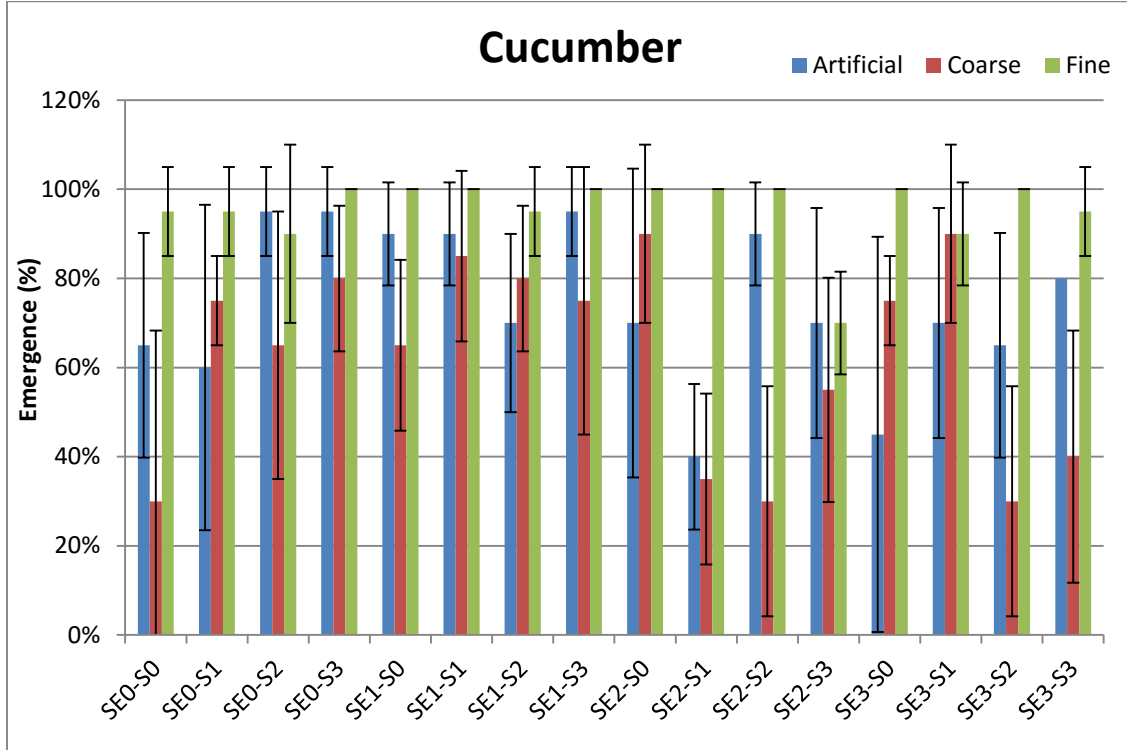

Figure B- 2. Cucumber emergence data (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments.
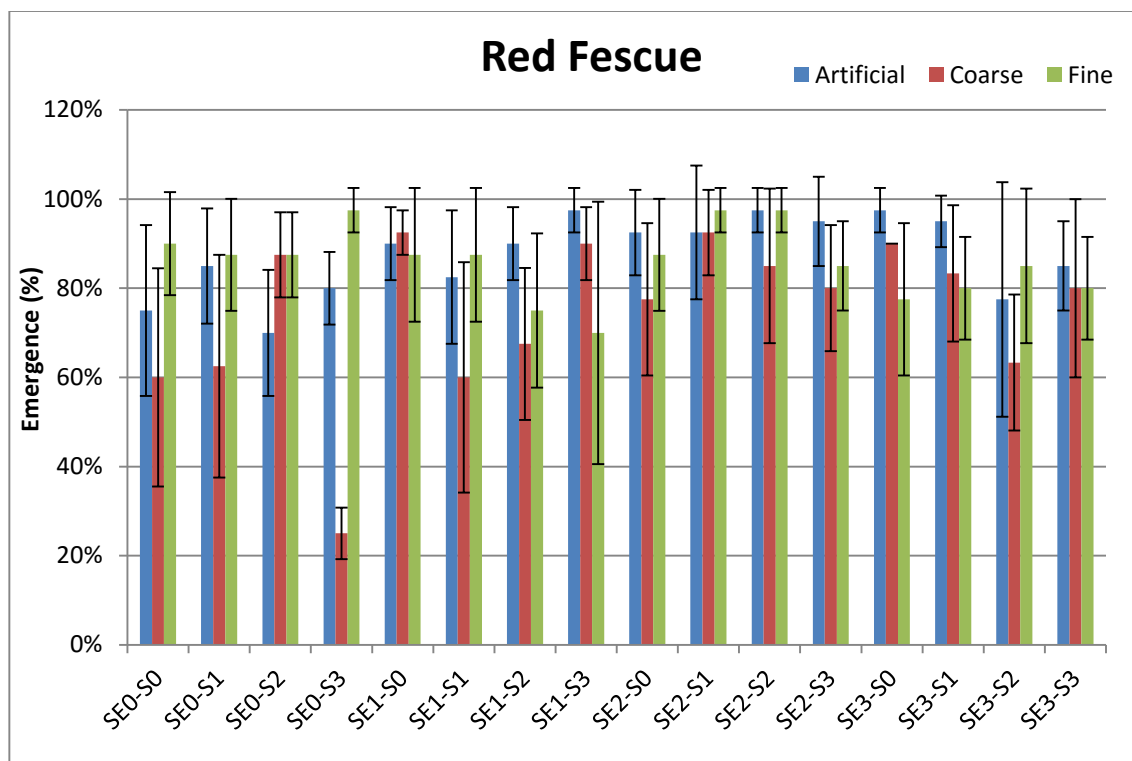
Figure B- 3. Red fescue emergence data (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments.
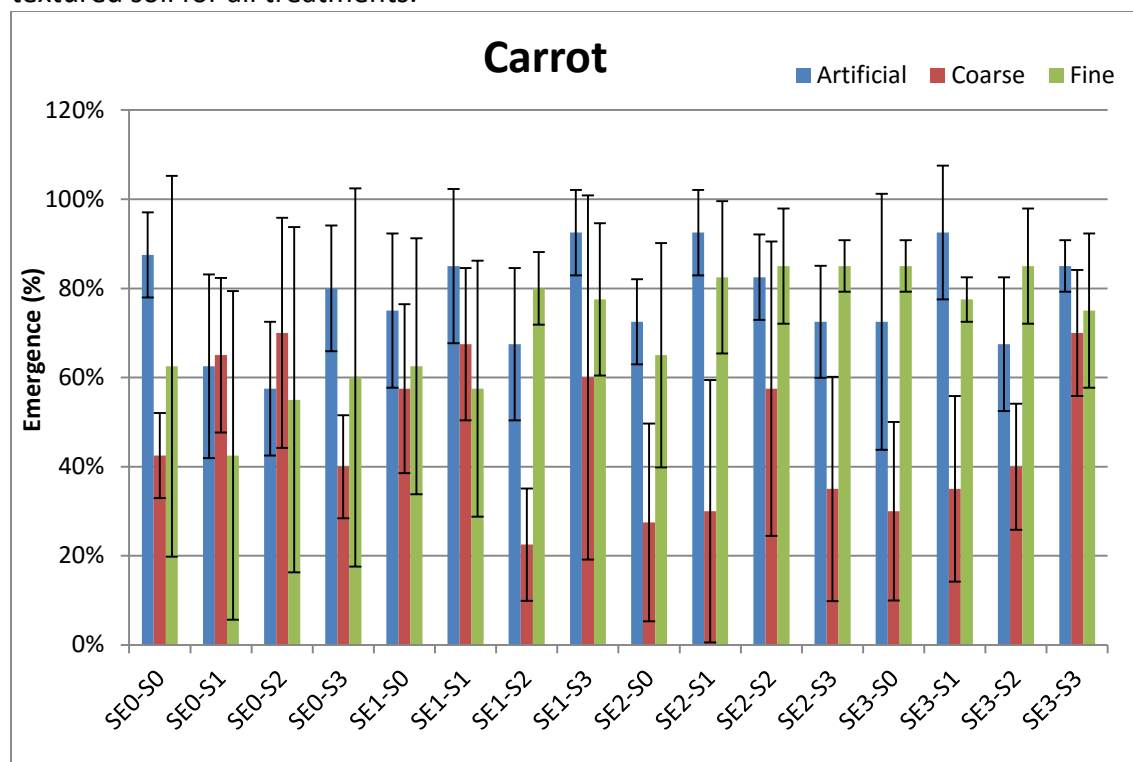

Figure B- 4. Carrot emergence data (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments.
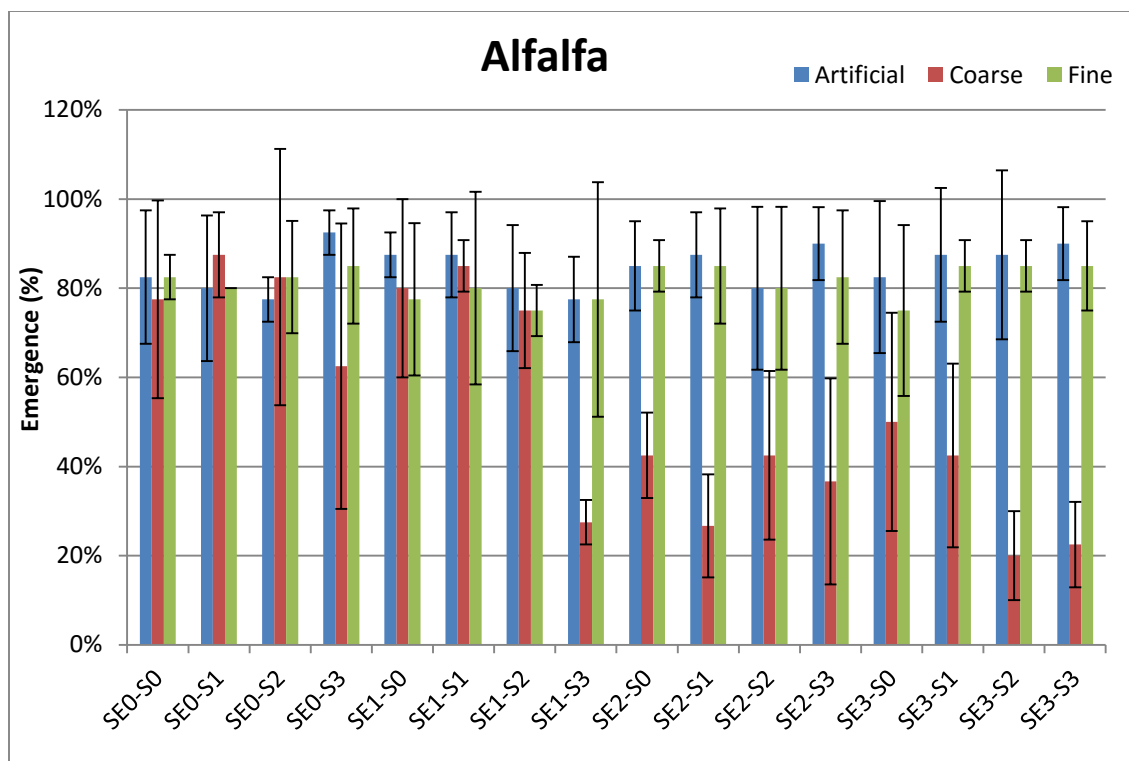
Figure B- 5. Alfalfa emergence data (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments.
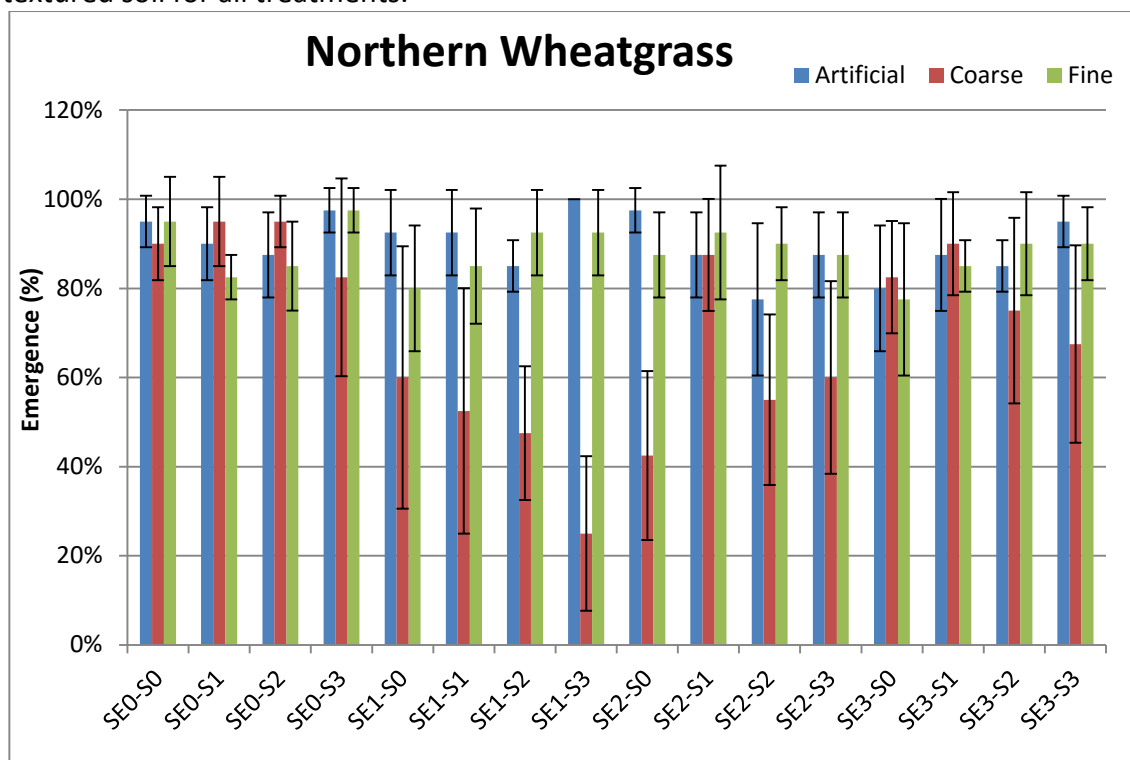

Figure B- 6. Northern wheatgrass emergence data (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments.
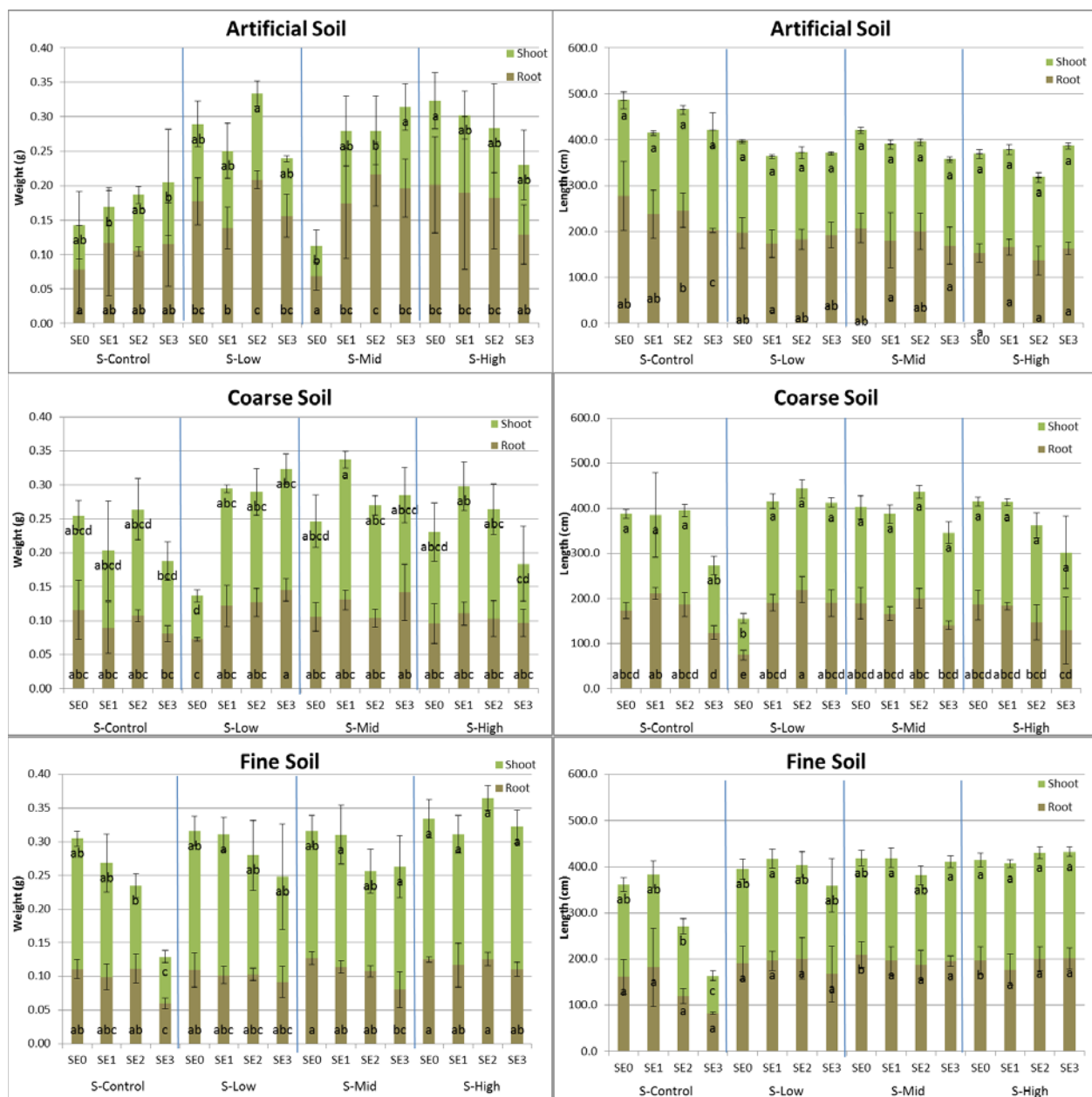
Figure B- 7. Barley shoot and root weight and length (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments. Treatments with the same letter are statistically not significant (P≤0.05).
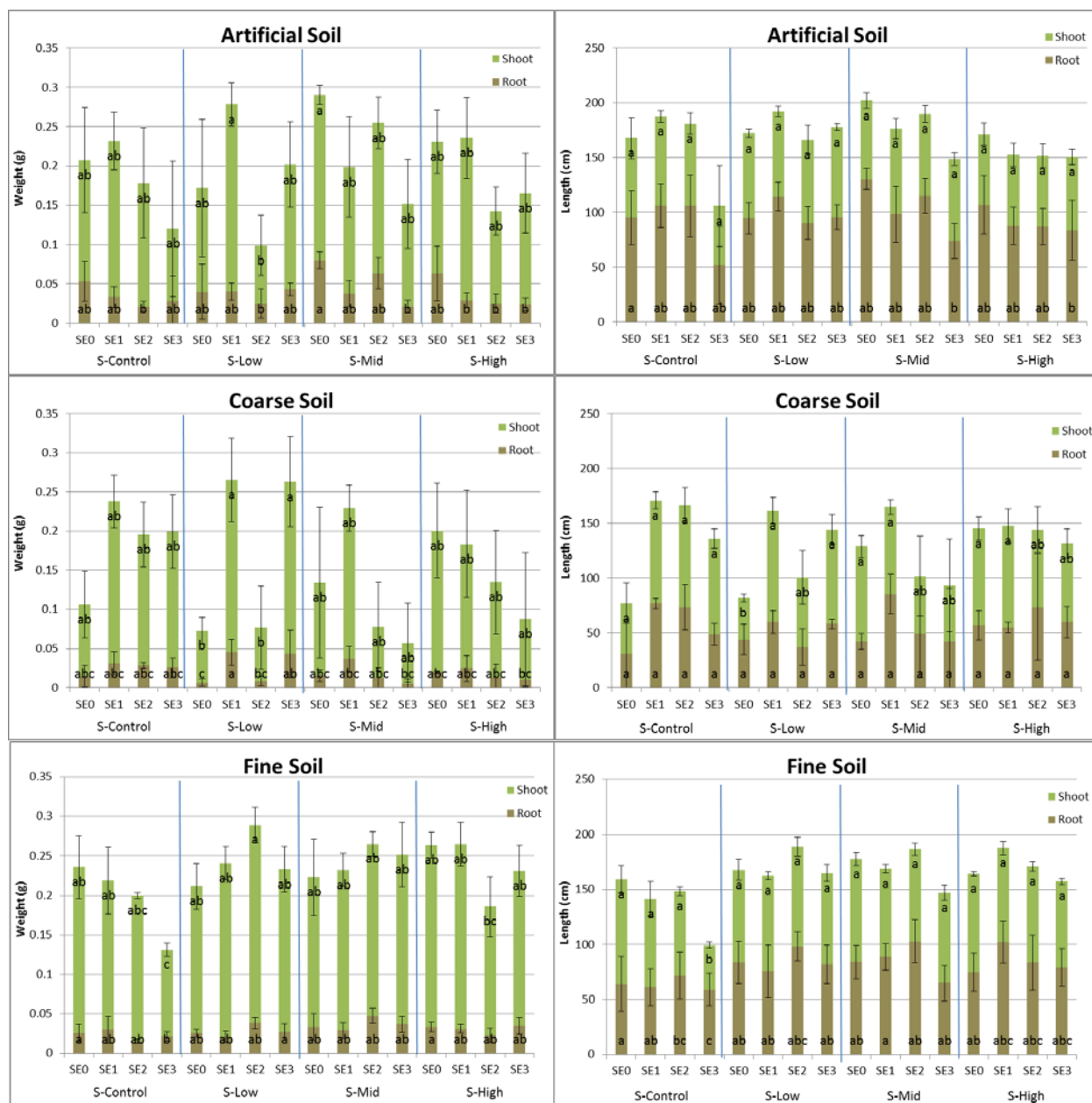
Figure B- 8. Cucumber shoot and root weight and length (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments. Treatments with the same letter are statistically not significant (P≤0.05).
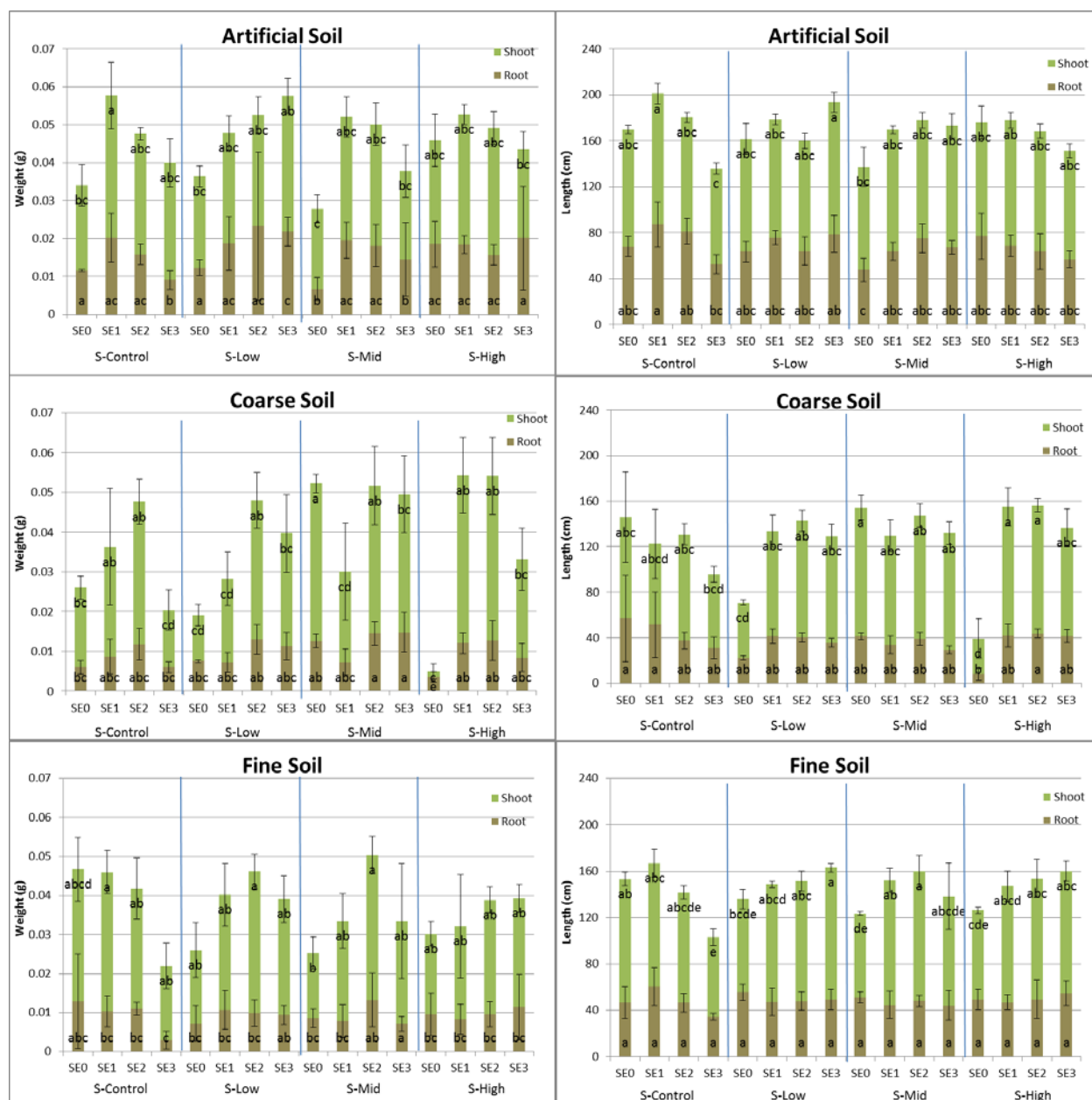
Figure B- 9. Red fescue shoot and root weight and length (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments. Treatments with the same letter are statistically not significant (P≤0.05).
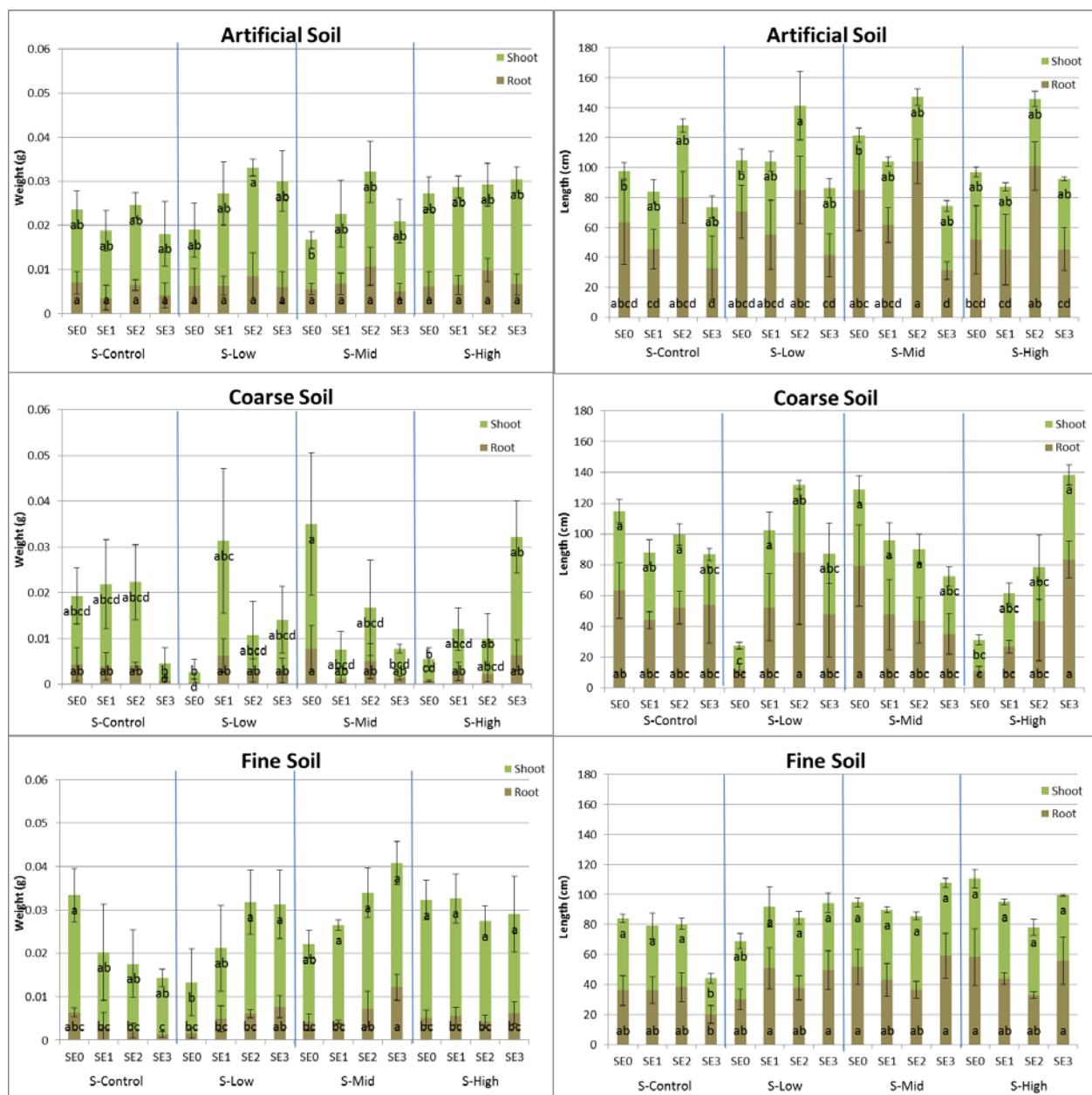
Figure B- 10. Carrot shoot and root weight and length (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments. Treatments with the same letter are statistically not significant (P≤0.05).
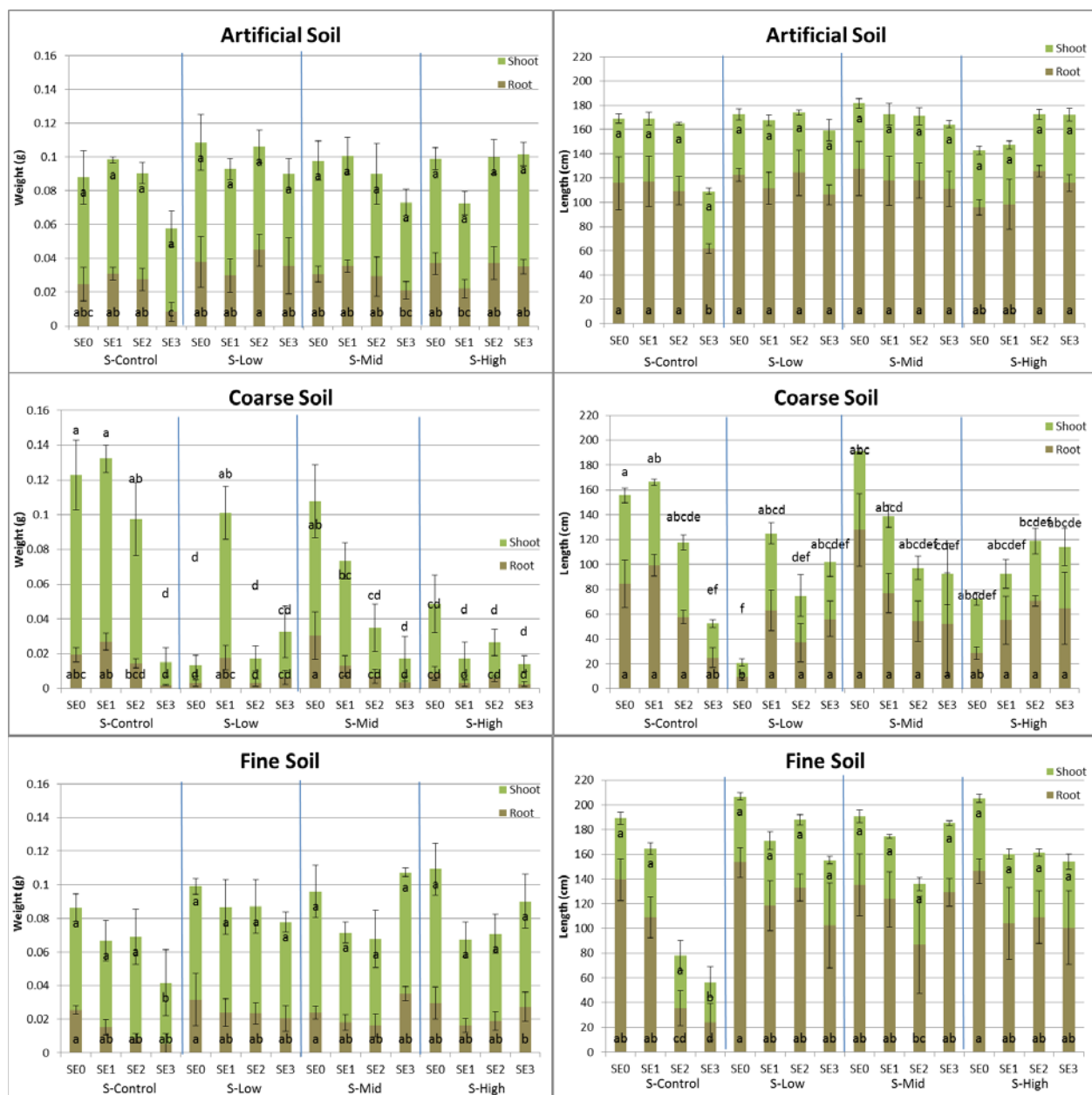
Figure B- 11. Alfalfa shoot and root weight and length (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments. Treatments with the same letter are statistically not significant (P≤0.05).
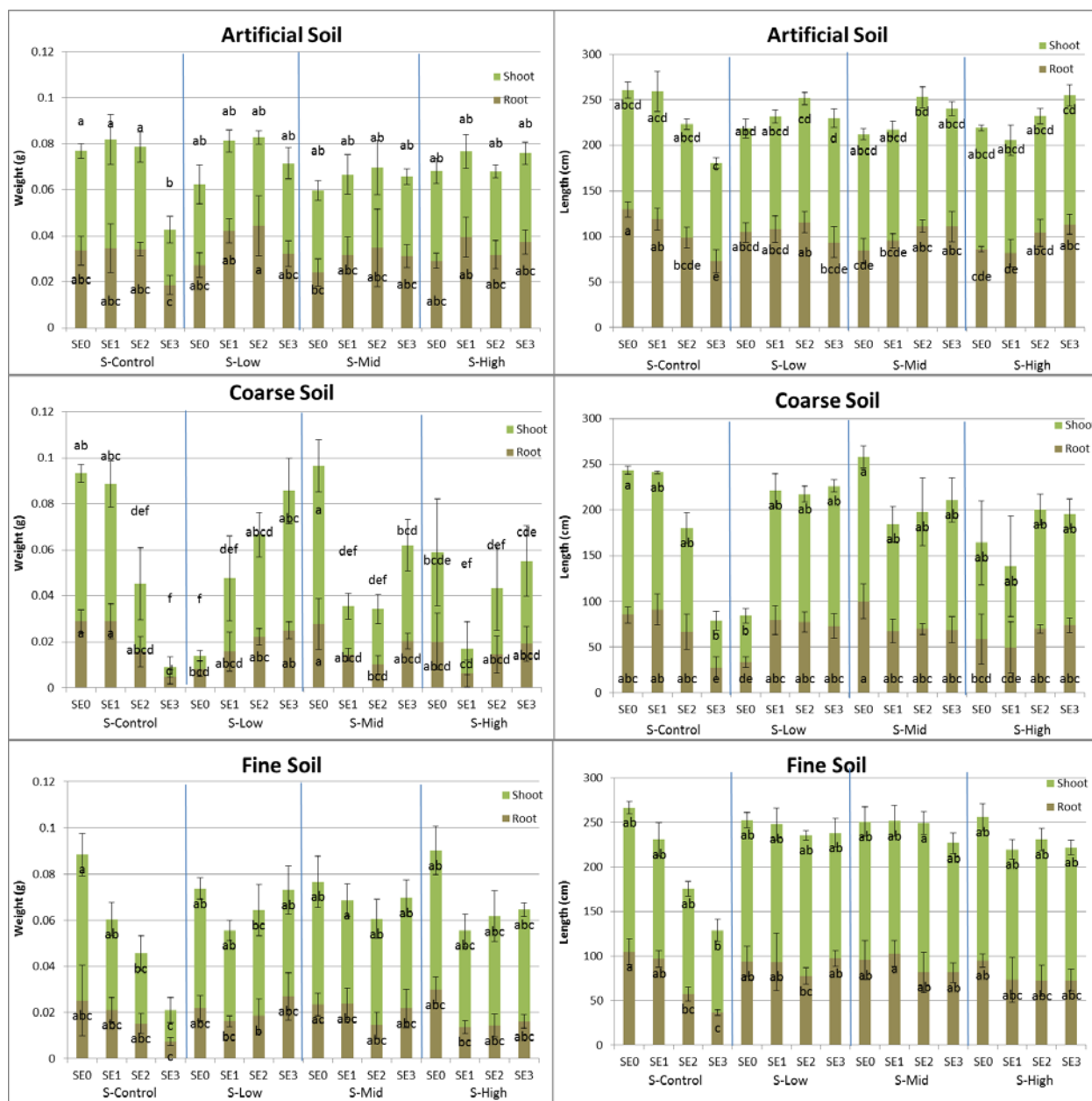
Figure B- 12. Northern wheatgrass shoot and root weight and length (mean ± standard deviation) in artificial, coarse and fine textured soil for all treatments. Treatments with the same letter are statistically not significant (P≤0.05).