

SOIL HEALTH REPORT CARD

To the Guardians of
 Canada's Soils
 House of Commons
 Ottawa, Ontario
 Canada
 K1A 0A6

Name Canada		ID 18671981
Grade 154 years	Home Room Ottawa	Teacher SCCC
Report Year 2021	Report Date April 18	

Indicator	West	East	Overall Grade	Comments
Soil Health Awareness SHA1000	B+	A	B+	Excellent recent improvement in familiarity with the subject / work required for practical application of the subject.
Organic Carbon Matters SOM2000	A	C-	C+	Needs to work towards a more consistent application of the subject matter.
Biologic Diversity & You BDY2010	B+	B-	B	Clear potential for an A but recent shorter rotations in West and lack of crop alternatives to corn & soy problematic in East.
Conserving Soil Through Better Management CTL2020	B+	C+	B	Great improvements made in keeping crop residues on the soil surface, particularly in the West; however, increase in shallow tillage a concern. Attention must be given to reducing soil movement.
4R Nutrient Management Today NMT3010	B+	C	C+	Recent decline in West's performance with increased broadcast application of N / East needs to try harder to band N.

SOIL HEALTH REPORT CARD

To the Guardians of
 Canada's Soils
 House of Commons
 Ottawa, Ontario
 Canada
 K1A 0A6

Name Canada		ID 18671981
Grade 154 years	Home Room Ottawa	Teacher SCCC
Report Year 2021	Report Date April 18	

Indicator	West	East	Overall Grade	Comments
Cover Cropping in the New Millennium CCNM3030	D	B	C	Lack of comprehension of subject matter in West / excellent progress in East in practical application of the subject.
Soils & Crop Diseases SCD3050	C+	A	B	West's grain export industry and broad acreage of some grains makes for vulnerability on international markets.
Diagnosing Soil Health Issues HLT4010	B-	B-	B-	Technology to monitor soil and crop conditions within farms and fields is widely available. More effort is required to collect data and turn it into informed decisions.
Making Cents with Soil AGB4050	C-	C-	C-	Poor soil health caused by decades of past management practices is cutting into farm profits, and hurting the environment. Greater attention must be given to the costs and benefits of soil management practices going forward.