

PRESERVING SOIL

IN LESS THAN 40 YEARS, IT'S ESTIMATED THAT HALF OF THE CURRENT LAND WE USE TO GROW CROPS WILL BECOME UNUSABLE DUE TO DESERTIFICATION AND LAND DEGRADATION. THIS LOSS OF SOIL PRODUCTIVITY AND PLANT COVER IS PRIMARILY CAUSED BY UNSUSTAINABLE

AGRICULTURAL PRACTICES SUCH AS INTENSIVE TILLAGE, AND PROLONGED DROUGHT. BY USING BIOTECHNOLOGY AND CROP PROTECTION PRODUCTS, FARMERS CAN EMPLOY CONSERVATION AGRICULTURE, PROTECTING LAND FOR FUTURE GENERATIONS.

REDUCING SOIL EROSION

BY ENABLING CONSERVATION AGRICULTURE AROUND THE WORLD

CANADA

IN CANADA, 64% OF FARMERS PLANTING HERBICIDE-TOLERANT CANOLA ARE USING ZERO AND MINIMAL TILLAGE PRACTICES – 86% HAVE **REDUCED SOIL EROSION** AND 83% INDICATED **GREATER SOIL MOISTURE**¹³

CHINA

IN CHINA, USING HERBICIDES INSTEAD OF TILLAGE IN TEA FIELDS CAN **REDUCE SOIL EROSION BY UP TO 80%**¹⁵



UNITED STATES

USING HERBICIDES TO CONTROL WEEDS IN THE U.S. REDUCES SOIL EROSION BY AN ESTIMATED **356 BILLION POUNDS EACH YEAR**¹⁴

ARGENTINA

IN ARGENTINA, THE INTRODUCTION OF HERBICIDE-TOLERANT SOYBEANS INCREASED NO-TILL ADOPTION FROM ABOUT 33% TO **MORE THAN 80%** BETWEEN 1996 AND 2008¹⁶