

# HIGH COST OF FARM SURFACE WATER

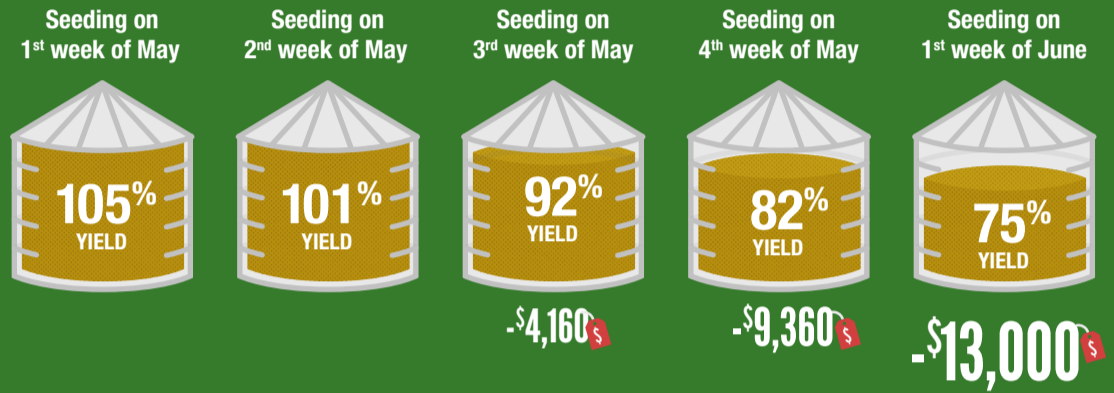
All calculations are based on average prices of 160 acres spring wheat

## SPRING WHEAT



### DELAYED SEEDING

Potential yield and revenue losses due to saturated soil seeding delays



40% LOSS



### CROP STRESS

Potential yield and revenue loss from exposure to four days (July) saturated soils

-\$24,320

### DOWNGRADING

Potential revenue loss if mature crop is weather exposed and harvest delayed due saturated soils

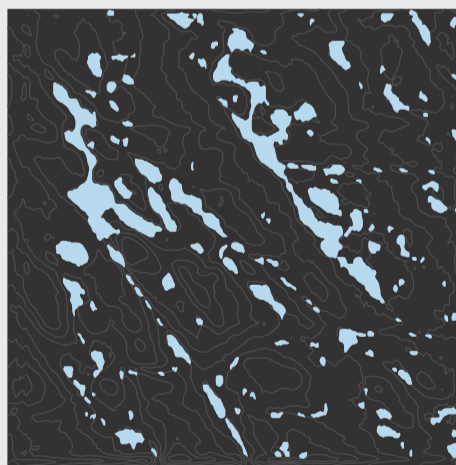


### DROWN OUTS

Potential revenue loss due to water collecting in field depressions

-\$5,200

10% Acres



### SMART WATER MANAGEMENT

Smart Water provides knowledge of field water flow and accumulation, and actions to mitigate excess field water. A full farm water management plan will help prioritize yield loss risk and implement a cost effective drainage strategy.

Examples are based on: Crop – Spring Wheat Grade #1 – \$6.50 / bu Grade #3 – \$5.96 / bu Yield–50 bu / ac Field Size –160 acres

Sources MAFRD Manitoba Agriculture, Food and Rural Development MASC Manitoba Agricultural Services Corporation AAFC Agriculture and Agri-Food Canada