

## **Fertilizer Management Challenges for Direct Seeding**

Western Canada has a long history of farming in a short growing season with variable precipitation and so has also been a leader in finding solutions to seed and fertilize with minimal soil disturbance. Direct seeding has tremendous value in many respects but can pose some challenges when direct seeding is adopted. We will first remember why we have adopted better fertilizer practices for our farming conditions, consider how some of these best practices are essential to 4R fertilizer management, and ask what questions are still not answered.