

# THE 2020 SOIL FERTILITY REFRESHER

- Are you an Ag degree/diploma graduate?
- Could your soil fertility knowledge use a “tune-up”?
- Brushing up for your CCA exam?
- Join us for 2 days of advanced soil fertility training!

**Where: Brandon Ag Extension Centre, 129 Queens Ave, Brandon**

**Date: Wednesday and Thursday, January 15-16, 2020**

**9:00 am – 4:00 pm**

**Instructors:** Don Flaten, P.Ag. (University of Manitoba)  
John Heard, P.Ag. (Soil Fertility Extension, MB Agriculture and Resource Development)  
Marla Riekman, P.Ag. (Soil Management Specialist, MB Agriculture & Resource Development)

**Contents:**

1. Basic soil properties and productivity
2. Nitrogen, Phosphorus, Potassium, Sulphur, Micronutrients
  - a. Form and behaviour in soil
  - b. Nutrient uptake, function and deficiency symptoms
  - c. Fertilizer source, placement, timing and rate
3. Soil test interpretation and recommendations

**Materials:**

- Nutrient Management Modules, lecture notes
- Limited to 30 participants.
- Preregistration with John Heard is required. Contact John at: [John.Heard@gov.mb.ca](mailto:John.Heard@gov.mb.ca) 204 745-8093 or send in the following form by mail to Box 1149, Carman, MB R0G 0J0
- For CCAs, 9 Nutrient Management CEUs and 3 Soil and Water Management CEUs are available.

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**Registration for 2019 Soil Fertility Refresher:**

**Names:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Cost:** \$100 cheque made out to Manitoba Soil Science Society

Mail to: Manitoba Agriculture, c/o John Heard, Box 1149, Carman, MB R0G 0J0