



# Canada News

**A&L Canada  
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## Soil Stewardship Group—Changing Your Perspective

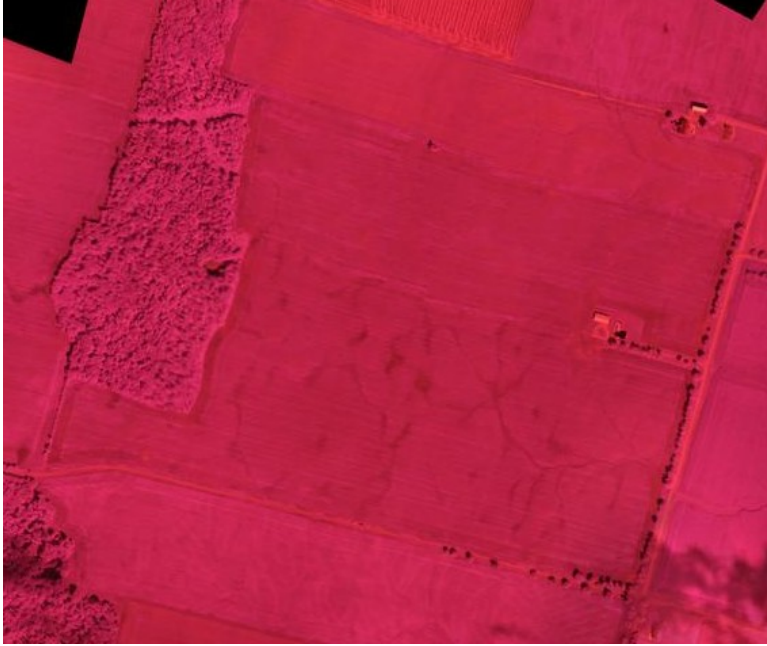
Have you ever sat by the window in an airplane and noticed how different things on the ground look once you are in the air? With our Remote Sensing Drone Plane we are able to capture this perspective.



*As the Remote Sensing Drone Plane flies over the field following a predetermined flight plan it takes many pictures which are later stitched together to form one big image.*

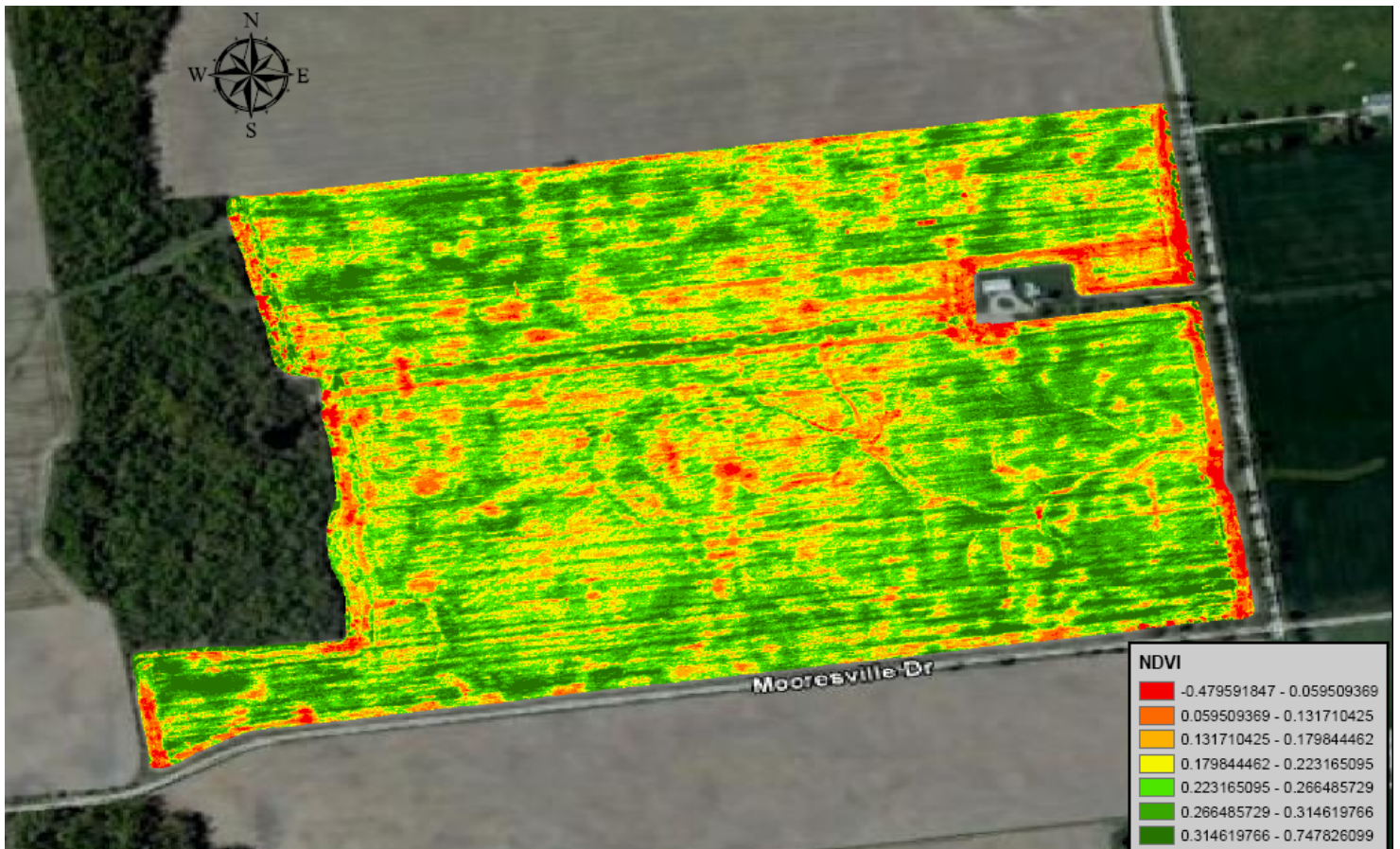
Since the plane is only 7 feet wide and 4 feet long we can acquire crystal clear imagery at a very reasonable price. The plane is run with an electrical motor and has GPS and autopilot built in. There are two cameras mounted on the wings of the plane, one takes full colour imagery and the other takes infra red imagery.

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Infra red imagery measures the amount of infra red light that is reflected by the plant. The pigment in plant leaves strongly absorbs visible light while strongly reflecting infra red light..

We use this information to create a NDVI (Normalized Difference Vegetation Index), which tells us a lot about the crop in the field. The NDVI allows us to measure the general fertility of the field, how the crop is progressing and disease pressure within a field. In combination with site specific sampling this becomes a powerful tool to reach maximum yield potential.







## Soil Fertility Workshops 2011

In The Month of March  
Location is at A&L Laboratories  
2136 Jetstream Road  
London On

***STILL ROOM AVAILABLE!***

### Schedule:

#### March 2, 2011 Level 1

##### Workshop(1 Day)

8:00 Registration

8:30-5:00 Program

#### March 8 or March 10,

##### 2011 Level 2

##### Workshop(1 Day)

8:00 Registration

8:30-5:00 Program

#### March 23, 2011 Level 3 (1 Day)

8:00 Registration

8:30-5:00 Program

#### Registration Fee:

-\$85.00 per person Plus HST, Total  
**\$96.05**

-Registration is limited to the first  
35 per workshop

-Includes A&L Reference Material,  
lunch and snacks

-payable by Cheque or Visa

**For more information please**

**call A&L at: 519-457-2575**

**Fax to: 519-457-2664**

Please check off which day that you will be attending

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### Registration Form: Soil Fertility Workshops, March 2, March 8 or 10<sup>th</sup> & March 23

Name: \_\_\_\_\_

Company Name:(ifapplicable)\_\_\_\_\_

Address:\_\_\_\_\_

\_\_\_\_\_Postal Code \_\_\_\_\_

Phone Number: \_\_\_\_\_

Number Attending (\$96.05/person): \_\_\_\_\_

Payment: Visa ( ) Cheque ( )

Visa number \_\_\_\_\_Exp.date \_\_\_\_\_

Name on Visa card (please print) \_\_\_\_\_

Total Registration Fee: \_\_\_\_\_

Please return this registration form and registration fee by mail or fax to reserve space:

**C/O: A&L Labs, 2136 Jetstream Road London, ON N5V 3P5 fax 519-457-2664**

**Don't forget to book your room directly with Airport Inn & Suites.**

**(519)-457-1200**