



East Central Region Soil & Crop Improvement Association Newsletter



June 2018

For Durham, Peterborough, Victoria/Haliburton, and York Soil & Crop Members

Remember to check the other Soil and Crop Improvement Associations and take in their events

Sponsored By: OSCIA, OMAFRA, and the sponsors on pages 8,9 and 10

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OSCIA NEWS - 4 pages

- Message from the President
- Welcoming New Directors and RCC
- Calling All Forage Producers!
- The Farmland Health Check-up is Back!
- Ontario Soil Network
- Tier Two Projects for 2018-2021
- OSCIA Apparel Available Now

CROP TALK – By OMAFRA Soil & Crop Specialists 10 pages

1. Nitrogen Application Technology in Winter Wheat
2. The Latest on Corn Nitrogen Response: Weather, N Uptake in Modern Hybrids and Late Application
3. Growing Degree Days and Insect Development
4. General Guidelines for Scouting Alfalfa
5. The Many Mysteries of Soil Organic Matter
6. Can Double Cropping Winter Canola and Soybean Kill Two Birds With One Stone?

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<https://regionalscia.org/>
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Coming Events - <https://regionalscia.org/areaevents-html/>

July 4,5 Southwestern Ontario Crop Diagnostic Days, Ridgetown Campus, University of Guelph diagnosticdays.ca

July 10 Ontario Forage Expo 2018 Northumberland County host location at Loyal Farms, 127 Honey Line in Warkworth, on Tuesday July 10th. Additional details will be on website: <http://www.ontarioforagecouncil.com/programs/ontario-forage-expo>

July 12 FarmSmart Expo, Elora Research Station farmsmartconference.com

July 19 Eastern Ontario Crop Diagnostic Day, Winchester Research Station eocdd.eastontcropconference.ca

August 16 York SCIA BBQ, 6 pm, Rob Beynon's, 12060 Bathurst, Maple

August 17 Peterborough SCIA Car Tour to be determined

August 26 -30 East Central SCIA Bus trip to Iowa, USA see page 4

September 17 York SCIA directors 7:30 pm Reesor's Seed and Grain, 5309 Durham Regional Rd 30, Whitchurch-Stouffville

September 28,29 Peterborough County 100 Anniversary Plowing Match, at Dave Edgerton's 11 Lindsay Road, Fowlers Corners. Lot 1 Conc 3 Selwyn.

October 3 East Central Farm Show Committee Meeting, 12 noon Swiss Chalet, 1 pm, Lindsay Fairgrounds

October 17 Peterborough SCIA Directors 7 pm Jim Buck's

October 19 East Central Region Annual Directors Meeting, 9 am, Lindsay Fairgrounds

January 7 2019 York SCIA ADM 10 am Mt Albert Lions Club Hall

March 6,7 2019 East Central Farm Show

A quarterly newsletter representing one of 11 Regional newsletters produced 4 times a year in conjunction with the Provincial Newsletter and OMAFRA Crop Talk.



East Central Scholarships

Students from the East Central area Durham, Haliburton, Peterborough, City of Kawartha Lakes (Victoria), York - enrolled in their 2nd, 3rd, or 4th year at a post-secondary institution or agricultural college.

Six scholarships in the amount of \$1000 - selection takes into account academic performance, leadership, contribution to community, involvement in rural youth organizations, with emphasis on conservation and environmental goals. The application will be available this fall at <https://regionalscia.org/scholarships-html/>

Deadline to apply December 31, 2018



At the annual meeting in January, the members of the Peterborough Soil & Crop Improvement Association gratefully acknowledged the outstanding contribution of **Willis Nelson**, a past president and member, for his many years of dedicated service & commitment to the advancement of Agriculture in the East Central Region.

President Derrick Weiher, Willis Nelson, Secretary-treasurer Jim Buck.

Link to MTO Site for Rules for Farm vehicles on the road.

<http://www.mto.gov.on.ca/english/trucks/pdfs/farm-guide-farm-equipment-on-the-highway.pdf>

East Central Soil and Crop trip to Farm Progress Show in Iowa August 26-30, 2018

Departure, Sunday August 26 at 7:00 am from Peterborough. Pick up in Lindsay and pickup in Durham/York Region. Drive for a full day, stopping at border and for lunch.

Arrive at Joliet Best Western North.

Monday: Breakfast included at best Western and stop at Le Claire, Iowa Antique Archeology, home base and store for American Pickers on History TV. Stop for lunch

1:00 pm Kinze Innovation Centre and plant tour. The Innovation Centre shows Kinze's rich heritage and highlights technology shaping the future of farming. See how a local one man shop grew in 50 years to having 900 employees. Approximately 2 hours.

Arrive in Des Moines early evening and check into Quality Inn.

Tuesday: Breakfast included at Quality Inn. Full day at Farm Progress Show at Boone, Iowa. Back to Hotel for evening.

Wednesday: Breakfast included at the Quality Inn. Tour of Lacrosse Turf and Forage, specializing in award winning cover crop seed and research (unconfirmed at press time)

3:00 pm: Cinnamon Ridge Farms, Donahue Iowa. The Maxwell Family, a sixth generation dairy farm focusing on farm tours for both the general public and farmers (over 6,000 last year). Milking 250 Jerseys with robots: 2017 average: 11,681 kg milk; 554 kg fat; 448 kg protein. Also, on farm cheese processing. They farm 4,000 acres of corn and soybeans. 3 of last 4 years yields were over 300 bushels for corn. Cow calf operation: market all their dairy bull beef through local stores. In addition: 10,000 pigs and a layer operation and on farm store. We will have supper here
Check into Best Western Plus in Joliet.

Thursday: back home to Peterborough

Pricing based on double occupancy. Space is limited to 40 paying passengers.
4 nights hotel, 4 breakfasts and bus: \$762 per person

We are hoping to get sponsors to help cover other meals etc.

Deadline to register is July 16. Seating is limited.

Contact:
Bruce McKeown 705-953-9935
Jessica Swain at Carlson Wagonlit Travel:
705-743-8683 or jswain@carlsonwagonlit.net



East Central Soil and Crop Improvement Association June Newsletter

RAINFALL East Central Area

NAME	ADDRESS	TOTAL	APR	MAY
Hoftzyer Farms	Hastings	172	128	44
Trent U	Peterborough	195	144	51
Airport	Peterborough	177	124	53
Barrie, Tom	Bowmanville	185	125	60
Shadyway Farms	Sunderland	159	101	58
Smith, Jim	Blackwater	162	112	50
Youngfield	Nestleton	98	62	36
Bagshaw, Jon	Lindsay	146	103	43
Bagshaw, Jon	Reaboro	151	109	42
Bagshaw, Jon	Janetville	134	90	44
McLean, Robert	Omemee	66		66
Moore, Neil	Lindsay	135	97	38
Boadway, Tim	Mount Albert	173	134	39
Mitchell, Hugh	Richmond Hill	171	115	56
Mitchell, Hugh	King	212	115	97
airport	Markham	206	143	63

CHU East Central Area

NAME	ADDRESS	TOTAL		MAY
Hoftzyer Farms	Hastings	558		558
Airport	Peterborough	532		532
Trent U	Peterborough	545		545
Barrie, Tom	Bowmanville	523		523
Shadyway Farms	Sunderland	578		578
Smith, Jim	Blackwater	557		557
Youngfield	Nestleton	556		556
Bagshaw, Jon	Lindsay	588		588
Bagshaw, Jon	Reaboro	552		552
Bagshaw, Jon	Janetville	573		573
McLean, Robert	Omemee	595		595
Moore, Neil	Lindsay	549		549
Boadway, Tim	Mount Albert	586		586
Mitchell, Hugh	Oak Ridges	591		591
airport	Markham	583		583

Lindsay Summary	Rain mm	HU start May 1
2018 Apr-May	135	549
2017 Apr-May	231	343
Apr-May high	231 2017	613 1998
Apr-May low	52 2016	253 1997
Avg since 1990	142	428
High May	148 in 2017	613 in 1998
Low May	21 in 2005	253 in 1997



Weather from Quinte Area

RAINFALL				
NAME	ADDRESS	TOTAL	APR	MAY
Kaiser Lake Farms	Napanee	156	104	52
Kingston		180	126	54
DeSousa,S	Mountain View	192	122	70
Stewart, B	Brighton	255	180	75
Townsend, G	Campbellford	184	132	52
Cobourg		238	157	81
Trenton		222	167	55

CHU				
NAME	ADDRESS	TOTAL		MAY
Kaiser Lake Farms	Napanee	576		576
Kingston		514		514
DeSousa,S	Mountain View	575		575
Stewart, B	Brighton	575		575
Townsend, G	Campbellford	561		561
Cobourg		408		408
Trenton		549		549

4 weather stations at Neil Moore's				CHU
Rainfall	Total	April	May	May
National Geographic	111	80	31	582
AcuRite 1	146	103	43	589
AcuRite 2	131	92	39	572
Davis	135	97	38	549
Average	131	93	38	573

Got a project? - Need some financial assistance?

Your 4-H or Soil and Crop Association can apply for up to \$1100 from the East Central Region Soil and Crop Improvement Association for projects in the East Central area. Decision to accept the project will reflect the mandate of the East Central Soil & Crop Improvement Association.

Contact: Neil Moore 705-324-2594, nmoore361@gmail.com

Member SCIA's

Durham Region
Peterborough County
Victoria CKL/ Haliburton
York Region

President

Aaron Bowman
Derrick Weiher
Joe Hickson
Jordan Coates

Sec-Treasurer

Tom Barrie
Jim Buck
Adam Bent
Tom Patterson



Canada Fleabane

Glyphosate-resistant Canada fleabane was first confirmed in Ontario in 2010 in two counties. Since then, it has spread like wildfire throughout Southern Ontario. As I drive through the countryside, it's hard not to notice the abundance of maturing Canada fleabane plants visible in soybean fields. This problem weed is no longer limited to certain counties or areas as it was in the past. Many farmers have never seen such an abundance of fleabane plants in their fields before as they have this year, and some have noticed where the tree lines have restricted the movement of the fleabane seed into their fields by wind, creating a distinct line in the fields of thriving fleabane plants vs no fleabane plants at all .



A mature fleabane plant can produce up to 250,000 seeds/plant. The seeds are small and airborne, and can also stick to equipment, animals, etc, making the seeds easily transferable across the countryside. There have been reported soybeans fields with populations of Canada fleabane plants upwards of 1 million plants/acre resulting in 100% yield losses in parts of fields.

Canada fleabane is a winter annual, meaning it can produce rosettes in the fall and survive the winter, and continue

producing new seedlings in the spring. Tillage, coupled with a herbicide program combining multiple modes of action, should be utilized in order to achieve best results. Burying fleabane seeds to a minimum depth of 2 inches can reduce seedling survival significantly. To bury seed you need to mould board plough, since conservation tillage tools do not bury seeds as well. To control glyphosate resistant fleabane begin by controlling emerged seedlings in the fall with either tillage or an effective herbicide such as dicamba post-harvest. Spring tillage is effective on small seedlings, but must be aggressive if trying to control plants with large root systems. Most fleabane biotypes in Ontario are glyphosate (group 9) resistant, but there are also resistant fleabane biotypes to group 2, 2&9 and 22 herbicides. In non dicamba resistant soybeans, fleabane is best controlled pre-emerge as options are extremely limited in-crop. This could include clean tillage and/or a burndown including saflufenacil + metribuzin. For dicamba resistant soybeans using low volative dicamba products pre emerge is a good control strategy. In Ontario the preferred method of dicamba application is pre emerge.

It is critical that you have a long term weed management strategy in place across all crops to stay on top of fleabane. This includes multiple modes of effective action along with a diverse rotation, tillage and cover crops to achieve best management of fleabane.

By Carley Matheson CCA-ON

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Past President Tom Barrie 905-623-6330 OSCIA Director Don Oliver 705-742-2147
Region Communication Coordinator Neil Moore 705-324-2594
Directors: Jim Buck, Jim Smith, Paul Hagey, Frank Hoftzyer, Derrick Weiher, Tom Patterson, Adam Bent, Joe Hickson, OMAFRA: Ian McDonald, Christine O'Reilly

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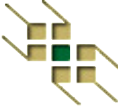
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