

Orange Connection

Allis-Chalmers Club of Ontario
P.O. Box 187
Acton, ON Canada L7J 2M3

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www.allischalmers.ca



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Paris Historical Expo

Featuring Allis Chalmers

June 13th & 14th

Paris Fair Grounds, Paris Ontario

Annual General Meeting

Saturday, November 14, 2015

1:00 PM

Country Heritage Park Milton, ON

Niagara Room (upstairs), Main Office

Wheelchair Accessible

Guest Speaker: TBD

Potluck Lunch Preceding Meeting

**Deadline for submission for the
October newsletter is October 1.**

President's Message

Hello to all Club Members:

Well the winter finally left and now a cold spring with no rain. It has been a long seeding but finally our crops are all planted, and, for the most part, are up so we are hoping for nor more frost and some warm rain.

It will soon get busy with the up-coming events: the Paris Show featuring Allis Chalmers, Frank Duck's sale; and the All Colours Show at the Park, to attend.

I hope to see many of you this summer, and please keep in mind those who are not well and need your thoughts.

Till later,

Murray

2015 Country Heritage Park Clean-Up Day

Thank you to the members who attended the clean-up day in May. Allis Club Members swept the Allis display in the Harrop Barn, cut grass, removed an old page wire fence with an Allis tractor, cut down some brush, had a slice a pizza provided by the Park and even socialized with other tractor clubs (even green ones). A good time was had by all.

Paris Tractor Show – June 13th & 14th Featuring Allis Chalmers

The club has been invited to attend the Paris Historical Expo as they are featuring the Allis-Chalmers brand this year. The Club is running a tractor caravan to the show on Friday June 12th from Kippen ON. Contact Brad McBride (519-263-3227) if you are interested.

For more details on the show please contact: Clint Worron email: clintw@halnor.com

Website: www.parishistoricalexpo.ca

45th PARIS HISTORICAL EXPO
JUNE 13th & 14th, 2015
PARIS FAIRGROUNDS - 139 SILVER STREET - PARIS - ONTARIO

FEATURING
ALLIS CHALMERS AC MILWAUKEE

and the PARIS SUPER POWERPULL
One of Ontario's BEST Modified Truck & Tractor Pulling Events
WEARPASS PULLING EQUIPMENT

ADMISSION AND CAMPING RATES
SATURDAY, JUNE 13th - ADULT \$12 - KIDS AGED 6-12 \$8 - CHILDREN 5 AND UNDER FREE
SUNDAY, JUNE 14th - ADULT \$10 - KIDS AGED 6-12 \$8 - CHILDREN 5 AND UNDER FREE
CAMPING - EXHIBITORS & NON-EXHIBITORS - \$25 FLAT FEE
EXHIBITORS RECEIVE 1 FREE ADMISSION FOR EVERY 1 DISPLAY
WWW.PARISHISTORICALEXPO.CA

Logos at the bottom: PARIS, Maurice's Custom Welding, Urban Meadows, DL ROSEBUSH EXCAVATING, PARIS.

Club Member Contacts

Club Membership lists are available to Club Members for \$2.00. Please send request to:

A-C Club of Ontario
P.O. Box 187, Acton, ON, L7J 2M3

WC Speed Patrol By: Curtis Marshall

The W speed patrol grader pictured below is owned by the Club and is currently located in Limehouse, ON at Brooks Farm Service. Members may have seen the grader sitting at Country Heritage Park for many years. In May (after receiving a new rear rim and tire thanks to donations from several members), the grader was loaded on a trailer and brought to Limehouse. The grader doesn't currently run and the motor is stuck. The motor is going to be torn down to determine what needs to be done to get the grader running again. The goal is to restore the grader and put it back on display at Country Heritage Park in Milton.



The WC Speed Patrol Grader (based on a WC Tractor) as it now sits. The motor grader was produced from 1940 to 1950 at LaPorte, Indiana, USA (early models) Springfield, Illinois, USA (later models). The graders weighed about 5900lbs, had 4700 lbs of blade pressure with a 10 ft blade.

The Club's grader shown here is an earlier model 1940-1942 (note: the extension on the front of the frame as discussed in the following article.) and was obtained from a municipality in Ontario. I couldn't track down all the details/history by the printing deadline but will provide an update in the next issue.



Front rims need some repair and tires replaced.



Note the rubber oil line – an interesting modification/improvisation. Since this picture was taken last week the hood and rad have been stripped – ready for the motor to come out.



Operators seat: A tall driver would have had trouble stretching his legs based on the placement of the foot rests.

Early Development of Road Graders By: Calvin Schmidt

Allis-Chalmers was on the move in the early thirties. After purchasing Advance-Rumely in 1931, A-C purchased the Ryan Mfg. Company who was a manufacturer of pull type graders. Earlier Ryan had purchased the C.D. Edwards Company who also manufactured graders along with other products. A-C got a two for one deal and moved production to the newly purchased La Porte plant. For the first few years the graders were essentially re-painted Ryan products. Allis-Chalmers needed a more complete line for their construction equipment dealers who already had the A-C crawler tractors which came as a result of A-C purchasing the Monarch Tractor Company in 1928.

Allis-Chalmers developed a more complete line of graders including self-propelled units that now only needed one operator. By 1941 the pull type grader line had been discontinued. In 1938 Allis-Chalmers saw a need for a much smaller, lighter, and less expensive grader.

The WC tractor was a runaway success so in 1938 they mounted a manually controlled grader blade under an unstyled WC tractor fitted with a single front wheel. Later in 1938 when the WC tractor changed to styled sheet metal, a second version of the WC Speed Maintainer was sent to market. A total of 411 WC Speed Maintainers were built. I'm fortunate enough to own an early unstyled WC Speed Maintainer and our club president has the later styled edition. There was need for improvement so in 1940 the WC Speed Patrol was introduced. It was basically the same as the Speed Maintainer with the exception of an extended frame with a wide front axle. The grader blade pulled from just behind the front axle. This design improved the operation along with sales. 678 WC Speed Patrols were built in La Porte through to 1942 when production ceased due to the war. La Porte Speed Maintainers can be identified by the frame extension to the front wheels being bolted to what was likely standard WC tractor side rails.

Production resumed in Springfield Illinois after the war and a total of 3751 units were built up until 1950 when the WC Speed Patrol was replaced by the 'D' grader which was a small conventional design grader with tandem drive wheels and a rear mounted 'WD' engine.

Source of information: Allis-Chalmers Construction & Industrial Equipment by Norm Swinford.

2015 Fun Days – All Members Welcome!

Combine & Plowing Days – Hosted by the McBride Family in Kippen, ON.

Combine Day will be in mid August (likely 2nd Weekend) when the wheat is ready to harvest. Plowing Day date to be determined. Check Club website for details in the future or call Brad McBride (519-263-3227) if you are interested in attending.

Here are some pictures from the combine and plow days at the McBrides:



An 'SP 100' in action.



3 operating in a row. A '72', 'SP 100' and a '90'
(Hopefully I have the models identified correctly)



Brad McBride on an M Crawler with a '66' behind.



Plowing Photos above & below.





Brad McBride on his IB pulling a drag plow.

Development of the All-Crop Harvester By: Calvin Schmidt

The development of a small Allis-Chalmers combine started in 1931 at the same time Allis-Chalmers purchased the Advance-Rumely plant in La Porte Indiana. Rumely had been building a line of larger combines and stationary threshing machines. Allis-Chalmers had a vision of a combine for the smaller farmers so they could become more independent and not have to rely on the large custom threshing rigs and the wife having to prepare meals for the large and hungry threshing crew.

Allis-Chalmers purchased the licence to build a brush combine that had been sent to Rumely for development. It was not very successful and basically was re-invented to what was first called the 'Corn Belt combine and by 1935 called the 'High speed Combine'. In 1935 550 units were built. The combine now had the 60" rubber bar cylinder and concave and was designed to be powered by a 2-3 plow tractor.

In 1936 7650 units were built and the combine was now called the 'All Crop Harvester'. Each production run brought improvements and in 1938, 15,300 combines were built in La Porte.

By the time the '66' combine was introduced in 1953 over 75,000 '60' combines had been built with peak production being as high as 125 combines per day. My Dad and Uncle modernized their farming operation in 1953 with a brand new '66' combine that was powered by our 'WD' tractor and a year later by a new 'WD-45'.

In 1938 A-C decided to build a smaller model '40' combine to match the power of the popular 'B' and soon to be introduced 'C' tractor. These combines were a 40" cut with a straight through design. From 1938 to 1940, 15,300 model '40' combines were built before they were discontinued. For less than \$900 a farmer could buy a new 'B' tractor and a '40' combine and gain his independence.

As with farming today, equipment size keeps getting bigger and the 'All Crop '66' was succeeded by the '72'. A new larger model '90' combine had been introduced in 1957 and was dropped in 1960. The 'SP 100' was the first Allis-Chalmers self-propelled combine and was introduced in 1953 with a 9' cut and powered by the WD 201 engine. In 1954 the 'SP 100' got the 226 WD -45 engine and in 1957 the 'Super 100' was introduced with a host of improvements. The last All Crop Harvester a model '72' was built in 1969 ending an era with almost 338,000 units being built. Allis-Chalmers had purchased Gleaner-Baldwin in 1953 and decided to concentrate combine production in the Independence MO works.

Source of information: Allis-Chalmers 1914-1985 by Norm Swinford.

Upcoming Events

Allis-Chalmers Club of Ontario – Annual General Meeting

November , 2015
Country Heritage Park

Paris Tractor Show – Allis-Chalmers is the Feature

June 13th & 14th 2015, Paris Fair Grounds
Featuring Allis-Chalmers (See details on inside cover of newsletter.)

Auction Sale for Frank Duck

June 20, 2015, 10:00 am
1871 M/N Ds. Rd. Ramara Twp.
Washago, ON L0K 2B0
<http://www.auctionsfind.com/auction/11104>

Upper Canada 2-Cylinder Club “All Colours” Tractor Run

June 27th, Elmira Ontario
Our Allis Club has been invited to attend. The tractor run travels through farms, woods and road. The last run was in 2007.

Contacts:

Bruce & Marilyn Ogram 519-669-4671

Douglas Dann 519-669-5079

Dann5079@rogers.com

Open House for Ray and Barb Smith

Everyone is invited to an open house on Sunday June 28th, from 1-4 pm, at the farm of Ray and Barb Smith in Celebration of their 50th Wedding Anniversary!
No gifts please!
23701 Fairview Rd., RR#3 Thorndale, ON N0M 2P0

Gathering of the Orange Events – 2015:

Quinebaug Valley Engineers Association/Zagray Farm Museum

Colchester Connecticut USA

May 2-3, 2015

<http://www.zagrayfarmmuseum.org/>

Moon Lake Thresherman Association

Turtle Lake, Wisconsin USA

August 14-16, 2015

<http://moonlakeshow.org/>

Wanted, For Sale or Trade:

For Sale

Rear roto-tiller attachment for 716 (also 900 series)

Works, \$200

Contact:

Jim Seeley

(after 6 pm) 519-284-3619

For Sale

165 Massey Ferguson with 380 Allied quick detach loader.
Restored and like new.

Contact:

Fred Collins

519-922-1669

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Buckles \$15 • Key Hangers \$10 •

Puzzles \$15 • Woggles \$5 •

Flags - white with ΔA-C logo \$40 •

Flags - orange with ◇ A-C logo \$45 •

Banners - orange with ◇ logo \$35 •

Calendars \$18

(add \$2 to calendar for mailing)

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Murray Byers 519-934-2327



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