

March, 2004



Mailing Address:
P.O. Box 59145
Edmonton, Alberta
T6H 5K4
Tel: (403) 413-0079
Fax: (403) 413-0076



Grasshopper Prediction for 2004

Grasshopper populations are expected to be high for 2004. Emergence of pest species usually occurs the end of May to mid June. It takes several years of warm, dry conditions to increase outbreak levels. Natural enemies increase more slowly and take years to have an effect. Grasshopper egg laying was extended again in 2003 due to warm temperatures, and high numbers have contributed to a higher egg laying population.

Regardless of how cold the winter may get, winter temperatures will have minimal effects on winter

survivability, unless winds, lack of snow cover and temperatures of -40°C persist for a number of days. Cool temperatures in the spring will delay development and hatching and warm temperatures will increase it. Rain will have minimal effects as well, unless continued downpours occur for an extended period of time. Grasshopper nymphs have been reported to hatch and than emerge out of temporarily existing water bodies.

Diseases that decrease populations, usually only occur in moist years. Diseases kills 8 to 80% of populations, but disease infections were low in 2003. Outbreaks were stopped

by disease in 1961 and in the late 1970's, but typically there is just a reduction in numbers. The fungus *E. grylli*, which infects grasshoppers where they die clutching the top of the plants, was very low in 2002 and 2003. Spores for this fungus are present in soil and litter, and can kill significantly, if rain allows spores to germinate. Species that were the most dominant last year included the two-striped and clear winged. The migratory common in outbreak of 1983 - 86, and rare in 2001-2002, returned in higher numbers in 2003, according to Dan Johnson. Also, Packard's were low in 2003, but populations have been increasing.

Calendar of Events

**MAAA
Board Meetings**
Portage la Prairie, MB
Spring - March 18, 2004
Fall - November 4, 2004

**SAAA
AGM**
Saskatoon, SK
November 7 & 8, 2004

**AAAA
AGM**
Red Deer, AB
November 15 & 16, 2004

**CAAA
AGM**
Vancouver, BC
February 24 - 26, 2005

PRESIDENT'S MESSAGE

BY JAMES SPENCE

I would like to thank Peter Hansen for his hard work as 4A's President and would like to thank him in advance for his hard work as the Past President. Also, I would like to thank the Directors who've served their members these past years and welcome all the new Directors to the Board. Finally, many thanks to all the people that helped out with the 2004 CAAA AGM in Calgary.

As we press further into this new year, we are all starting to gear up for the season. This year, Alberta Environment is offering a short one day course on Thursday, March 25th in Calgary for those applicators interested in obtaining Biting Fly approval. Now this approval is only for the 2004 season, after some applicators who have a restricted pesticide license may want to look into writing either the technical exam or rewriting the Aerial exam to get the Biting Fly permanently added to their license. A note to some applicators who may not know that unless your aerial pesticide license is restricted, either from Biting Fly or Forestry, you have a full Aerial license. Newly licensed aerial applicators who wrote the AEP aerial exam have no restrictions on their pesticide license.

The 2004 Alberta Grasshopper Forecast is already available on the internet. When comparing it to last years grasshopper forecast it looks as though many applicators will be very busy. Grasshoppers cause major damage to crops, and if left uncontrolled can cause \$80 - \$100 million or more in damages to Alberta crops! Everyone should contact their MLA and suggest the government continue with a Grasshopper Rebate Program similar to that of the past two years.

Applicators should also take some time to organize their "Favorites" folder in Internet Explorer or Netscape Navigator. Everyone should have good links for weather forecasts, AEP, AFRD, Transport Canada, the CARs, MSDSs and crop-care labels, a currency converter, aircraft parts, aircraft classifieds, the various provincial and national applicator

associations, etc. Also take some time to look in your office and update the document binders you've been putting off getting to for the last little while. Manuals should be checked and updated if needed.

I encourage everyone to participate in the CAAA Business Survey that should have just come in the mailbox. The information collected is important to the provincial and national Board of Directors as well as you the operator!

The next 4A's Board meeting is scheduled for March 4, 2004 and there will probably be only one other meeting in April/May before the season starts so voice any concerns you have to a Director.

Thank you for your time and don't celebrate too hard on St. Patrick's Day.



QUEEN BEE AIR SPECIALTIES, INC.

AIR TRACTOR SALES AND SERVICE
AT-401 SERIES, AT-402 SERIES, AT-502 SERIES, AT-602 SERIES & AT-802 SERIES
FULLY CERTIFIED FOR CANADIAN REGISTRY

Chip Kemper, President

136 North Yellowstone Hwy, Rigby, Idaho 83442

1-800-736-7654

Office (208) 745-7654, if no answer: (208) 529-4998

Fax (208) 745-6672, Email chipkemper@aol.com

AAAA 2004 Board Of Directors

President - JAMES SPENCE

Bonnyville Air Services (1980) Ltd.
 Box 7599, Bonnyville, AB T9N 2H9
 Bus: (780) 826-6885 Fax: (780) 826-7195
 Res: (780) 812-3304 Cell: (780) 812-5990
 bonnyair@telusplanet.net

1st Vice President - FRAN DE KOCK

Battleford's Airspray
 Box 1330, North Battleford, SK S9A 3L8
 Bus: (306) 445-3099 Fax: (306) 445-2347
 Res: (306) 446-3099 Cell: (306) 441-0547
 batair_spray@qlo.com

2nd Vice President - TOM KINNIBURGH

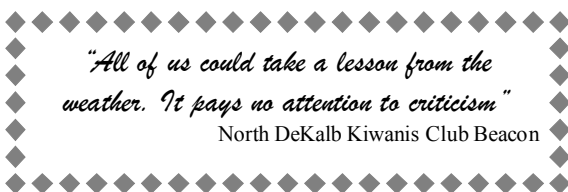
Kinniburgh Spray Service Ltd.
 Box 25, Purple Springs, AB T0K 1X0
 Bus: (403) 223-8245 Fax: (403) 223-1314
 Res: (403) 223-8245 Cell: (403) 382-1089
 tomair@shockware.com

Secretary/Treasurer - MARK KINNIBURGH

Fox Coulee Aviation Inc.
 P.O. Box 1208, Drumheller, AB T0J 0Y0
 Bus: (403) 823-3000 Fax: (403) 832-3666
 Res: (403) 823-8770 Cell: (403) 820-1454
 mark@foxca.ca

Past President - PETER HANSEN

West Wind Airspray Ltd.
 142 Kenyon Drive South, Lethbridge, AB T1K 7N3
 Bus: (403) 327-7426 Fax: (403) 380-4077
 Res: (403) 320-1797 westw@shaw.ca


Directors:
CLARK OBERHOLTZER

Air Alta Applicators
 Box 147, Arrowwood, AB T0L 0B0
 Bus: (403) 534-3757 Fax: (403) 534-3700 Cell: (403) 485-8198

DARREN TIEDE

Target Airspray Ltd.
 Box 7, Site 11, RR#1, Strathmore, AB T1P 1J6
 Bus: (403) 934-4353 Fax: (403) 934-5888
 Res: (403) 934-4880 Cell: (403) 934-7476
 targetair@hotmail.com

GREG FLOWITT

7509 Revelstoke Avenue, Radium Hot Springs, AB V0A 1M0
 Bus: (250) 342-5600 Fax: (250) 347-9511
 Res: (250) 347-9511 Cell: (250) 342-5600
 gandt@cyberlink.bc.ca

WAYNE STIER

WASP (1994) Co. Ltd.
 Box 100, Blackie, AB T0L 0J0
 Bus: (403) 684-3375 Fax: (403) 646-3004
 Res: (403) 646-3074 Cell: (403) 652-0909
 waynems@telusplanet.net

Wheatland Air Service Inc.

Specializing in agricultural aircraft service and
 maintenance and all single engine aircraft.
 Licensed A.M.E. on staff

Fax: 934-5888
 wheatlandairservice@hotmail.com

Ralph Tiede Darren Tiede
 Ph. 934-4353/Cell. 540-6063 Ph. 934-4880

Herbicide. Fungicide. Insecticide.

Call us to discuss your product requirements for the 2004 season.

Larry Moher (780)-499-6533, Bruce Stevens (403)-350-6830, Richard Bosch (403)-540-0065

WEATHER PRODUCTS

Designed to help you with your operation's decision-making, these products are the newest on the market, starting at \$20.

Check our website for details

Windmeters-Wireless Weather Stations
Rain / Temp Gauges — Alarm Clocks - More

AIRCRAFT FOR SALE

1989 AT-401: TTSN 4953, Engine/Prop 0 TSOH
2000 AT502B: 683 TTSN, 1976 Cessna 172M: TTSN 909
Financing Available!

SATLOC® GPS PRODUCTS

With the Cdn dollar at an all time high, now is the time to invest in a solid GPS system and / or flow control. Trade-ins welcome, all makes and models. Leasing available. Used models available too!



1-800-776-4656

Email: info@yorktonaircraft.com
Web: www.yorktonaircraft.com

**DON'T FORGET TO
RENEW YOUR 2004
MEMBERSHIP!**

STAUFFER AERO
A DIVISION OF
HERITAGE AERO LTD.

**SPECIALIZE IN:**

- Reciprocating aircraft engine overhaul/repair
- Cylinder overhaul/repair
- Selected component overhaul/repair
- Oil cooler flush and pressure test
- Quick turn around
- Transport Approved A.M.O.

(403) 274-3636

103 - 5655 - 10th Street, NE, Calgary, Alberta T2E 8W9

**Wild Rose Protective Fund Ltd.
Board of Directors - 2003/2004**

CHAIRMAN**Darren Tiede**

Target Airspray Ltd.
Box 7, Site 11, RR #1
Strathmore, AB T1P 1J6
Bus: (403) 934-4353 Fax: (403) 934-5888
Cell: (403) 934-7476 Res: (403) 934-4880
targetair@hotmail.com

DIRECTORS**Wayne Stier**

WASP (1994) Co. Ltd.
Box 100, Blackie, AB T0L 0J0
Bus: (403) 684-3375 Fax: (403) 652-2550
Cell: (403) 652-0909 Res: (403) 684-3588
waynems@telusplanet.net

Peter Hansen

West Wind Airspray Ltd.
142 Kenyon Drive South
Lethbridge, AB T1K 7N3
Bus: (403) 327-7426 Fax: (403) 380-4077
Res: (403) 320-1797
westw@shaw.ca

Rick Orcutt

Rick's Airspray
Box 279, Warner, AB T0K 2L0
Bus: (403) 642-2209 Fax: (403) 642-2209
Cell: (403) 642-7410 Res: (403) 642-2209

Harvey Abbott

A-1 Custom Applicators Ltd.
Box 147, Killam, AB T0B 2L0
Bus: (780) 385-2227 Fax: (780) 385-2378
Cell: (780) 385-0578 / (780) 385-1050
Res: (780) 385-2378
habbott@telusplanet.net

Happy Easter from
the AAAA Board of
Directors and the
AAAA Office

