

# Corvid Control For Hazelnuts

Did you hear the one about the crow with the nut?



**The Bird & Animal Control Specialists.  
Unique. Permanent. Guaranteed.**

# Dan Frankian, [www.hawkeye.ca](http://www.hawkeye.ca) Bird animal control

[www.hawkeye.ca](http://www.hawkeye.ca)

[dan@hawkeye.ca](mailto:dan@hawkeye.ca)

CEO

TEL: (416) 429-5393

TEL: (416) HAWKEYE



# Hawkeye specializes in the use of birds of prey for bird control

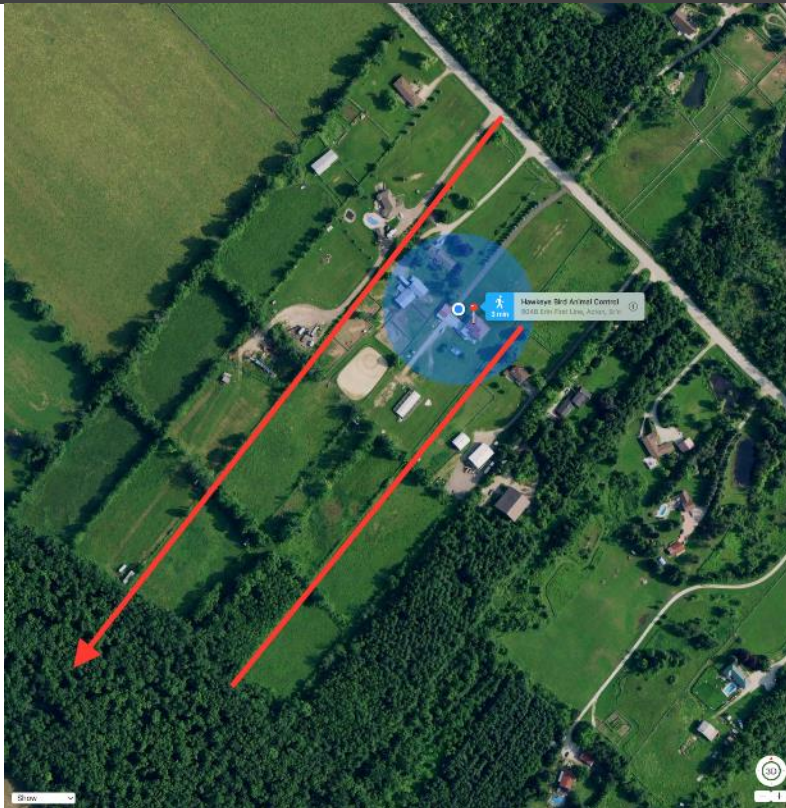


We are also licensed animal trappers





Head office is an 10 acre facility  
near Toronto, Canada  
We have 3 offices and 18 staff



# We take prides in team work and out-of-the-box thinking

- Holders of FAA SFY-3000 airport wildlife hazard management certifications
- CWCP, certified wildlife control pro: Only one in Canada.
- Fur managers Federation permit holder
- Permit for Falconry, Rehabilitation of Bird of Prey
- Capture net, Mist net permits
- NWCOA, WCT conference attendee and speaker
- Chairman of Wildlife committee, SPMAO
- Canadian bird strike committee member
- And much much more...





# Hawkeye is the extreme bird control company



But our claim to fame came from a little movie called Harry Potter





# We Can Help....

We will go ANYWHERE in the world to do a bird and animal control work, NO JOB IS TOO BIG.

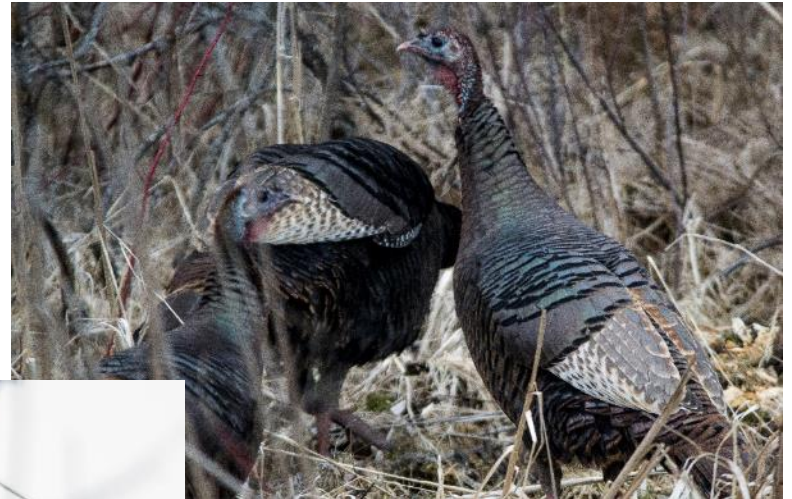
Email me [dan@hawkeye.ca](mailto:dan@hawkeye.ca)

I would be happy to discuss YOUR JOB



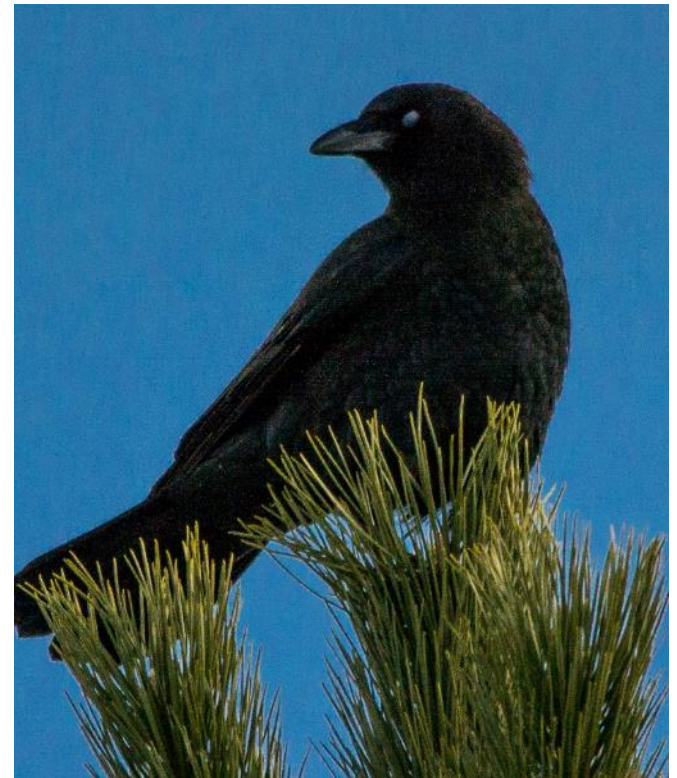
# Control for Hazelnut Orchards

Larger birds eat the Hazelnuts in the fall before they are harvested; Blue Jays, Crows and Wild Turkey



# Big Eaters

- Ferocious appetite, esp. leading into migration/winter, aligns hazelnut harvest
- What they don't eat, they will cache/store
- Crows form large flocks heading into winter; hundreds to millions of individuals
- Crows communicate feeding areas to other crows





# Economic Loss?

- One crow or raven can destroy ½ to 1 lb of pecans/day
- Approx. 90-day period from shuck split through the end of the harvest (Rohla, 2007)
- Typical flock (~200 crows) = 9,000 to 18,000 pounds
- \$22,500 to \$45,000 of lost revenue



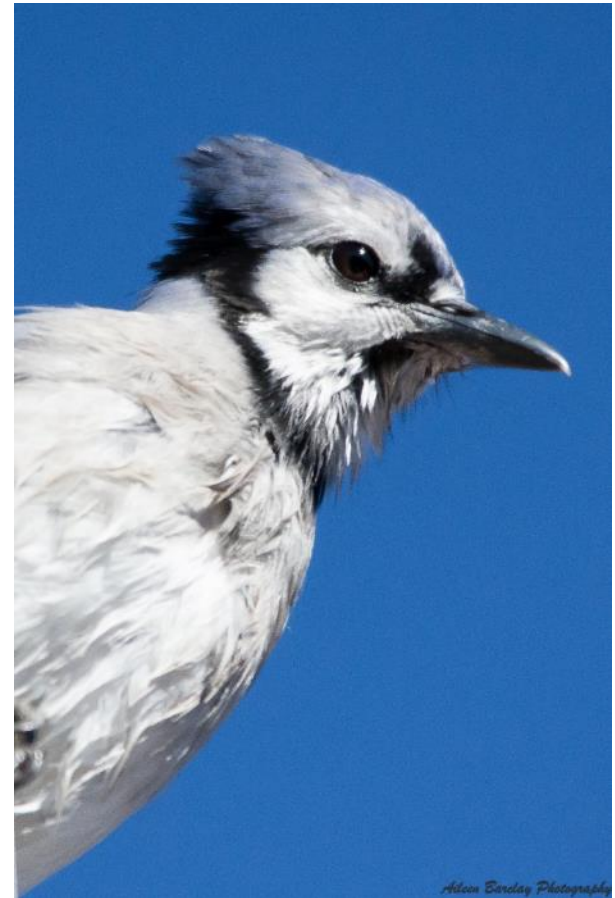
# Control for Hazelnut Orchards

- Birds can spread disease and pests such as bud mites, into orchards
- There are no products currently registered for the control of bud mites on hazelnut in Ontario



# The smart ones

- Crows and Blue Jays are known for their superior intelligence
- Quickly figure out static scare devices and repetitive sounds
- Excellent memory and problem solving skills, working as a team
- Use tools and hold grudges





# Control birds the natural way



# Falconry for Bird Control

- Falconer/Bird control techs are different breed, they work on a ratio of 1 bird of prey for 100,000 PLUS target species
- Caring for birds of prey is not cheap, and for good reason.
- Licensing, housing, like a long-term marriage
- Birds of prey give you huge range over space in contrast to regular methods, especially pyrotechnics and shot gun
- Expensive?, BUT IS IT?



# We use Falcons





# We use Hawks



# We use Eagles



# We use Owls





# What is the Hawkeye Falconry/ Bird Control Advantage?

- Natural and humane
- Species specific - get the right bird of prey for the right job, its extremely effective
- Birds of prey are a **HUGE INSTINCTIVE SCARE** for thousands of bird species
- The only option in certain situations
- Works inside and outside, especially over a large area
- Great great press for the customer

# Control bad birds, keep good birds



# Current bird management practices include what work and does not:

- ▣ visual scare devices
- ▣ propane cannons
- ▣ shot guns loaded with both live shells and blanks.

These measures have proven to be only marginally effective, and often very labor intensive.



# Not very scary



- ▣ Visual scare and hazing devices scare birds into leaving temporarily
- ▣ Birds, especially the smart ones, quickly get used to these so they must be moved constantly.



# Multi-faceted Approach to Sound





# New innovations in bird control

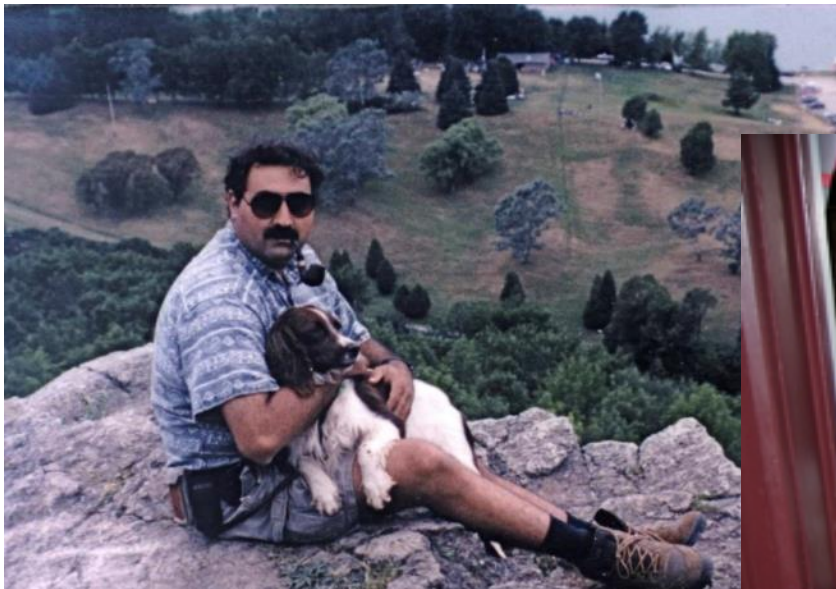
- Radar & LRAD
- Lasers, flash lights
- ROV's
- Tree Shock
- Scare cannons
- Zon Propane Cannons
- Night work
- Vector focus work

# Dog chases





# Chase dogs - up to three at a time



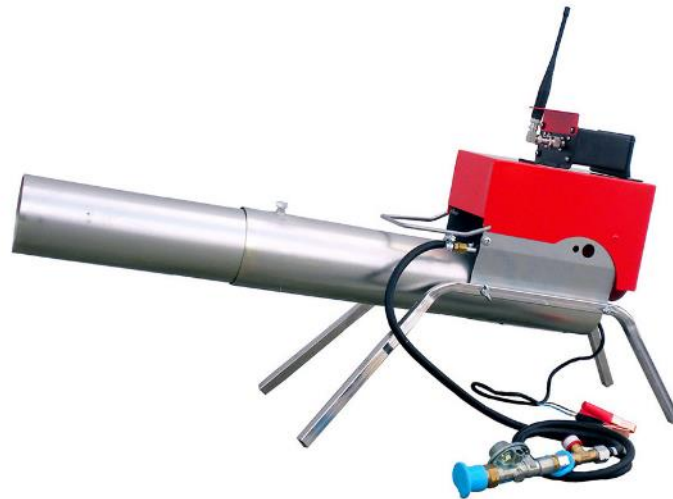
Great for Wild Turkey



Lasers - Use near dark or dark conditions outdoors or indoors



# Zon Electra w/ Low Frequency Radio Control



# Tree shock



**Tree Shock™**

New! 

One of the toughest problems in bird control has finally been solved.

There is nothing worse than a tree full of squawking, mess-making birds. Very often, the problem is so pervasive that property owners actually chop the tree down. Now, there is an attractive, effective, long-lasting solution that actually conditions the birds to leave the protected tree for good. The Tree-Shock™ system is the solution property owners have been asking for.

 See It Work!  
[www.birdbarrier.com/tree-shock-test](http://www.birdbarrier.com/tree-shock-test)

- Flexible, tubular construction conforms to all branch configurations
- UV stabilized construction, PVC tubing and stainless steel wire
- Easy to mount and connect
- Effective against all bird species, and other wildlife too
- Harmless shock conditions birds to leave
- Virtually invisible from the ground
- Fast and easy to install
- Mount to branches, or string perches between the ends of branches to form an outer shield
- Battery-powered chargers offer ideal power and versatility
- Was designed to have a unique, aesthetically-pleasing appearance

*\* Working in and around trees can be dangerous; using professional installers is recommended.*





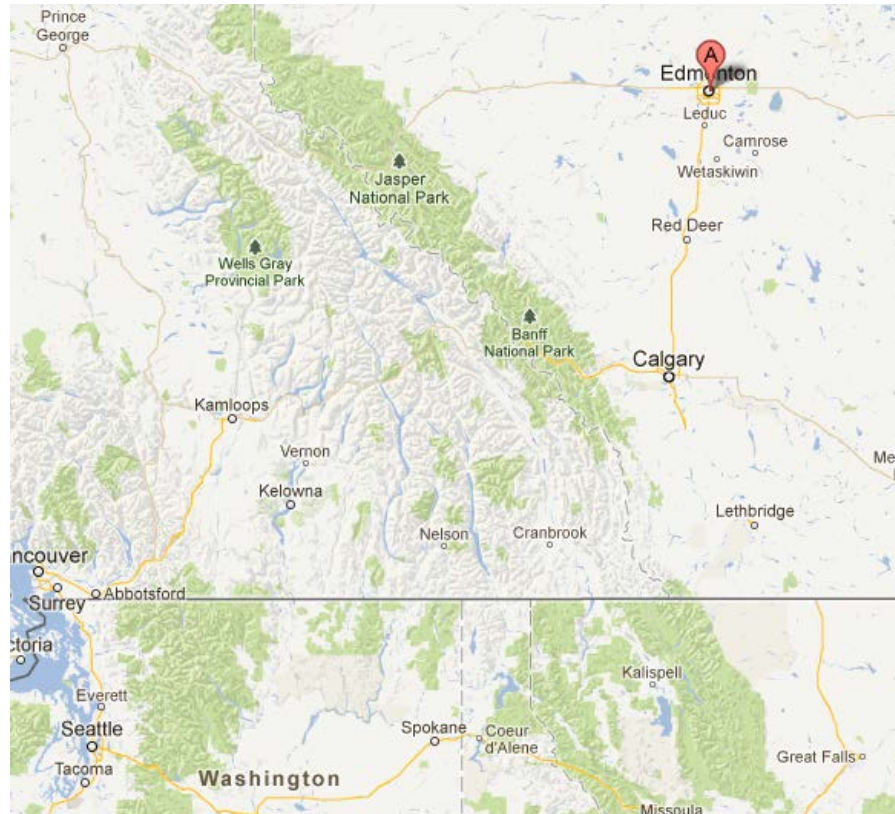
800-503-5444 • [www.birdbarrier.com](http://www.birdbarrier.com)

Patent Pending. The Tree-Shock™ system is a Bird Barrier trademark, as is the shape, style and overall appearance of the product. Look for this unique appearance to ensure it is a genuine Bird Barrier Tree-Shock™ system™ product.

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When [www.hawkeye.ca](http://www.hawkeye.ca) takes on a job at the oil plant (day in the life of)



# Our job

- Large Gull & Geese population in Alberta, Canada
- Nesting on the ground next to emergency water supply. Water must be kept clear at all times.
- Inside the Oil manufacturing plant. No shooting, No fire, no kill, no chemical, no poisoning policy, constant PETA overseer.
- Extreme safety issues with staff and birds of prey. Crushing burning, electricity, extreme wind.....

# Sign contracts and permits

Environment Canada  
Environnement Canada

ENVIRONMENT CANADA PERMIT

Migratory Bird Damage and/or Danger:  
(Gulls and Canada Geese only)

Permit No. 12-BK-0008

Permit for: Saskatchewan  
Province(s), Territory

Issued under section: Migratory Birds Regulations

Date of issue: 11 May 2012  
Date of expiry: 11 May 2013

For the holder: [Signature]

**General Conditions**

1. By signing this document you bind yourself to respect all terms and conditions of this permit.
2. A copy of the signed permit must be carried by the holder and permit holder when conducting this work and must be presented upon request by a PCMP or Game Officer.
3. All Migratory Birds taken under authority of this permit remain the sole property of the Crown and they may not be bought, sold, traded or bartered for in any way.
4. The holder of this permit shall not exempt the permit holder from compliance with all relevant Canadian and Provincial Laws and Regulations otherwise applicable nor does it exempt the permit holder from adhering to applicable jurisdictional bylaws.
5. This permit is not transferable to any other person(s) or organization(s) and is not valid if altered in any way.
6. This Permit is issued subject to the provisions of the Migratory Birds Convention Act and Regulations there under.

**Special Conditions**

1. This permit authorizes the permittee and his/her nominee to scare gull species and Canada geese using trained persons. It is recognized that accidental killing or injury of gulls and other migratory birds may take place unintentionally during the scaring exercise and is therefore permitted but this is not to be promoted. The minimum setback distance for gulls is 20 per month. This permit also authorizes the collection and depulping of Canada Geese and gull eggs. All above-mentioned activities may only be conducted within the grounds of the Husky Upgrader located near the City of Lloydminster, Saskatchewan.
2. The permittee shall ensure all means of disturbance, warning and scaring devices are applicable in an effort to deter the gulls and Canada geese PRIOR TO feeding.
3. The Permit holder must provide Environment Canada with a detailed written report of all activities on or before January 31, 2013. In order to extend this permit for an additional year without reapplication, a request to do so must be submitted with the aforementioned report. Any changes to the nominee list must be submitted at the same time if possible or at least, by one month prior to proceeding with permitted activity. This condition only applies to permit holders that have a Species Management Plan submitted to, and approved by, the Canadian Wildlife Service prior to permit issue.

I declare that I have read and understand this Permit, including all the conditions attached.

Signature of permit holder: [Signature]

Canada

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COMMERCIAL FALCONRY LICENCE  
LICENCE #10037

CONDITIONS (cont'd)

5. Specially protected raptors captured from the wild in Ontario shall not be propagated.

No Further Conditions

Signature of Licensee: [Signature]

Sign Here

Date: Jan 30/13



# Gets everything together... and we are off!

- We packed travel bins for our equipment
- We packed firearms and ammo for offsite work.
- We packed the birds of prey, 2 were used.
- We packed our dog.
- Everything we needed to live in the middle of nowhere for 22+ days



Hawkeye arrives at the plant...  
But where are the gulls ?





# We found them !



# Release one bird of prey and begins pyrotechnics





More pyrotechnics, more birds of prey - Night work is challenging!!!!



# Removes nests

- 4,356 nests approximately
- 22,000 plus eggs
- At minimum 18-20,000+ of nesting and transient Gulls
- Lots of Geese



The gulls tried to chase the birds of prey away ...until their claws came out





# We flew birds of prey relentlessly... and SUCCESS!!

- ▣ Kept the gulls from coming back
- ▣ NO nesting and roosting from approximately 5 am to about MIDNIGHT, FOR THE NEXT 22 DAYS AND THEN NOTHING
- ▣ ALL BIRDS GONE FOR THE WHOLE SEASON





We help with ALL birds and animals



[www.hawkeye.ca](http://www.hawkeye.ca)

**We are the special forces - with birds of prey.**

**We are here to help.**



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TEL#: 416-HAWKEYE (429-5393)

**\*\*NO Animals or Birds have been harmed in the making of this project.**



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Thank you for your time

- Questions?
- TEL: (416) 429-5393
- TEL: (416) HAWKEYE
- [dan@hawkeye.ca](mailto:dan@hawkeye.ca)



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