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, <u>www.hawkeye.ca</u> Bird animal control

www.hawkeye.ca

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

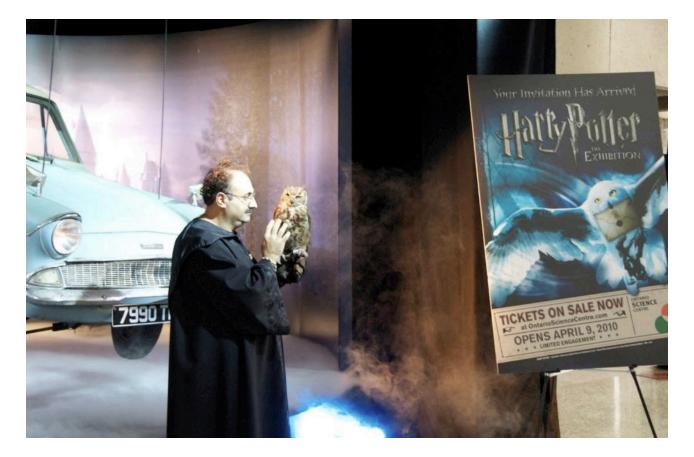
- Holders of FAA SFY-3000 airport wildlife hazard management certifications
- CWCP, certified wildlife control pro: Only one in Canada.
- Fur managers Federation permit holder
- Permit for Falconry, Rehabilitation of Bird of Prey
- Capture net, Mist net permits
- NWCOA, WCT conference attendee and speaker
- 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 <u>dan@hawkeye.ca</u>

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

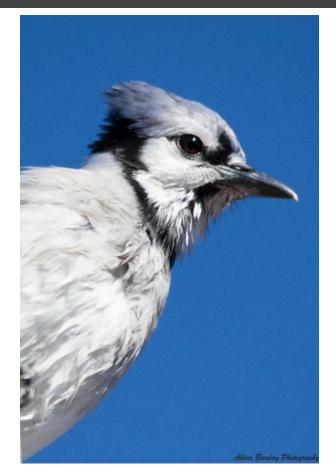
- Birds can spread disease and pests such as bud mites, into orchards
- There are no products currently registered for the control of bud mites on hazelnut in Ontario





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

www.hawkeye.ca

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 <u>HUGE INSTINCTIVE SCARE</u> for thousands of bird species
- The only option in certain situations
- Works inside and outside, especially over a large area

www.hawkeye.ca

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

















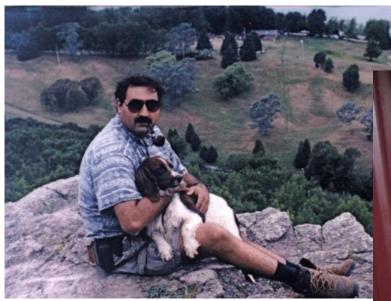
New innovations in bird control

- 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



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 Flexible, tubular construction conforms to all branch configurations
 W stabilized construction, PVC tubing and starless steel wire
 Electrive against all bird species, and other wildlife too
 Electrive against all bird species, and other wildlife too
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 Virtually invisible from the ground
 Fast and easy to install
 Mount to transfer, or string parchas between the ends of
 branches to form an outer shield
 Was designed to have a unique, aesthetically-pleasing apparance
 Working in and around these can be dangenous; using professional
 installer is ecommanded.



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. ©2014 Bird Banter America

When <u>www.hawkeye.ca</u> takes on a job at the oil plant (day in the life of)





Ourjob

- 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

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COMMERCIAL FALCONRY LICENCE LICENCE #10037

CONDITIONS (cont'd)

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

No Further Conditions



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!!!!





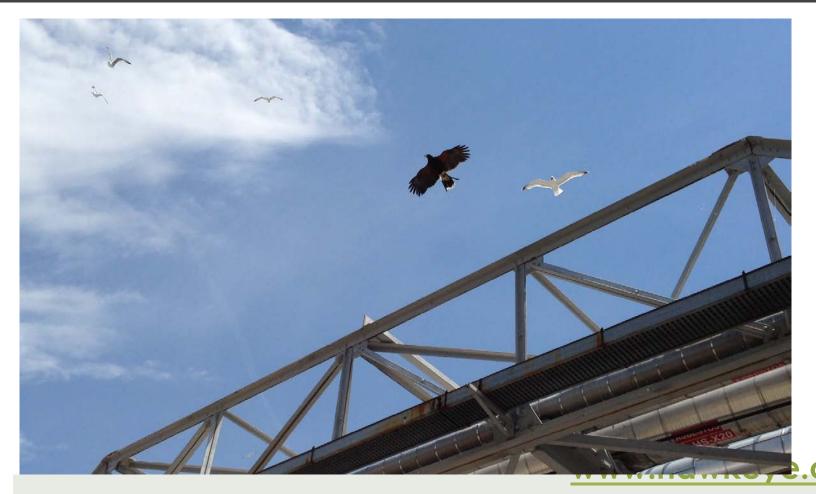
Removes nests

- 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



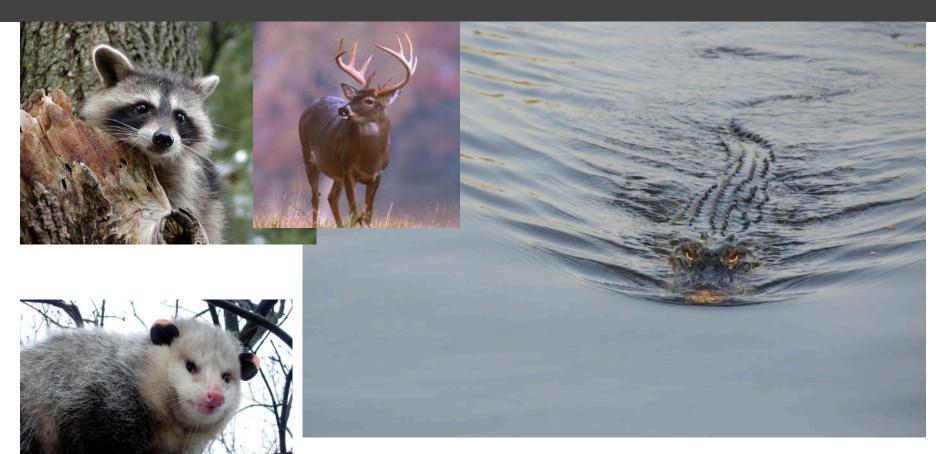
We flew birds of prey relentlessly... and SUCCESS!!

- 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 <u>WHOLE</u> SEASON





We help with ALL birds and animals





We are the special forces - with birds of prey.

We are here to help.





<u>www.hawkeye.ca</u> TEL#: 416-HAWKEYE (429-5393)

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



www.hawkeye.ca

Thank you for your time

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



