# COLORADO DIVISION OF WILDLIFE **2010 Small Game** Walk-In Atlas

Access to properties listed within begins Sept. 1, 2010

Walk-In Access Program Tenth Anniversary

# 2010 WALK-IN ATLAS

The Colorado Division of Wildlife is pleased to present the 2010 Walk-In Access Program and excited to offer this program to hunters FREE OF CHARGE for the first time.

2010 marks the 10th anniversary of the WIA program in Colorado. This year the Wildlife Commission dropped the fee in an effort to remove barriers to recruitment of new hunters. During the last decade, the program has grown substantially in acreage and also expanded to offer hunting opportunity for doves, scaled quail and waterfowl. In 2009, great habitat and excellent precipitation patterns combined to increase pheasant numbers to their highest point since the program began and hunters enjoyed a great season. Pheasant cover has improved in part due to habitat created through efforts of the DOW, Pheasants Forever, and the Natural Resource Conservation Service (NRCS). This trend will accelerate as these three entities have entered into a partnership to put three private land biologists on the ground in eastern Colorado to implement Farm Bill and DOW conservation programs.

I'd also like to take this opportunity to remind hunters that WIA is a program that is dependent on how satisfied landowners are with the program, as well as the good will of local communities that host traveling hunters and support WIA. Hunter behavior and stewardship of enrolled properties is frequently the determining factor in a landowner's decision to participate. Enjoy what looks to be a great season on WIA properties.

Thomas & Reming of

Director, Colorado Division of Wildlife

#### COLORADO DIVISION OF WILDLIFE Department of Natural Resources 6060 Broadway, Denver 80216 (303) 297-1192 www.wildlife.state.co.us Created July 2010 Editor: Ed Gorman Maps designed and prepared by Dawn Brownne

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# WALK-IN ACCESS REGULATIONS

In order to hunt small game, waterfowl or furbearers on Walk-In Access properties, all hunters must first purchase, sign and have in their possession a valid small game license and comply with habitat stamp regulations. In addition, hunters age 16 and older must possess state and federal migratory bird stamps prior to hunting waterfowl.

- 1. Public access is prohibited from one hour after sunset to one hour before sunrise, except when hunting waterfowl public access is prohibited from two hours after sunset to two hours before sunrise.
- 2. Species of take will be restricted as follows:
  - a. Lands enrolled and posted as Regular, Late Cropland or Extended Season properties are open for the take of all small game, furbearers, migratory game birds and Eurasian collared-doves, except Gambel's quail, Gunnison's sage-grouse and Greater sage-grouse.
- 3. Public access is allowed:
  - a. From September 1 through the end of February annually for lands enrolled and posted as Regular Season Walk-In Access properties;
  - b. From the opening day of pheasant season through the end of February annually for lands enrolled and posted as Late Season Cropland Walk-In Access properties;
  - c. From the opening day of pheasant season through the end of March annually for lands enrolled and posted as Extended Walk-In Access properties.
- 4. Access shall be by foot only. Entry by horseback, motorized vehicle, or other means is prohibited.
- 5. Access is allowed for hunting only; all other activities are prohibited.
- 6. Access is prohibited as posted when the landowner is actively harvesting crops.

The WIA program depends on private landowners enrolling property for walk-in hunting, and maintaining good relations with those landowners and their neighbors. There are some additional guidelines that, if followed, will improve the opportunities for all hunters and contribute to future WIA enrollments.

- Where designated parking areas are established, use them. Do not block gates or roads for the landowner or his agents that may need to work on the property. Do not park along highways. Do not park in tall grassy or weedy areas where your catalytic converter can cause a fire. Do not smoke or extinguish cigarettes in these areas either, and make sure to completely extinguish cigarettes if you do smoke.
- Don't litter or clean harvested birds on WIA properties or along roadsides. If trash is present, please pick it up.
- Don't shoot near or towards houses, farm buildings, livestock or equipment.
- Don't hunt if cattle are in, or adjacent to, enrolled parcels.

WIA offers access for **small game hunting only**, while big game hunting remains completely at the discretion of the landowner. Some properties in southeast Colorado are enrolled both in small game WIA and the Big Game Access Program (BGAP). These properties are posted with both small game and big game access signs. During big game seasons, big game hunting will be occurring on these properties. Small game hunters are encouraged to wear hunter orange during big game seasons on these properties.

To offer as much access as possible and efficiently use funding, the Division will not reprint the entire WIA in the *Late Cropland Atlas*, instead only printing the maps that have properties added for the beginning of pheasant season, including extended waterfowl properties, in a smaller *supplemental* atlas. Updated maps and the entire supplemental *Late Cropland Atlas* will be available at license agents in late October, and for download from the Division's website, at:

wildlife.state.co.us/Hunting/SmallGame/WalkInAccess/

### LANDOWNERS!

Interested in enrolling land in the small game Walk-In Access program? The DOW is interested in enrolling quality small game hunting lands across the state. To offer land for the 2011-12 season, please contact your local DOW office for details.

# 2010 WALK-IN ATLAS

Some small game season dates are included within this atlas for your convenience, however, all season dates are not listed. A complete synopsis of hunting season dates can be found in the 2010 Small Game and 2010 Waterfowl brochures. These brochures are available at license agents, Colorado Division of Wildlife offices and on the Internet at: www.wildlife.state.co.us.

#### DOVES: MOURNING, WHITE-WINGED

Season: Sept. 1 - Nov. 9, 2010
Areas: Statewide
Daily bag limit: Mourning and white-winged, 15 singly or in aggregate.
Possession Limit: 30 of either species

\*\*DOVE BANDING: Mourning doves are being banded in Colorado and other states as part of a nationwide program to monitor their status. Hunters should report banded mourning doves to the USGS Bird Banding Lab: www.reportband.gov or 1-800-327-BAND.

#### **DOVES: EURASIAN COLLARED\***

Season: Year-round Areas: Statewide Daily bag limit: Unlimited Possession Limit: Unlimited \*See page 6 for more information

# COTTONTAILS, SNOWSHOE HARE, WHITE-TAILED & BLACK-TAILED JACKRABBITS

**Dates:** Oct. 1 - end of February **Areas:** Statewide **Daily bag limit:** 10 of each species **Possession limit:** 20 of each species

#### FOX & PINE SQUIRRELS:

**Dates:** Oct. 1 - end of February **Areas:** Statewide **Daily bag limit:** 5 of each species **Possession limit:** 10 of each species

#### TEAL

**Dates:** Sept. 11-19 **Areas:** In Lake and Chaffee counties and east of I-25. **Daily bag limit:** 4 singly or in aggregate. **Possession limit:** 8 singly or in aggregate.

### DOW OFFICES

Division of Wildlife Headquarters 6060 Broadway Denver, 80216 (303) 297-1192

Northeast Region Service Center 6060 Broadway Denver, 80216 (303) 291-7227

Northwest Region Service Center 711 Independent Ave. Grand Junction, 81505 (970) 255-6100

Southeast Region Service Center 4255 Sinton Road Colorado Springs, 80907 (719) 227-5200

Southwest Region Service Center 151 East 16th St. Durango, 81301 (970) 247-0855

Brush Service Center 122 East Edison, Box 128 Brush, 80723 (970) 842-6300

Fort Collins Service Center 317 W. Prospect Ave. Fort Collins, 80526 (970) 472-4300

Glenwood Springs Service Center 50633 Hwys. 6 and 24 Glenwood Springs, 81601 (970) 947-2920

Gunnison Service Center 300 W. New York Ave. Gunnison, 81230 (970) 641-7060 Hot Sulphur Springs Serv. Center 346 Grand County Road 362 Hot Sulphur Springs, 80451 (970) 725-6200

Lamar Service Center 2500 S. Main Lamar, 81052 (719) 336-6600

Meeker Service Center 73485 Hwy 64 Meeker, 81641 (970) 878-6090

Monte Vista Service Center 0722 S Road 1E Monte Vista, 81144 (719) 587-6900

Montrose Service Center 2300 S. Townsend Montrose, 81401 (970) 252-6000

Pueblo Service Center 600 Reservoir Road Pueblo, 81005 (719) 561-5300

Salida Service Center 7405 Hwy. 50 Salida, 81201 (719) 530-5520

Steamboat Springs Serv. Center 925 Weiss Drive Steamboat Springs, 80477 (970) 870-2197

For recordings on season dates and other information:				
Deer, Elk, Pronghorn, Bear	(303) 291-7529			
Fishing	(303) 291-7533			
Small Game, Upland Game	(303) 291-7546			
Turkey	(303) 291-7547			
Waterfowl	(303) 291-7548			
Hunter Education	(303) 291-7530			
Mobility Impaired Licenses	(303) 291-7528			
For a list of recordings	(303) 291-1192			

www.wildlife.state.co.us

# SMALL GAME HUNTING INFORMATION

#### HUNTING HOURS

One-half hour before sunrise to sunset, except furbearers, which can be hunted from one-half hour before sunrise to one-half hour after sunset. See sunrise/sunset chart below.

#### **GUIDE TO LEGAL HUNTING HOURS**

The table below is valid for Denver, CO, through 2010. Subtract one minute from the opening and closing time for each  $12^{1/2}$  miles east of Denver. Add one minute to opening and closing time for each  $12^{1/2}$  miles west of Denver. The above changes are based on the assumption that each degree of longitude equals 50 miles and that a change of 1 degree of longitude equals 4 minutes change in sunrise and sunset times.

2010 SUNRISE/SUNSET TABLE (DENVER)							
DAY	<b>SEPT.</b> RISE SET A.M. P.M. (DST)	OCT. RISE SET A.M. P.M. (DST)	NOV. RISE SET A.M. P.M.	DEC. RISE SET A.M. P.M.	<b>JAN.2011</b> RISE SET A.M. P.M.		
1	6:28 7:31	6:56 6:42	7:29 5:58	7:02 4:36	7:21 4:46		
2	6:29 7:29	6:57 6:41	7:30 5:57	7:03 4:36	7:21 4:47		
3	6:30 7:28	6:58 6:39	7:31 5:56	7:04 4:36	7:21 4:48		
4	6:31 7:26	6:59 6:37	7:32 5:55	7:05 4:35	7:21 4:49		
5	6:32 7:25	7:00 6:36	7:33 5:54	7:06 4:35	7:21 4:50		
6	6:33 7:23	7:01 6:34	7:34 5:52	7:07 4:35	7:21 4:51		
7	6:34 7:21	7:02 6:33	6:35 4:51 DST ends	7:07 4:35	7:21 4:52		
8	6:35 7:20	7:03 6:31	6:37 4:50	7:08 4:35	7:21 4:53		
9	6:35 7:18	7:04 6:30	6:38 4:49	7:09 4:35	7:21 4:53		
10	6:36 7:17	7:05 6:28	6:39 4:49	7:10 4:35	7:21 4:54		
11	6:37 7:15	7:06 6:27	6:40 4:48	7:11 4:36	7:20 4:56		
12	6:38 7:13	7:07 6:25	6:41 4:47	7:12 4:36	7:20 4:57		
13	6:39 7:12	7:08 6:24	6:42 4:46	7:12 4:36	7:20 4:58		
14	6:40 7:10	7:09 6:22	6:43 4:45	7:13 4:36	7:20 4:59		
15	6:41 7:08	7:10 6:21	6:45 4:44	7:14 4:36	7:19 5:00		
16	6:42 7:07	7:11 6:19	6:46 4:43	7:14 4:37	7:19 5:01		
17	6:43 7:05	7:12 6:18	6:47 4:43	7:15 4:37	7:18 5:02		
18	6:44 7:03	7:13 6:16	6:48 4:42	7:16 4:37	7:18 5:03		
19	6:45 7:02	7:14 6:15	6:49 4:41	7:16 4:38	7:17 5:04		
20	6:46 7:00	7:15 6:13	6:50 4:41	7:17 4:38	7:17 5:05		
21	6:47 6:59	7:16 6:12	6:51 4:40	7:17 4:39	7:16 5:06		
22	6:48 6:57	7:18 6:11	6:52 4:40	7:18 4:39	7:16 5:08		
23	6:49 6:55	7:19 6:09	6:53 4:39	7:18 4:40	7:15 5:09		
24	6:49 6:54	7:20 6:08	6:55 4:39	7:19 4:40	7:14 5:10		
25	6:50 6:52	7:21 6:07	6:56 4:38	7:19 4:41	7:14 5:11		
26	6:51 6:50	7:22 6:05	6:57 4:38	7:20 4:42	7:13 5:12		
27	6:52 6:49	7:23 6:04	6:58 4:37	7:20 4:42	7:12 5:13		
28	6:53 6:47	7:24 6:03	6:59 4:37	7:20 4:43	7:11 5:15		
29	6:54 6:45	7:25 6:02	7:00 4:37	7:20 4:44	7:11 5:16		
30	6:55 6:44	7:26 6:00	7:01 4:36	7:21 4:45	7:10 5:17		
31		7:27 5:59		7:21 4:45	7:09 5:18		

Source: www.usno.navy.mi

### **HUNTER ORANGE**

Hunter orange is not required by law to hunt small game in Colorado. However, its use is highly recommended to increase your safety and visibility in the field.

#### 2010 LICENSE COSTS

	Resident	Non-Resident			
Small Game	\$21.00	\$56.00			
Small Game (one-day)	\$11.00	\$11.00			
Combo Small Game and Fishing	\$41.00				
Youth Small Game	\$ 1.75	\$ 1.75			
Federal Duck Stamp	\$15.00	\$15.00			
Colorado Duck Stamp	\$ 5.00	\$ 5.00			
Habitat Stamp	\$ 5.00	\$ 5.00			
Annual maximum of \$10; Lifetime \$200.00; Hunters 18 and					
under and those over 65 do not need a habitat stamp					

License costs include a 25-cent search and rescue fee and a 75-cent surcharge for the Wildlife Management Education Fund.

#### HARVEST INFORMATION PROGRAM (HIP)

If you hunt small game, furbearers, or migratory birds in Colorado, including by falconry, you must sign up with HIP before your license is valid. Hunters must write their HIP number in the space provided on the license. Hunters will be asked basic questions about their hunting, including how many birds they harvested the previous season and what species they plan to hunt this year. Both the phone line and website run 24 hours a day, every day, and the process takes about 5 minutes. To sign up for HIP, hunters need to call 1-866-265-6447 (1-866-COLOHIP) or go online at www.colohip.com. For help getting your HIP number, call 1-800-368-4683, Monday through Saturday, 6 a.m. to 4 p.m. MST.

#### SMALL GAME HARVEST SURVEYS

The Colorado Division of Wildlife conducts several small game harvest surveys each year which are designed to estimate harvest, hunter numbers and recreation days. Harvest surveys are critical to monitor changing wildlife populations and are extremely valuable to hunters wanting to learn more about hunting small game in Colorado. Harvest survey reports are available on the Division's website. Hunters are randomly selected to participate in specific small game surveys. All small game surveys are conducted by telephone, however, some also employ notification by e-mail. If contacted, your participation is not required in any way, but responding to the survey, even if you did not hunt or harvest those specific species, is encouraged to help the Division better manage our small game resources.

# 2010 WIA - HUNTERS PLEASE NOTE

#### NO TAKE OF THESE SPECIES:

Regulation prohibits the take of Gambel's quail and sage-grouse from all WIA properties.

Gambel's quail occur only in western Colorado, primarily in the Grand and Uncompaghre valleys, and may inhabit some WIA properties in this area. Gambel's quail have a distinctive plume feather on the head, males have a black face and copper feathers on

have mostly gray plumage



top of the head, while females New Mexico Game and Fish Dept.

with a tannish gray face and beige plumage underneath.

Sage-grouse also occur in western Colorado and may inhabit some properties. Sage-grouse are a large, grayish bird with a slow wing beat in flight. Sage-grouse have distinctly pointed tail feathers and black breast feathers, both of which are visible when flushed. Sage-grouse tend to be silent when flushed.



Plains sharp-tailed grouse are known to occur in Weld, western Logan and northern Morgan counties. Plains sharp-tailed grouse are not a legal game bird in Colorado but have been transplanted into some areas to re-establish

populations. When hunting in these counties, please take special care to clearly identify the target before shooting. Sharp-tailed grouse are much lighter in color than cock pheasants and have a short, distinctly pointed tail, which shows white when in flight. Sharp-tailed grouse often



emit a low pitched series of clucks when flushed.

#### **EURASIAN COLLARED-DOVES**

Eurasian collared-doves are a relative newcomer to most hunters in Colorado. They are found sporadically across Colorado, and it is not uncommon to see them using the same habitats as mourning doves. Regulation allows the take of collared doves year-round.





Mourning dove

Eurasian collared-dove

#### **SPECIES IDENTIFICATION**

A fully feathered wing or head must be attached to all birds, except turkeys, doves and band-tailed pigeons, in transit to hunter's home or commercial processor. For pheasants, a foot with visible spur can be substituted. Note: While in the field or during transport, all dressed (not fully feathered) doves count against the daily bag and possession limit for mourning and white-winged doves during the Sept. 1-Nov. 9 dove season. Eurasian collared-doves must be fully feathered while in the field or during transport.

#### **CRP EXPIRATIONS**

Conservation Reserve Program (CRP) fields, which make up a large percentage of the land enrolled in WIA, are governed by the U.S. Department of Agriculture. As of Sept. 30, 2010, thousands of acres will expire and potentially return to cropland. While the Division has done everything possible to ensure that expiring CRP has not been enrolled, it is possible that some will be converted to cropland between the signup period and the end of the small game season. In accordance, WIA payment rates will be adjusted to compensate for the loss in hunting access.

#### **BEWARE OF HITCHHIKING SEEDS**

Many 'noxious' weeds reproduce primarily by seed. These seeds are often transported by wind, and occasionally by birds, rodents and other animals, but they could be carried in the shoelaces or pant cuffs of humans. Please help control their spread by taking a few minutes, as you leave the field, to clean your shoelaces and pant cuffs of any seed. Also, don't forget to give your hunting dog a quick brush over to remove any hitchhiking seeds before traveling to a new hunting spot!

#### SAFE HANDLING OF GAME MEAT

Concern has grown recently about diseases affecting wild animals that could potentially make humans sick. Most of the time, properly handled and prepared game meat possess no greater risk than domestic meat of causing disease in humans. Hunters are encouraged to contact their local public health department or DOW office for information on wildlife diseases that may be present where they plan to hunt. Public health officials recommend the following precautions when handling and preparing game meat:

•Do not handle animals that are obviously sick or found dead. Report sick or dead animals you find to a DOW office. •Keep game cool, clean and dry.

- •Do not eat, drink or smoke while dressing game.
- •Use disposable gloves when cleaning game.
- •Wash your hands with soap and water, or use alcohol wipes after dressing game.
- •Clean all tools and surfaces immediately afterward. Use hot soapy water, then disinfect with a 10% chlorine bleach solution.
- •Cook game meat to an internal temperature of at least 165° F to kill disease organisms and parasites. Juices from adequately cooked game meat should be clear.
- •Do not eat any raw portions of wild game.
- •Do not feed raw wild game to domestic pets.

# A GUIDE TO WALK-IN ACCESS SIGNS







### Look for these signs at WIA properties:

Walk-In Access program boundary signs come in three varieties. In the field you will see signs that have an access date of Sept. 1 through the end of February, and signs that have an access date of "The opening day of pheasant season" through the end of February. Properties that are posted to open on the opening day of pheasant season cannot be accessed prior to Nov. 13, 2010. Extended Access properties are posted to close at the end of March, annually. Two other signs are used on or near WIA properties. Parking signs are used to designate where hunters should park at some walk-in areas. A large majority of WIA properties do not have established parking areas, instead hunters should

park along the road, taking care to stay out of the traveled portion of the road but also not park in tall weeds and grass where a fire hazard exists. **Safety Zone signs** are also common on or near WIA properties. These signs are used to deliniate safety zones around buildings, homesteads, livestock corrals or neighboring landowners homes and properties. Please respect safety zone signs wherever you find them posted.







Rarely, it becomes necessary to remove a property from the WIA program after this brochure is printed. When that happens, WIA boundary signs are removed and replaced with yellow warning signs to notify hunters that the property is no longer available for Walk-In hunting. Do not hunt if fields are posted with yellow **WARNING! signs.** And remember, if you find a WIA property depicted in the

brochure but boundary signs are not present at the field corners, please do not hunt that field!

You may also see Pheasant Habitat Project Signs when hunting in eastern Colorado. These signs **DO NOT** open the land or habitat project to public WIA hunting, unless the orange **HABITAT PROJECT** signs are also accompanied by a WIA boundary sign.



















































# SMALL GAME WALK-IN ATLAS

### Finding a Better Dove Hunt:

Mourning doves are the most widespread game bird in Colorado, occurring in all of Colorado's counties. Doves were harvested in 47 Colorado counties during the last harvest survey period. With such a wide distribution, the trick to successful dove hunting becomes finding concentrations of doves during the season. While some areas may consistently provide better dove hunting than others, county harvest numbers are influenced by hunter numbers as much as dove abundance, and hunters that are willing to seek out less popular areas should find excellent action and less hunting pressure. In most cases the best dove hunting occurs on both public and private land, and the Walk-In Access program is a great opportunity for a hunter to get started.

So what makes a good dove hunting location? Well, there are some general things that hunters should pay attention to when looking for a place to hunt. For a lone hunter, 50 doves in a specific area might be enough to enjoy a good hunt, while a small group of hunters will require more doves. But find a concentration of several hundred or a thousand doves, and a great hunt should ensue. Generally speaking, doves concentrate around three primary features, roosting areas, a convenient food source, and water sources. Find any of these alone and you should find some doves – finding two or three in combination can mean a large number of doves and the potential for some great action. Studying these three primary features and understanding how doves relate to them is helpful in paring down the list of potential dove spots.

# **Roosting Areas**

Of the three, roosting areas are generally the easiest to find. Nearly any farmstead with a windbreak and a few dead snags can provide an acceptable dove roost. Seemingly, the species of tree isn't terribly important, as doves concentrate in any type that meets their needs. But cottonwood, elm, ash, locust and even Rocky Mountain junipers are known to hold large numbers of doves, when they occur in the right place. For hunting purposes, look for sites that offer doves a variety of micro-habitats, including shade and wind protection. By far, the best roost sites for hunting are those that are close to water or food. Old corrals, gravelly areas, and dusting sites all

add to the attractiveness of a roost site. Isolated tree groves are equally valuable as hunting cover in farmland or in rangeland settings, and their value seems to be inversely proportional to their occurrence on the land. Roost sites can be effectively hunted throughout the day, but the mid-morning period beginning around 10 a.m. can be excellent, as doves come to the roost after the morning feeding period.



A cottonwood riparian dove roosting site in southeast Colorado. *Photo by DOW* 

### **Food Sources:**

Dove foods can be categorized into two types: Cultivated crops and natural food sources. In most years, cultivated crops provide a predictable food source for doves. Hunters often find good-sized concentrations of doves around wheat stubble, proso millet stubble, and domestic sunflowers fields. In any of these fields, doves shy away from dense cover at ground level, so look for fields that have bare ground associated with the crop stubble, underneath the yet-to-be-harvested crop.

While doves do utilize agricultural food sources, over much of the range in Colorado, doves rely on natural food sources, including croton, beeplant, snow-on-themountain, kochia, and pig-weed seeds. Each of these can support a good concentration of mourning doves when rainfall patterns and disturbance encourage their growth, but in many years, these pale in comparison to annual sunflowers. When conditions are right, and eastern Colorado range and croplands are covered with sunflowers, hunters can find some amazing concentrations of local and migrating doves. Again, look for sunflower patches that have a thin under-story, with a good amount of bare ground. Also, pay attention to the maturity of the sunflowers. The best fields for dove hunting are those that have a good mixture of actively blooming sunflowers and already matured sunflower seeds that are falling to the ground and available to doves. In sunflower fields that are pulling in a good number of doves, hunters can pass shoot birds coming to and leaving the field, or a hunter can walk the field for opportunities at flushing doves, akin to hunting pheasants or quail. Hunters are well advised to mark downed doves precisely when hunting weedy fields, and pick them up immediately instead of shooting at other doves. Doves blend in amazingly well and can be difficult to find if a hunter waits for even a few minutes before retrieving. Sunflower fields don't have to be large, even a small patch a few acres in size can pull in a surprising number of doves.



Fields of annual sunflowers are great concentration sites for doves. *Photo by DOW* 



Rangeland with sunflowers and Rocky Mountian beeplant can attract large numbers of mourning doves. *Photo by DOW* 

### Water:

A variety of water sources are used by doves. Similar to food sources, doves seem to prefer water sources that have little or no cover at water's edge or in the adjacent uplands. Good areas that should catch your eye include cattle watering tanks, stock ponds, gravel pits, Conservation Reserve Program (CRP) guzzlers, flooded creek bottoms or small depressions that simply catch rainfall. Even a small puddle of water can pull in large numbers of doves, especially if the water is near a good food source or roosting site.

While morning hunts can be productive at watering areas, often the best activity occurs in the afternoon and into the early evening. On days that are unseasonably hot, hunting can be consistent throughout the afternoon, but the last 45 minutes of legal shooting hours can be fantastic at a well-used water site. Many eastern Colorado water



This windmill is a commonly used watering site in northeast Colorado. *Photo by Mike Trujillo* 

sources are temporary at best, but once doves start using a watering source, a good number of birds will continue to use an ever-shrinking site, as long as some water is present.

# **Hunting Concepts**

Similar to pheasant or duck hunting, preparation plays an important role in a successful dove hunt. Experienced dove hunters consider dove hunting as serious as any other hunting opportunity, right down to the techniques of scouting and watching the weather forecast. Knowing how doves react to weather patterns and even individual weather events is an important concept to master, if the goal is a successful hunt. Here are some concepts that are well worth considering before a dove hunt.

1. Habitat Composition - A proven tactic used by dove hunters is to determine which primary habitat requirement is in the least supply in a given area, and focus hunting efforts on the few areas that offer that habitat requirement. In any year or area, limiting factors change, but figuring out which requirement is most limited across the landscape is paramount to a good hunt. In an arid climate like eastern Colorado, water is not very prevalent in a normal year and often provides a good focal point for doves. Yet, if an area happens to be unusually wet, resulting in a large number of seasonal lagoons or stock ponds, each individual water source is simply less attractive to doves because they can find water in multiple locations. Even if water may not be as important in your hunting location, that same area might only have one or two fields that doves use for feeding, or only a few good roost sites. Wise hunters focus on the habitat requirement that is most limited within their hunting area.

2. Weather Effects - As the previous paragraph describes, weather can play a huge role in dove hunting. Without a doubt, weather is the most significant factor that affects doves, including their distribution and how long they remain in a certain area. Most seasoned dove hunters are well aware of the impacts a late August cold front can have on dove numbers in the northern parts of Colorado. While an August cold front is rarely severe enough to send all the doves south prior to the season, even a mild front can hurry the migration. In southern Colorado, severe cold fronts are even less common until October. More important than severe cold fronts, everyday weather events can significantly effect how doves use the landscape and in turn, affect what hunters find in the field. For instance, consider the impacts that a drought year can have on food availability and a hunter's choice of hunt location. Extremely dry seasons can reduce dove numbers in rangeland settings, because in these areas, doves are

reliant on annual forb seeds for food, like annual sunflowers or buffalo burs, which need some precipitation to compete with rangeland grasses. When these foods aren't available, doves often move to an area with more food, which often means an area dominated by cropland, primarily wheat and millet. Even in the driest years, cultivated crops produce some food for doves, and harvesting operations leave a good amount of waste grain available. In addition, grain food sources are often supplemented by broadleaf forb seeds that grow in road ditches, fence rows, and abandoned farmsteads.

3. Season timing - September 1 is the earliest date in which the Migratory Bird Treaty Act allows migratory bird hunting, including doves. In turn, mourning doves begin migrating to southern wintering areas beginning in August, although this can be early or later depending on the year. In a normal year, good numbers of doves are found in northern Colorado when the season begins in September; however, migration has normally started by this time. In northeast Colorado, it is unusual to find large numbers of doves late into September, with noticeable differences in numbers between the first few days of September and the 15th, meaning that hunters in the northeast must hunt early to find lots of doves. By October 1, only a few doves are left in northeast Colorado and hunting opportunity for doves has ended for the year. Conversely, southern Colorado populations of doves are bolstered by migrating doves throughout the month of September. In many years, good numbers of doves remain in southeast Colorado into October, providing hunters with a great opportunity to extend their season. Considering this, hunters interested in maximizing their dove hunting opportunity may choose to hunt early in the northeast, and then consider a trip or two to southern parts of the state later in the season, with a good chance of finding large numbers of birds.

