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## Recommended Muzzleloader Equipment List

### General Considerations

The best gear you can bring is a pair of lungs and legs in the best shape possible. All the money in the world can't buy gear that will replace fitness. If you smoke, try your best to quit before your trip.

Use all your gear before your trip. This especially applies to boots, day pack and safety equipment. New, not-worn-in boots can ruin a trip. Making sure your day pack fits well will make your trip more enjoyable.

If you are coming with a group that is hunting in the same camp, do not to duplicate items. Work with each other to organize who brings what. Everywhere we hunt requires pack stock. We want to avoid packing unneeded weight.

Bows and guns will be packed in scabbards on riding stock. We will not pack hard gun or hard bow cases on our pack stock. Pack your archery and rifle tools/parts in your personal gear to be packed, not in the hard case we will leave at base camp.

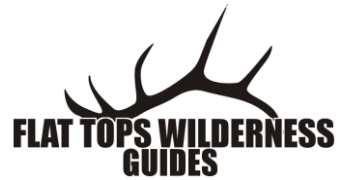
The weather in September is unpredictable and any day can turn out to be a winter day up in the high country. A large portion of our hunting area is around 11,000ft and above. Days can be warm, into the 70's, and nights below freezing.

**Stay away from cotton**, i.e. Carhartt, blue jeans, cotton socks, etc... When cotton gets wet it is useless and it will exacerbate suboptimal weather's effect on your body. Focus on wool and synthetics. There is a lot of newer technology clothing that is lightweight, packable, warm and dries quickly.

We recommend brands and models of specific gear in our lists. Do not construe these recommendations as the only option. We use these items personally. Because we do this for a living, our choices are on the more expensive end of the spectrum. There is always a range of prices on gear that will get the job done.

At the end of this list, we include a list of what our guides carry that can be shared. If you are on a guided hunt you can choose to not carry/bring these items yourself.

Don't hesitate to give us a call about any specific gear questions.



## **Boots and Footwear**

### 1 Primary pair of waterproof hiking boots.

- Boots that are lined with Gore-Tex (usually indicated with GTX in the model name) are a good option.
- If we have indicated to you that we will be hunting our high camps, a mountaineering type boot is best. We use Kenetrek Mountain Extremes, Scarpa Fuego or Wrangell, Lowa Tibets, and Meindl Alaska Hunters.
- As a less expensive option, many hunters are happy with Danner boots.
- Try to visit a retail location where you can try on different boot models. Fit is essential.
- In steep terrain, the rigidity of the sole is more important than the boot height. Wearing boots that are uncomfortably high can cause “shin bump”, an uncomfortable sore spot on your shins.
- We do not recommend plastic mountaineering boots (like Asolo). They are too uncomfortable when covering level ground.

### 1 Secondary pair of boots/shoes

- In September, a pair of Merrel type hiking shoes is great backup footwear. They are not great in wet conditions, but the reduced weight and increased breathability are nice.
- A pair of tennis shoes can even work well in September as camp/backup footwear.

### 4 Pair sock liners

- Thin liner socks will help you avoid blisters and allow you to pack fewer pairs of primary socks.
- We prefer ultra-thin, silk liners. Merino wool and synthetics will also work well.

### 4 Pair primary socks

- Even in September, the best option is heavy wool.
- If you tend to have warm feet, bring lightweight wool socks in place of your liner socks. If the weather is warm, you can just wear the lightweight socks.



## **Base Clothing**

3 Pairs of long underwear sets

- Synthetics and merino wool are good options
- Get different weights so you have flexibility for temperatures
- You will not need heavy, wool long underwear
- You can substitute synthetic boxer shorts if you know you run warm

**Because of the hunter orange requirement, you don't necessarily need camouflage gear during muzzy season. A lot of times you can save money by purchasing clothing that has the same traits as hunting clothes, but is sold to the masses and is not camo.**

**Bring quiet gear. If it goes "swoosh" when you move, don't bring it.**

## **Daily Layers**

**All muzzleloader hunters are required to wear at least 500 square inches of orange while hunting. You need to wear an orange hat.**

2 Lightweight hunting shirts

1 Mid-weight hunting shirt

2 Pair lightweight hunting pants

- On nice days, lightweight almost pajama-like (MicroTex) pants are awesome.
- Avoid vegetation that releases burrs. This type of pant picks burrs up.

1 Pair mid-weight hunting pants

- Sitka Mountain Pants are a good option

## **3 Layer Outerwear System**

(If you run cold, bring a Primaloft insulated jacket or vest in addition to these layers)

1 Lightweight fleece or soft-shell jacket

1 Heavy hunting jacket for cold weather

- Wool or wool/synthetic is best.
- Cabelas Outfitter's Woolmite/Windshear Jacket is a good option.
- Needs to have wind stopping attributes.

#### 1 Full set of rain gear

- Helly Hansen produces the best rain gear we know of, but a little uncomfortable if you are moving around a lot. Impertech is the preferred HH model of rain gear.
- If you see yourself hunting a lot in the rain (not just waiting it out), purchase the more expensive Sitka, Kuiu, or Rain Suede gear. It does a good job, is comfortable and is not noisy.
- Don't forget rain pants!

#### **Other Clothing**

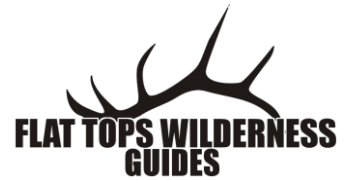
1-2 Bandanas are nice to have. They can be used for lots of things and are good for keeping sweat off your face on long hikes.

#### 2 Pairs of gloves

- One light weight and one heavier (wool is best) pair of gloves is optimal.
- We prefer glommits because they allow us to use our fingers. Cabelas Big Game Glommits are a good choice.
- You can also wear dark pig skin leather gloves with separate wool liners for insulation if needed.
- Learn to quickly/safely remove or shoot your gun with your chosen gloves. Sometimes this means removing the trigger finger part of your glove or glove liner.

#### 1 Warm hat and/or baclava

- We usually wear wool beanies, but this is personal preference
- Light fleece hats can be plenty warmth during September



## **Hunting Gear**

Muzzleloader and all accessories

- Review the Colorado regulations to make sure your equipment is compatible with the state's caliber restrictions. No scopes are allowed on muzzleloaders in Colorado.

Elk calls

- Learn how to use a cow call well. Bull bugles used too frequently and aggressively save more elk than any conservation effort.

Wind indicator

Do not bring a pistol. It is just added weight and will not protect you any better than your muzzleloader.

## **Tool Gear**

### 1 Head lamp

- A light with both a red and white light is best. Having multiple bulbs is a good backup and red is better while riding because the horses/mules are more comfortable with it.

### 1 Small flashlight

### 1 Small GPS

- Simple GPS's are fine. We use eTrex models that are small, easy to use, economical, and waterproof.

### Extra batteries and bulbs for all equipment

### Topo map and compass

- Check your compass to make sure it is pointing to North
- Do not store your compass near lead fishing weights or similar items. It is easy to reverse polarize today's cheaper compass. A reverse polarized compass will take you in the exact opposite direction.

### Binoculars

- Your optics are the second most important piece of gear, right behind boots.
- We have had good luck with the top models from Nikon. Swarovski and other high-end brands are worth the money if you plan to use them for years of hunting.
- Low-light performance is the most important variable.
- We carry Nikon Trailblazer 10x50s that are waterproof.

### Spotting Scope (optional)

- Great for individuals that enjoy setting at glassing points for long periods of time
- The added distance and looking through a different optic will allow your eyes to glass for longer periods of time

### Rangefinder (optional)

- The best thing you can do is practice with an elk-sized target at know distances

- Do not practice with a whitetail or smaller target. This will cause you to underestimate the distance of live elk and mule deer

#### Knives and game cleaning

- We carry replaceable blade type knives as our primary game processing tool. Not having to sharpen and carry sharpening tools is a huge plus.
- Havalon and Razor-lite are good replaceable blade knives
- We use axes for quartering, but your guide or drop camp will already be supplied with them.
- Have a classic fixed blade knife for utility jobs and getting around bone if you need to. We use foldable buck knives with 2-4" blades. Their Omni Hunter is a good knife.
- Small bone saws are not necessary. It's difficult to saw an elk pelvic bone with these small saws.

#### 6 Game Bags

- We can hang your quarters in game bags at base camp in our cool cabin facility.

Handful of surveyors tape to mark downed game, blood trails or signal your location

#### Day pack

- A comfortable pack in the 1,600-2,200 cubic inch range

#### Camera

- Bring your charger and/or spare batteries
- The cold can quickly uncharge a charged battery

#### Two way radios if you are coming with a group

- Many of our guides carry these radios. Keep in mind that their range is limited in steep terrain.

#### Water bottle and/or hydration bladder

- Sturdy bladders that go in your day pack are best

#### Water purification tablets or water purifiers

- Many of our guides carry water purifiers, but carrying a light weight personal purifying method makes water stops quicker and easier.

- The most common way we sanitize water is by boiling. However, on long day hikes when you need to refill your water bottle in the field, having a lightweight purifying mechanism is great.
- Electrolyte tablets, like Nuun, improve the taste of purified water (tablet purified, filtered, or boiled) and add an energy boost.

A small hand stove (optional)

- An easy to use and light stove like the JetBoil are nice to have for quick water purification or making up a hot cup of tea or instant coffee in the field. You can also start a hell of a fire with them if you get into a bind.

## **Personal Gear**

Sleeping bag

- For muzzy season a 0-10 degree rated bag or warmer is best.
- We prefer non-mummy type bags for comfort, this is personal preference

Personal Hygiene and Medication Items

- Make sure you have enough of any prescriptions
- If you have had anaphylaxis (allergic reaction) to bees or other insects, please carry an Epi-Pen at all times.
- Pepto-Bismol and other routine medications can be helpful
- Altitude medication if you have a history of altitude sickness

Baby Wipes

- No better bathroom wipe around

Chapstick and Sunscreen

Bug spray

Couple pairs of latex or equivalent gloves for cleaning game or first aid

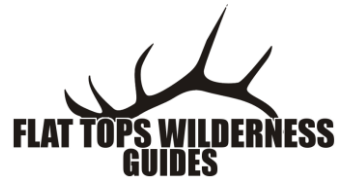
An extra pair of eye glasses or contacts if you wear them

Scent control products

2 Soft duffle bags to pack most your gear in for packing on mules

- Each bag must weigh less than 75lbs a piece





- Water, camera, clothing layers are allowed in saddlebags. Other gear is not allowed.
- Wearing day packs while riding is prohibited on packin and packout

Super absorbent personal towel

- REI sells lots of good options that are packable, dry quickly and absorb an astonishing amount of water.

Garbage bags for trash

### **Safety Gear**

**Design a method to carry the bare essential safety gear on your person at all times. We carry small fanny pack type bags with this gear.**

Fire starting capability

- Being able to start a fire quickly, without inducing yourself into a panic, can save your life.
- We use wax covered cotton balls or wax covered dryer lint as tinder that we always carry. These hold a flame for up to a minute in the worst conditions. Always carry tinder that you are confident using. **Do not depend on starting a fire from solely natural material.**
- Storm matches and water proof matches are good for starting fires here. High altitude can drastically affect the reliability of lighters.
- Have more than one way to start a fire on your person at all times

2 Heavy Duty Garbage Bags

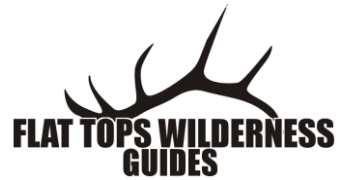
- 2 mil+ 55 gallon contractor bags are best
- These bags work better than the thin, shiny safety blankets you find in first aid kits
- Cut a hole for your head and wear as a poncho to keep yourself warm and dry
- Heavy duty emergency bags (usually called emergencies bivys) are a good alternative

Extra Batteries and Bulbs for your Devices

Water purification tablets

Communication device

- In our contracts, we mandate that our hunters rent or we rent on their behalf, a satellite phone or satellite message system (Spot, InReach, etc...)



Parachute Cord 15-30ft

Whistle for signaling

Small 8x10 Tarp (optional)

- Can be bulky but great to put in the bottom of your day pack until the day you need it. Fantastic for extra warmth or a quick shelter from elements.

Zip ties

- Useful for a ton of different things from emergency shoe laces to making a quick shelter

### **First Aid Kit**

**Our guides carry first aid kits and our camps have first aid kits in them. Do not waste weight by carrying first aid items you won't use or do not know how to use. For example if you don't have any wilderness medicine training, a zip lock bag with Band-Aids, gauze, Neosporin, tweezers, Benadryl, Moleskin, soap and Ibuprofen is plenty.**

**If you are at risk of a heart attack, bring Aspirin.**

**Bring an Epi-Pen if you are allergic to any insects. You must get these via doctor's prescription.**

### **Paper Work**

Hunting license and tag

Fishing license if you plan to fish

Anyone born after Jan. 1, 1949 MUST have a Hunter's Safety Card to buy a Colorado hunting license. You must also carry your card with you while hunting!

Any remaining payment for your trip

- **We will not pack in hunters who have not completely paid for their trip.**
- Cash preferred. Cashier's checks are OK. **We do not accept personal checks or credit cards for the remaining balance.**

### **Food (Standard Drop Camps Only)**

Pack food that isn't drastically different than your normal diet. High altitude can affect your digestive system. The last thing you want to do is add an additional variable. Focus on high caloric foods and make sure to pack some food that can go with you in your day pack while hunting. If you have someone in your group who wants to spend time being a cook, plan out several enjoyable meals. If not, focus on meals you will enjoy but are easy to prepare. Pack a couple easy meals regardless of your cooking intentions, sometimes circumstances make an easy prep meal a godsend.

Steaks, burgers, fruit, potatoes, toast, bagels, buns, eggs, sausage/bacon, ham, canned goods, cheese, and slow to perish vegetables (carrots, broccoli, green beans etc...) are all common. Don't forget cooking oils.

Assume that half your weight limitation will be used for food. That means 75lbs per person, or roughly 10lbs a day. This limitation includes the weight of packaging so consider repackaging.

Frozen and perishable food should be packed in coolers that weigh less than 75lbs a piece and are near the 48 quart volume size. If your group is bringing an even number (2,4,6) number of coolers, pair the coolers so we have matching weight coolers to pack on the mules (one on each side of a mule).

Frozen food stays best if wrapped in several layers of newspaper in a cooler without ice. Perishable food can be placed in a cooler with block ice, which stays useful for multiple days. Eggs and bread can be packed on the top in coolers.

Nonperishable food can be brought to base camp in cardboard boxes. We will pack the items to make even loads for the mules.



### **Important Items Our Guides Carry (Only applicable to guided hunts)**

Water purification

Wind indicator

Knives

Radio or other communication

GPS

Fire starting capability

8 x 10 Tarp

Bivy bag or contractor's garbage bags

Zip ties

Rope or Parachute Cord

Compass, topo map

Surveyors' tape

Elk calls

Game bags

Garbage bags for trash

Sunscreen

Bug Spray

Game field dressing and quartering equipment

First Aid Kit:

Gauze pads, Combine dressing, Band-aids, Roller gauze, Occlusive dressings, Triangular bandage, Elastic wrap (Ace bandage), Sam splint or Wire splint, Exam gloves, 1 CPR Pocket mask, Blister kit (moleskin, second skin), Splinter tweezers, Medical kit (aspirin, ibuprofen, tylenol, benadryl, oral glucose, etc), Medical tape