

# **IGBC BEAR-RESISTANT PRODUCTS**



# Attention!

You may notice that the IGBC's list of certified bear-resistant products has recently changed.

Manufacturers of IGBC-certified bear-resistant products are required to verify that their products are still manufactured to their original specifications, and that they are still available to consumers, and to annually pay an administrative fee. This process helps ensure that the information IGBC is providing to the public about these products is accurate and current.

Products from manufacturers that have completed this verification process appear on this list of IGBC-certified bear-resistant products. If a manufacturer has not completed the annual verification process (including payment of their administrative fees), then their products do not appear on the IGBC's list of certified products.

Manufacturers can contact the testing program, confirm the status of their IGBC-certified products, pay the required administrative fee, and have their products added back to the official IGBC list of certified bear-resistant products.

**[testing@igbconline.org](mailto:testing@igbconline.org)**

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# Introduction

Interagency Grizzly Bear Committee (IGBC) Bear-Resistant Products (BRPs) provide a way to secure food, garbage, and other attractants on public and private lands. These BRPs have been tested by the IGBC and meet or exceed minimum IGBC standards.

Interagency Grizzly Bear Committee BRPs are one method of complying with some food and garbage storage requirements on public lands. These requirements apply to most National Forests, National Parks, and federal lands managed by the Bureau of Land Management within grizzly bear range. They may also apply on some state lands. In addition, some municipalities, private land owners, and homeowners associations require use of IGBC BRPs through garbage ordinances and by-laws.

The IGBC does NOT dictate the bear-resistant products that can be used to meet food storage regulations on specific public lands. Each land management authority determines specific products and methods that can be used to comply with the food storage regulations that apply on the lands it manages.

Please ensure you are choosing or using a product that complies with the requirements that apply in that location.

The IGBC List of Certified Products includes two groups of bear-resistant products and designs.

- Bear-Resistant products that the IGBC has confirmed are available for purchase. Links provided with these products connect to the manufacturer's homepage or other websites where the product can be purchased.
- Electric fence designs and products that have been tested and meet IGBC standards to secure attractants in areas with grizzly bears. \*

\* Electric fence designs and products listed in this document are not intended to replace bear aware recommendations to prevent bears from being attracted to tents and/or areas while people are sleeping.

Products in this document have been tested by the IGBC and have met IGBC standards as grizzly bear-resistant. Certification does not guarantee that a grizzly bear will never gain entry into these products. Nor does the IGBC guarantee that small amounts of the contents of the containers won't be able to leak or spill out.

These commercial products and suppliers is presented for information only and inclusion in this document does not imply any endorsement of one product or source over another. Products are generally arranged in alphabetical order.

This official list of bear-resistant products will be updated as needed. Please note that some products may be marketed or sold under different brand names.

# **IGBC BEAR-RESISTANT PRODUCTS**

## **BACK PACKING & SMALL STORAGE CONTAINERS**

### **ADOTEC**

Ultralight Food Locker, Grizzly Bear Model – IGBC Certification No. 245493 (Approved 08-13-24)  
226-456-3316 [www.adotecgear.com](http://www.adotecgear.com)

### **ALUBOX.COM**

Metal Storage Case, Model A042 - IGBC Certification No. 5411 (Approved 8-10-21)  
+45 57601002 [www.alubox.com](http://www.alubox.com)

### **BearVault**

BV425 - IGBC Certification No. 5422 (Approved 6/13/22)  
BV450 - IGBC Certification No. 5339  
BV475 - IGBC Certification No. 5423 (Approved 6/13/22)  
BV500 - IGBC Certification No. 5340  
866-301-3442 <http://www.bearvault.com>

### **Grub Can**

Wave 6.6 - IGBC Certification No. 5414 (Approved 10-11-21)  
Wave 10.0 - IGBC Certification No. 5415 (Approved 10-11-21) NOT CURRENTLY IN PRODUCTION  
Carbon 6.6 - IGBC Certification No. 5427 (Approved 6-23-22)  
Carbon 4.5 - IGBC Certification No. 235484 (Approved 10-25-23)  
928-853-8070 [www.grubcan.com](http://www.grubcan.com)

### **Missoula Technical Development Center**

Modifications to 50 Caliber Ammo Box: Military grade solid steel ammunition cans, with hinged lid and locking latch. Must be modified to include a bolt (with nut and washer) through the latch that prevents the latch from being opened and lid removed when bolt is in place (as shown in "[Interagency Grizzly Bear Committee. 1989. Bear-Resistant Containers – Minimum design and structural standards; Inspection and testing methodology.](#) Page 18."). These types of ammunition cans are available in various sizes. Acceptable dimensions include: length: 10"–19; height: 7" – 15"; width: 3" – 10 ". IGBC Certification No. 5419

### **REI**

Traverse Bear Can, Model 25200 – IGBC Certification No. 245491 (Approved June 27, 2024)  
208-610-8887 [www.rei.com](http://www.rei.com)

### **Ursack (Bear Saga, LLC)**

Food Storage Bag – Model: Ursack Major (Previously the S29 AllWhite) – IGBC Certification No. 3738  
Food Storage Bag – Model: AllMitey – IGBC Certification No. 5135 (Approved 4-24-17)  
440-570-1503 [www.ursack.com](http://www.ursack.com)

## Open-Head Steel Drums

Open-head, steel drums, sizes 5 to 55 gallons, with steel lids that attach to the drum head with a metal ring around the rim that is secured with a bolt and nut, or with a self-locking lever that is secured with a metal carabiner or padlock. Drums should be constructed of 12 – 20 gauge steel (i.e., steel thickness between 0.9 mm (0.035”) and 1.5 mm. (0.059’’)). - IGBC Certification Number 235466 (Approved May 10, 2023)

## PANNIERS and BOXES

### Colorado River and Trails Expeditions Inc.

Rafting Dry Box - IGBC Certification No. 5446

800-253-7328 <https://crateinc.com>

### Industrial Design & Equipment, Inc. DBA Indeco Inc.

Aluminum Storage Pannier Model 3.03 – IGBC Certification No. 3767

360-393-9750 <http://www.indeco-usa.com>

### Mad Cow Metal Works

Aluminum dry boxes ranging in size from 12”x8”x7” to 40”x16”x16”, IGBC Certification No. 3353

Aluminum horse pannier 24”x13”x18” – IGBC Certification No. 3355

406-581-9115 <http://madcowmetalworks.com>

### Metalworks of Montana

Aluminum Pannier/Storage Box– IGBC Certification No. 2810

406-728-5070 [www.metalworksofmt.com](http://www.metalworksofmt.com)

### Outfitters Supply, Inc.

Trail Max Pack Panniers Item# WPA500 – IGBC Certification No. 5279 (Approved 04/30/10)

406- 892-3650 [www.outfittersupply.com](http://www.outfittersupply.com)

## COOLERS

**\*\* COOLERS REQUIRE USE OF BOLTS AND NUTS OR  
APPROPRIATELY-SIZED PADLOCKS TO BE BEAR-RESISTANT \*\***

### Bison Coolers

Bison 25 QT Cooler, Model 500101 - IGBC Certification No. 235482 (Approved 9/14/23)

Bison 50 QT Cooler, Model 500201 - IGBC Certification No. 235470 (Approved 7/25/23)

Bison 75 QT Cooler, Model 500301 - IGBC Certification No. 235480 (Approved 9/6/23)

682-235-5125 [www.bisoncoolers.com](http://www.bisoncoolers.com)

## **Cixi Dafeng Plastic Metal Industry Co., Ltd.**

Cooler Box Model GMD35L - IGBC Certification No. 235477 (Approved 8/15/23)

Cooler Box Model GMD65L - IGBC Certification No. 235478 (Approved 8/15/23)

Cooler Box Model GMD20L - IGBC Certification No. 5271 (Approved 11/13/19)

Cooler Box Model GMD55L - IGBC Certification No. 5261 (Approved 7/23/19)

Cooler Box Model GMD75L - IGBC Certification No. 5269 (Approved 10/28/19)

86.0574.6222.1115 <http://good-mood.net>

## **Cold Bastard Outdoors**

Hard Cooler, Model Rugged+45 – IGBC Certification No. 5389 (Approved 8/21/20)

Hard Cooler, Model Rugged+70QTW – IGBC Certification No. 5406 (Approved 6/14/21)

Hard Cooler, Model Rugged+20QT – IGBC Certification No. 5407 (Approved 7/21/21)

951-239-0402 [www.coldbastardcoolers.com](http://www.coldbastardcoolers.com)

## **EUFORIC Brands (see Maluna Unhinged)**

### **Discover Home Products**

Camp-Zero Cooler, Model CZ-10L - IGBC Certification No. 5170 (Approved 10-16-17)

Camp-Zero Cooler, Model CZ-12L - IGBC Certification No. 225437 (Approved 10-17-22)

Camp-Zero Cooler, Model CZ-16L - IGBC Certification No. 5262 (Approved 8-30-19)

Camp-Zero Cooler, Model CZ-20L - IGBC Certification No. 5143 (Approved 5-1-17)

Camp-Zero Cooler, Model CZ-40L - IGBC Certification No. 5163 (Approved 8-24-17)

Camp-Zero Cooler, Model CZ-50L - IGBC Certification No. 235481 (Approved 9-14-23)

Camp-Zero Cooler, Model CZ-60L - IGBC Certification No. 5146 (Approved 5-8-17)

Camp-Zero Cooler, Model CZ-80L - IGBC Certification No. 5144 (Approved 5-1-17)

Camp-Zero Cooler, Model CZ-110L - IGBC Certification No. 5145 (Approved 5-1-17)

636-600-1895 [www.camp-zero.com](http://www.camp-zero.com)

### **GoatBoxCo.**

HUB 50 Cooler - IGBC Certification No. 225430 (Approved 8/4/22)

HUB 70 Cooler - IGBC Certification No. 225435 (Approved 10/17/22)

979-575-0182 [www.goatboxco.com](http://www.goatboxco.com)

### **GOSARGE Coolers**

50 QT Cooler, Model APC-50 - IGBC Certification No. 255499 (Approved 5/29/25)

210-460-9646 [www.gosarge.com](http://www.gosarge.com)

### **Grizzly Coolers, LLC**

Grizzly Cooler, Model G15, Part No. IRP-9100 – IGBC Certification No. 5006

Grizzly 45 Cooler, Model G45 – IGBC Certification No. 235468 (Approved 08/7/23)

Grizzly Cooler, Model G60, Part No. IRP-9110 – IGBC Certification No. 5025

Grizzly Cooler, Model Grizzly 100, IRP-9140 – IGBC Certification No. 5066 (Approval date 5/17/16)

Grizzly Cooler, Model Grizzly 165 – IGBC Certification No. 5165 (Approval date 8/28/17)

Grizzly 400 model # IRP-8040: IGBC Certification No. 3402

Grizzly 75 model # IRP-9070: IGBC Certification No. 3370

Grizzly 40 model # IRP-9080: IGBC Certification No. 3369

Grizzly 20 model # IRP-9090: IGBC Certification No. 3725

Bud Light 40QT Cooler, Model 3001069 – IGBC Certification No. 5404 (Approved 5/13/21)

844-474-9872 [www.grizzlycoolers.com](http://www.grizzlycoolers.com)

## **Lifetime Products**

Lifetime 28 QT Cooler, Models 90911, 91020, 91023, 91024, 91183, 91226, 91289: **IGBC Cert. No. 5248 (Approved 12/05/18)**  
Lifetime 28QT High Performance Cooler, Model 91178 – **IGBC Cert. No. 5425 (Approved 6/21/22)**  
Lifetime 48QT Cooler, Model 91074, 91227, 91325 – **IGBC Certification No. 5399 (Approved 5/12/21)**  
Lifetime 55 QT Cooler, Models 90820, 90895, 90949, 91021, 90914: **IGBC Cert. No. 5169**  
Lifetime 55 QT Wheeled Cooler, Model 91072, 91165: **IGBC Cert. No. 5391 (Approved 10/15/20)**  
Lifetime 65 QT Cooler, Models 90983, 90997, 91005, 290983, 91061, 91085, 91070, 91131: **IGBC Cert. No. 5267 (Approved 10/22/19)**  
Lifetime 65QT Wheeled Cooler, Model 91179 – **IGBC Cert. No. 5428 (Approved 7/22/22)**  
Lifetime 77 QT Cooler, Model 90903: **IGBC Cert. No. 5245 (Approved 11/26/18)**  
Lifetime 115 QT Cooler, Models 91000, 91108: **IGBC Cert. No. 5288 (Approved 7/10/20)**  
Lifetime 28QT Cooler, Model 26714924 – **IGBC Cert. No. 255497 (Approved 5/19/25)**  
Lifetime 48QT Cooler, Model 26714927 – **IGBC Certification No. 255498 (Approved 5/19/25)**  
801-776-1532 [www.lifetime.com](http://www.lifetime.com)

## **Lone Mountain Coolers (Permafrost Coolers)**

Lone Mountain 35QT cooler – **IGBC Certification No. 5417 (Approved 11/16/21)**  
Lone Mountain 45QT cooler – **IGBC Certification No. 5413 (Approved 9/16/21)**  
Lone Mountain 75QT cooler – **IGBC Certification No. 5418 (Approved 11/22/21)**  
Lone Mountain 20QT cooler – **IGBC Certification No. 5421 (Approved 06/13/22)**  
Lone Mountain 60QT cooler – **IGBC Certification No. 225436 (Approved 10/17/22)**  
Lone Mountain 110QT cooler – **IGBC Certification No. 5429 (Approved 7/22/22)**  
406-599-8993 [www.lonemountaincoolers.com](http://www.lonemountaincoolers.com)

## **Maluna Unhinged (EUFORIC Brands)**

Maluna Unhinged 22 QT Cooler - **IGBC Certification No. 235471 (Approved 7-31-23)**  
Maluna Unhinged 50 QT Cooler - **IGBC Certification No. 235472 (Approved 7-31-23)**  
Maluna Unhinged 70 QT Cooler - **IGBC Certification No. 235473 (Approved 7-31-23)**  
Maluna Unhinged Cooler, Model 40QT - **IGBC Certification No. 5424 (Approved 6-13-22)**  
218-822-4547 [www.eufouric.com](http://www.eufouric.com)

## **Permafrost Coolers (see Lone Mountain Coolers)**

## **YETI Coolers**

45 QT Cooler - **IGBC Certification No. 5329**  
Roadie Cooler 20 - **IGBC Certification No. 3716**  
Tundra Cooler 35 - **IGBC Certification No. 3717**  
Tundra Cooler 45 - **IGBC Certification No. 3701**  
Tundra Cooler 50 - **IGBC Certification No. 3390**  
Tundra Cooler 60 – **IGBC Certification No. 5211**  
Tundra Cooler 65 - **IGBC Certification No. 3702**  
Tundra Cooler 75 - **IGBC Certification No. 3391**  
Tundra Cooler 85 - **IGBC Certification No. 4882**  
Tundra Cooler 105 - **IGBC Certification No. 3392**  
Tundra Cooler 110 - **IGBC Certification No. 3393**  
Tundra Cooler 120 - **IGBC Certification No. 3704**  
Tundra Cooler 125 - **IGBC Certification No. 3394**  
Tundra Cooler 155 - **IGBC Certification No. 4883**  
Tundra Cooler 160 - **IGBC Certification No. 3395**



Tundra Cooler 210 - **IGBC Certification No. 5017**  
Tundra Cooler 250 - **IGBC Certification No. 3703**  
Tundra Cooler 350 - **IGBC Certification No. 5032**  
Tundra Cooler 420 - **IGBC Certification No. 3718**  
Roadie 48 Wheeled cooler – **IGBC Certification No. 245489 (Approved 04/29/24)**  
[www.yeti.com](http://www.yeti.com)

## **GARBAGE CONTAINERS, FOOD STORAGE LOCKERS, RECYCLING UNITS & GREASE BINS**

### **BearSaver**

Dumpster: 3-yrld, front-load - **IGBC Certification No. 5369**  
Food Storage Locker: FS15 - **IGBC Certification No. 5371**  
Food Storage Locker: FS16 - **IGBC Certification No. 5372**  
Food Storage Locker: FS20 - **IGBC Certification No. 5373**  
Food Storage Locker: FS24 - **IGBC Certification No. 5374**  
Food Storage Locker: FS30 - **IGBC Certification No. 5375**  
Trash/Recycling Unit: HB-1 - **IGBC Certification No. 5376**  
Trash/Recycling Unit: HB-1 Mini - **IGBC Certification No. 5377**  
Trash/Recycling Unit: HB-2 - **IGBC Certification No. 5378**  
Trash/Recycling Unit: HB-2 Mini - **IGBC Certification No. 5379**  
Trash Enclosure – Single: BE1-P - **IGBC Certification No. 5380**  
Recycling Enclosure – Single, Model BE1-Y - **IGBC Certification No. 5381**  
Trash Enclosure – Double, BE2-P - **IGBC Certification No. 5382**  
Recycling Enclosure – Double, BE2-Y - **IGBC Certification No. 5383**  
Trash/Recycling Combo Unit - Double: BE2-PX - **IGBC Certification No. 5384**  
Trash Cans and Recycle Bins: “CE Series” - **IGBC Certification No. 5385**  
Trash Cans and Recycle Bins: “HA Series” - **IGBC Certification No. 5386**  
Residential Trash Cart Enclosure: RCE195F - **IGBC Certification No. 5387**  
Residential Trash Cart Enclosure – 35 Gallon: RCE135F - **IGBC Certification No. 5388**  
Trash/Recycling Unit: “RCE Series” - **IGBC Certification No. 5393**  
Mini-Depot Triple Recycling Unit: MDYP-LL - **IGBC Certification No. 5366**  
Mini-Depot Trash/Recycling Combo Unit: MDYP-LL-X - **IGBC Certification No. 5367**  
800-851-3887 <http://www.bearsaver.com>

### **Bear Stop Box - (I.C. Refrigeration Service Inc.)**

Bear Stop Box, Model 2CCGCE - **IGBC Certification # 235487 (Approved 12-21-23)**  
209-538-8271 [www.bearstop.org](http://www.bearstop.org)

### **CanShed, LLC**

CanShed 3 Slider garbage can enclosure – **IGBC Certification No. 3754**  
720.204.8004 [www.canshed.us.com](http://www.canshed.us.com)

## Capital Industries

3 yd<sup>3</sup> Dumpster – IGBC Certification No. 5276  
2-yd<sup>3</sup> Front-Load Dumpster - IGBC Certification No. 5336A  
2-yd<sup>3</sup> Rear-Load, Split Style Bear Lid Dumpster - IGBC Certification No. 5336B  
3 yd<sup>3</sup> Front-Load Dumpster – IGBC Certification No. 5336C  
3 yd<sup>3</sup> Rear-Load Dumpster – IGBC Certification No. 5336D  
4 yd<sup>3</sup> Front-Load Dumpster – IGBC Certification No. 5336F  
4 yd<sup>3</sup> Rear-Load Dumpster – IGBC Certification No. 5336G  
6 yd<sup>3</sup> Front-Load Dumpster – IGBC Certification No. 5336H  
6 yd<sup>3</sup> Rear-Load Dumpster – IGBC Certification No. 5336I  
8 yd<sup>3</sup> Front-Load Dumpster – IGBC Certification No. 5336J  
206-762-8585 [www.capitalind.com](http://www.capitalind.com)

## Colorado Correctional Industries

1.5yd Rear Load Dumpster, Model: WM1.5CDREL-BPL	IGBC Cert. No.: 5193
2yd Rear Load Dumpster, Model: WM2CDREL-BPL	IGBC Cert. No.: 5194
2yd Front Load Dumpster, Model: WM2CDFEL-BPL	IGBC Cert. No.: 5195
3yd Rear Load Dumpster, Model: WM3CDREL-BPL	IGBC Cert. No.: 5196
3yd Front Load Dumpster, Model: WM3CDFEL-BPL	IGBC Cert. No.: 5197
4yd Front Load Dumpster, Model: WM4CDFEL-BPL	IGBC Cert. No.: 5198
6yd Front Load Dumpster, Model: WM6CDFEL-BPL	IGBC Cert. No.: 5199
8yd Front Load Dumpster, Model: WM8CDFEL-BPL	IGBC Cert. No.: 5200
95 Gal. Roll-Away Cart, Model: MPBP95C	IGBC Cert. No.: 5201
32 Gal. Double Residential, Model: MPBPFD32C	IGBC Cert. No.: 5202
32 Gal. Single Residential, Model: MPBPFS32C	IGBC Cert. No.: 5203
35 Gal. Double Residential, Model: MPBPFD35C	IGBC Cert. No.: 5204
35 Gal. Single Residential, Model: MPBPFS35C	IGBC Cert. No.: 5205
95 Gal. Double Residential, Model: MPBPFD32C	IGBC Cert. No.: 5206
95 Gal. Single Residential, Model: MPBPFS32C	IGBC Cert. No.: 5207
Quick Release Locking System, Model: MPBPQRS	IGBC Cert. No.: 5208
70 Gallon Tip-Out, Model: MPBPFS70G	IGBC Cert. No.: 5293
Single Campsite Food Storage Locker	IGBC Cert. No.: 5299 (Approved 5/10/05)

### [Colorado Correctional Industries](#)

## Gardner Garbage Service

Grizzly Guard Dumpster, Model 01 - IGBC Certification # 245495 (Approved 01-06-25)  
406-224-7642

## Grizzly Fabrication & Welding, LLC

2 yd dumpster with single latch – IGBC Certification No. 5191 (approved 8/4/09)  
4 yd dumpster with single latch – IGBC Certification No. 5192 (approved 8/4/09)  
Food storage locker, 12 cu<sup>3</sup> ft, Model 612C-RE – IGBC Certification No. 5185 (Approved 11/27/12)  
Food storage locker, 15 cu<sup>3</sup> ft, Model 615C-RE – IGBC Certification No. 5186 (Approved 11/27/17)  
Food storage locker, 24 cu<sup>3</sup> ft, Model 624C-RE – IGBC Certification No. 5187 (Approved 11/27/17)  
Food storage locker, 30 cu<sup>3</sup> ft, Model 630C-RE – IGBC Certification No. 5044 (Approved 11/21/17)  
(307) 271-1267 [www.grizfab.com](http://www.grizfab.com)

## **Jamestown Advanced Products Corp**

24 ft<sup>3</sup> Food Storage Locker – IGBC Certification No. 3766

24 ft<sup>3</sup> Food Storage Locker, Model 16803-001 – IGBC Certification No. 5215 (Approved 2/16/18)

30 ft<sup>3</sup> Food Storage Locker, Model 16804-001 – IGBC Certification No. 5216 (Approved 2/16/18)

30 ft<sup>3</sup> Stackable Food Locker, Model 16808-001 – IGBC Certification No. 5217 (Approved 2/16/18)

15 ft<sup>3</sup> Food Locker, Model 16802-001 – IGBC Certification No. 5221 (Approved 2/23/18)

24 ft<sup>3</sup> Stackable Food Locker, Model 16807-001 – IGBC Certification No. 5222 (Approved 2/23/18)

26 ft<sup>3</sup> Food Locker with Sloped Lid, Model 16842-001 – IGBC Certification No. 5223 (Approved 2/23/18)

2-yd<sup>3</sup> Front-Load Dumpster – IGBC Certification No. 5307 (Approved 9/25/08)

716-483-3406 [www.jamestownadvanced.com](http://www.jamestownadvanced.com)

## **Northland Products, Inc.**

Kodiak Can, 65-gal, rotating knob latch, Model KP65- HDRK - IGBC Certification # 5142 (Approved 4-30-17)

Kodiak Can, 95-gal, Model KP-95 HD- IGBC Certification # 5048 (Approved 5-27-16)

Kodiak Can, 95-gal, heavy weight; rotating knob latch, Model KP-95X HD - IGBC Certification #5071 (App. 7-5-16)

Kodiak Can, 95-gal, standard weight/rotating knob latch release, Model KP95-HDRK - IGBC Cert. # 5136 (App. 7-5-16)

Kodiak Can, 95-gal, standard weight w/ rotating knob latch release, Model KP95-HDRK - IGBC Cert. #5229 (App. 5-10-18)

Kodiak Can, 65 gal., lever latch, 40 lbs total weight, Model # KP65-HDLL – IGBC Certification No. 5396 (App. 4-27-17)

Kodiak Can, 95 gal., lever latch, 34 lb can, 8 lb lid), Model # KP95-HDLL – IGBC Certification No. 5397 (App. 4-11-18)

928-636-9298 [www.kodiak-products.com](http://www.kodiak-products.com)

## **San Dimas Technology and Development Center - 2-yd<sup>3</sup> Bear-Resistant Dumpster**

909-599-1267 <http://www.fs.fed.us/t-d/> username: t-d: password: t-d

See Recreation Management Tech Tip # 0323 1302 SDTDC.

**Shoshone National Forest - Steel Bear Box, welded or bolted with or without stand.**

## **Accessories**

### **BearBolts**

BearBolts, Version 2.0 – IGBC Certification No. 245496 (Approved 12/12/24)

337-257-8082 [www.bearbolts.com](http://www.bearbolts.com)



## **ELECTRIC FENCING TO DETER GRIZZLY BEARS**

The IGBC recommends several electric fence designs that have been proven effective in deterring grizzlies and are an option for securing bear attractants in areas frequented by grizzly bears. The first design is intended for longer term applications including securing livestock, fruit trees, compost piles, chicken coops and other attractants on private lands, as well as securing outfitter camps on both public and private lands.

The second design describes components of portable electric fences that can be used when recreating in bear country to secure attractants and campsites, or whenever a temporary means of securing bear attractants is needed. Please consult with the land management authority for the area you plan to recreate in for information about specific food storage requirements in that area.

### **A Note About Proper Use of Electric Fences:**

Common reasons for electric fence failures include failing to turn the fence on at night, improperly grounding the fence, inadequately clearing weeds, shrubs or trees shorting out fences, and failing to fully charge batteries. Protecting energizers from excessive jarring and moisture will also minimize chances of energizer malfunction (i.e. broken internal wiring or on/off switches) and the resulting electric fence failure. To ensure that fences are working properly, test the amount of voltage flowing through the fence using one of the economical and lightweight voltage testers that are now available.

Two Tech Tips bulletins from the US Forest Service's Missoula Technology and Development Center provide an excellent overview of electric fencing and proven recommendations for setting up an effective electric fences. Relevant Tech Tips bulletins are available online by visiting the links below, or by calling the Missoula Technical Development Center at 1-406-329-3900.

- *Northern Continental Divide Electric Fence System Pub# 9923-2321 MTDC*  
<http://www.fs.fed.us/t-d/> (username: t-d: password: t-d)
- *Portable Mesh Electric Fence System Pub# 0723-2305 MTDC*  
<http://www.fs.fed.us/t-d/> (username: t-d: password: t-d)

## Permanent or Semi-Permanent Fence Designs

The seven strand electric fence has applicability in situations such as permitted base outfitter camps, or around beehives, orchards or chicken coops on private land where the fence is typically in place for a longer period of time.

Table 1. Summary of Recommended Specifications for Permanent and Semi-Permanent Electric Fences.

Summary of Permanent and Semi-Permanent Electric Fence Specifications	
Minimum Required Voltage	5000 Volts
Minimum Number of Shocks per Minute	40
Minimum Ground Rod Length	18 to 24 inches in length (1.5 to 2 feet)
Minimum Distance Between Fence and Items Inside	36 inches (3 feet)
Voltmeter Required?	YES
Minimum Energizer Output	0.7 joules
Minimum Fence Height Required	48 inches (4 feet)
Minimum Post Length	48 inches (4 feet)
Minimum Fence Height	48 inches (4 feet)
Maximum Spacing between Posts	96 inches (8 feet)
Minimum Number of Strands of Wire	7
Maximum Distance between Wire Strands	10 inches (.83 feet)
Ground Wire Return System Required (alternating hot and ground wires)	
Fence Wires Must Be Either Smooth Metal Fence Wire (16 gauge minimum) or Polywire with at Least Six Strands of Stainless Steel Wire	

## Portable Electric Fence Designs

Portable electric fences are an effective method of temporary food storage in grizzly bear country. Table 2 summarizes the minimum specifications necessary to deter grizzlies. These specifications may be updated as additional testing of portable electric fences are tested in areas frequented by grizzlies.

Table 2. Summary of Recommended Specifications for Portable Electric Fences.

Summary of Recommended Portable Electric Fence Specifications	
Minimum Required Voltage	5000 Volts
Minimum Number of Shocks per Minute	35
Minimum Ground Rod Length	12 inches (1 foot)
Minimum Distance Between Fence and Items Inside	1.50 feet (18 inches)
Voltmeter Required?	YES
Minimum Energizer Output	0.11 joules
Minimum Fence Height Required	33 inches (2.75 feet)
Minimum Post Length	42 inches (3.5 feet)
Minimum Number of Horizontal Wires	7
Maximum Fence Length	720 inches (60 feet)
Minimum Number of LED Lights	2
Minimum Number of Stainless Steel Wire Strands Per Horizontal Wire	3
Maximum Size of Horizontal Opening in Mesh	12 inches (1 foot)
Minimum Pulse Duration	0.05 milliseconds
Post Construction	Polyethylene (allowed) or Fiberglass (recommended); with metal spike on bottom
At Least One Readable Placard Warning that Fence is Electrified	

## IGBC-CERTIFIED PORTABLE ELECTRIC FENCING PRODUCTS

Products listed in Table 3 below meet IGBC minimum requirements for portable electric fences. Fences must be built according to the specifications listed in Table 2 and must be working properly in order to meet food storage regulations in areas where portable electric fences are allowed.

This does not imply that the products listed below can be used to meet food storage regulations on all public lands. Please check with the appropriate land management authority for guidance regarding acceptable methods of meeting food storage orders in that area.

Table 3. IGBC-Certified Portable Electric Fencing Products

<b>UDAP Industries, Inc. - Bear Shock Fence</b> <i>Portable Bear Net Electric Fence built according to specifications in Pub# 0723-2305 MTDC</i> 406-494-9292 or 866 BEAR 911 <a href="http://www.PepperPower.com">http://www.PepperPower.com</a>
<b>Counter Assault – Pentagon Electric Bear Fence</b> <i>Portable Mesh Electric Fence built according to specifications in Pub# 0723-2305 MTDC</i> 406-257-4740 or 800-695-3394 <a href="http://www.counterassault.com">http://www.counterassault.com</a>
<b>Patriot - Bear &amp; Nuisance Animal Fence Kit</b> (Approved 5/10/16) <i>Portable Mesh Electric Fence built according to specifications in Pub# 0723-2305 MTDC</i> 800-874-8494 <a href="http://www.tru-test.com">www.tru-test.com</a>  <b>Note:</b> this kit does not contain an energizer to power the electric fence. In order to meet IGBC specifications, an energizer meeting the specifications set forth in Pub# 0723-2305 MTDC must be used with the kit. The kit recommends using either the Stafix/Speedrite AN90 or the Patriot PB12 model energizer, both of which meet IGBC specifications.