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PHYLLIS SHIMABUKURO-GEISER
Chairperson, Board of Agriculture

MORRIS M. ATTA
Deputy to the Chairperson

State of Hawaii
DEPARTMENT OF AGRICULTURE
1428 South King Street
Honolulu, Hawaii 96814-2512
Phone: (808) 973-9600 FAX: (808) 973-9613

May 14, 2021

TO: Advisory Committee on Land Vertebrate Animals

FROM: Andy Friend
Hanalei Garden Bison Company, LLC

THROUGH: Noni Putnam
Land Vertebrate Specialist
Plant Quarantine Branch
Hawaii Department of Agriculture

SUBJECT: Request to: (1) Allow the Transfer of Two Bison, *Bison bison*, an Animal on the List of Restricted Animals (Part B), by Permit, for Commercial Meat Production, by Hanalei Garden Bison Company, LLC; and (2) Update Permit Conditions for the Transfer of Two Bison, *Bison bison*, an Animal on the List of Restricted Animals (Part B), by Permit, for Commercial Meat Production, by Hanalei Garden Bison Company, LLC.

I. Summary Description of the Request

PQB NOTES: *The Plant Quarantine Branch (PQB) submittal for requests for import or possession permits, as revised, distinguishes information provided by the applicant from procedural information and advisory comment and evaluation presented by PQB. With the exception of PQB notes, hereafter "PQB NOTES," the text shown below in Section II from page 2 through page 6 of the submittal was taken directly from Hanalei Garden Bison Company, LLC's application and subsequent written communications provided by the applicant, Andy Friend. For instance, the statements on page 5 regarding effects on the environment are the applicant's statements in response to standard PQB questions, and are not PQB's statements. This approach for PQB submittals aims for greater applicant participation in presenting import requests in order to move these requests to the Board of Agriculture (Board) more quickly, while distinguishing applicant provided information from PQB information. The portion of the submittal prepared by PQB, including the Advisory Subcommittee Review and the Proposed Import Conditions is identified as Sections III and IV of the submittal, which starts at page 6 and 7, respectively.*

We have a request to review the following:

Advisory Committee
Bison, *Bison bison*
Hanalei Garden Bison Company
May 14, 2021

COMMODITY: Two (2) Bison, *Bison bison*. (Refer to Appendix A for Permit Application).

SHIPPER: Leonard Jose, 89-733 Aina Lani Place, Captain Cook, Hawaii 96704.

IMPORTER: Andy Friend, Hanalei Garden Bison, P.O. Box 1318, Kilauea, Hawaii 96754. Phone No.: (808) 346-1570.

PQB NOTES: *The PQB has previously issued Import Permits for Andy Friend and Stuart Wellington, Hanalei Garden Bison Co, LLC on August 14, 2015 and November 9, 2018, for the Import of Bison, Bison bison. (Refer to Attachments 1 and 2 for previously issued Import Permits).*

CATEGORY: The Bison, *Bison bison*, is on the List of Restricted Animals (Part B). Pursuant to Hawaii Administrative Rules (HAR) Chapter 4-71, *Bison bison*, may be imported into Hawaii for private and commercial use, including research, zoological parks, or aquaculture production.

II. Information Provided by the Applicant in Support of the Application

PROJECT: We have an existing herd of bison, we operate a small meat business. We sell our bison meat to a couple of restaurants and local health food stores. (Refer to Attachments 3 and 4 for the Hanalei Garden Bison Company, LLC brochure and the History of Hanalei Bison Facebook article). We plan to add these two bison cows into our herd to increase our herd size for breeding and calving. Also, our Hanalei bison have been DNA tested for bovine markers and they tested negative. Our bison are pure American plains bison.

OBJECTIVE: We were contacted by the current owner, Leonard Jose, of the bison, who says that he is relocating his animal farm and wants to sell these two bison. He offered us an attractive price so we agreed to purchase these bison subject to acquiring a permit to move them to Kauai. Bison have been on this Hanalei pasture for over 35 years, originally Bill and Marty Mowry owned them and my partner and I entered into an agreement with Bill several years ago to take over the management of the herd since Bill was getting old.

PROCEDURE: These two bison are approximately five years old, they should be able to breed till 12 to 14 years old.

DISCUSSION:

1. **Person Responsible:** Andy Friend, Hanalei Garden Bison LLC, P.O. Box 1318, Kilauea, Hawaii 96754. Phone No.: (808) 346-1570.
Email Address: asproperties@hawaii.rr.com.

Hanalei Garden Bison Company, LLC only has two members, Stuart and myself. Stuart and I have been managing this bison herd for over 7 years. Stuart is a local rancher and paniolo on Kauai. Stuart has many years in handling livestock and is a past president of the Kauai Cattleman's Association. I have many years in the cattle industry.

2. **Safeguard Facility and Practices:** Hanalei Garden Bison LLC, 4965 Hanalei Plantation Road, Hanalei, Hawaii 96714. Phone No.: (808) 346-1570.

We do not have a facility, we have approximately 170 acres of grass pasture in Hanalei valley that the herd is located. (Refer to Attachment 5 for an aerial map of Hanalei Bison Company, LLC). Our only infrastructure is a small corral. Our herd is certified grass fed by A Greener World of Oregon, they are a national certification institute. (Refer to Attachments 6, 7, and 8, respectively for certification labels, press release from A Greener World and information regarding Harvest Market Hanalei). This pasture is private land it is not state or federal and we do not use state, county, or federal money.

Our pasture perimeter is protected by fence or a significant hedge of hau bush that is 50 feet wide and 20 to 25 feet tall. The root system is so dense a human cannot get through it, it's better than a fence. There are only two gates for entrance to the pasture and those gates are locked 24/7. We do not have to worry about theft since it would be impossible for a person to try to capture one of the bison, they are not tame and you can't get very close to them without them moving away.

We do not have a safety manual, theft as I stated in the template, is simply not feasible. Our pasture is locked 24/7, interior access is only by ATVs and the bison will not let you get close. Escape is not applicable, our pasture is protected by fence or hau bush. The exception was in the flood of April 2018 when the Hanalei river rose by 10 feet and several of our bison were swept over the fencing. In that historic event we did lose some bison by drowning and 12 bison ended up in Hanalei. We captured all bison that were alive by horseback roundup and the use of a dart gun (all 12 were returned to the pasture).

We do not handle our bison much, our last roundup was about four years ago. Bison do not like to be confined, when we do a roundup it has to be for a very compelling reason, the more you leave them alone the better they do. We do not

give our bison any type of additives, the only treatment we do is for parasites and that is either by dart gun injection or drinking water treatment.

Our bison business consists of a small meat sales program (United States Department of Agriculture (USDA) inspected), I refer you to the Hanalei Garden Bison company, LLC brochure I provided, we market bison meat on a regular basis to a few restaurants and a few health food stores. (Refer to Attachment 3 for brochure). Bison meat is extremely healthy combined with a very flavorful taste due to bison meat in general and the type of grass in our pasture. We are certified Grass Fed and Humane Handling by a Greener World. (Refer to Attachment 6, 7, and 8 respectively for certification labels, press release from A Greener World and information regarding Harvest Market Hanalei).

3. **Method of Disposition:** Any bison that dies of natural causes is buried onsite as soon as we discover it. There is no fear of disease or contamination as there are no livestock in close proximity to our pasture and I do not know of a disease or contamination they could get or where it would come from.

4. **Abstract of Organism:**

- a. Bison (*Bison bison*) also known as buffalo.

Kingdom: Animalia
Phylum: Chordata
Class: Mammalia
Order: Artiodactyla
Family: Bovidae
Subfamily: Bovinae
Genus: *Bison*
Species: *Bison bison*

- b. Bison cows typically become fertile at about two years of age, bison bulls are able to breed at about two – three years old. An adult bison cow will have a calf once per year. Bison have a rut period from August thru November and cows will calve from April thru August. A cow bison at maturity will weigh 900 to 1100 pounds and an adult bull will weigh from 1500 to 1800 pounds. Bison can live to 15 to 20 years old.
- c. American bison or plains bison are indigenous to the US mainland, their habitat is quite diverse, their native range stretched from the California sierras to the Ohio river valley and from the Canadian border to south Texas. Bison are known for their roaming; they do not stay in one place; they are continually moving. Bison can live in extreme cold to the high heat of the southern US. Bison are not naturalized in Hawaii.

- d. Bison could be established in Hawaii if they are handled properly. Bison are not domesticated.
- e. Bison's native range is quite vast, I do not see them as a pest or invasive.
- f. Bison are grazers they eat grass.
- g. Bison are not domesticated, there is a large commercial industry. There are approximately 500,000 bison in the US. I refer you to the National Bison Association.
- h. Bison in their native range are known for being environmentally beneficial.
- i. Bison are susceptible to the same diseases and pests as cattle.

5. Effects on the Environment:

- a. Bison have a natural instinct to roam; left free they will not over graze a pasture as long as it is not over stocked. In our Hanalei pasture by continual grazing they keep out many invasive species. Bison do not cluster around water holes or water areas, they do not need as much water as cattle. In their natural habitat bison are a "keystone species". There is an approved Conservation Plan with the Natural Resources Conservation Service (NRCS) for our pasture.
- b. There is no probability of establishment and/or spread of associated diseases and/or pests.
- c. We have an existing herd and are looking to add 2 bison cows to our herd from the big island. We have more demand for our meat than we can supply so we are looking to increase our herd numbers. We also have way more grass than our current herd can eat.

- 6. Biosecurity:** Our pasture is protected from unauthorized access by locked gates 24/7 and there are only two ways to enter the pasture. Due to the terrain, most vehicles cannot maneuver in the pasture due to bumpy topography and many wet spots. The only people that can enter our pasture is the landowner, Stuart and myself.

We have no alarms or cameras. Our fencing is hog wire.

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7. References:

- a. Refer to our Facebook page - Hanalei Bison Ranch (<https://www.facebook.com/hanaleibisonranch/>).

III. Advisory Subcommittee Review

- 1. I recommend approval ___ / ___ disapproval to allow transfer of two Bison, *Bison bison*, an animal on the List of Restricted Animals (Part B), by permit, for commercial meat production, to Hanalei Garden Bison Company, LLC.**

Dr. Allen Allison, Vice President/Assistant Director, Research and Scholarly Studies, Bernice Pauahi Bishop Museum: Recommends approval.

Comments: "Given that the applicant is already managing a small heard of bison in Hawaii the request import two cows presents minimal environmental risk."

Dr. Sheila Conant, Professor/Chairperson (ret.), University of Hawaii at Manoa, Department of Zoology: Recommends approval.

Comments: "This application, if approved, would involve importation of a species that is already present on Kaua`i, and has been for some years. The proposed tests for parasites and disease should indicate whether or not these individual animals would be "safe" with respect to potential impact on domestic livestock."

Dr. Fern Duvall, Ecosystems Protection and Management, Hawaii Department of Land and Natural Resources-Division of Forestry and Wildlife: Recommends approval.

Comments: "Bison in this case seems to be like regular planning for enhancement and herd management of beef cattle – except that they are *Bison bison*. It seems unlikely that these animals pose, under this ranch's management, any hazards for the environment of Hawaii. I assume the veterinarians will have certified the animals for import to be free of all parasites, and diseases associated with the *Bison* and of import for cattle operations."

Dr. Isaac Maeda, DVM, HDOA-Animal Industry Division: Recommends approval.

Mr. Tom May: No response.

Dr. Carolyn McKinnie, DVM, Supervisory Veterinary Medical Officer, USDA, Animal and Plant Health Inspection Service-Animal Care: Response pending.

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2. I recommend approval ___ / ___ disapproval to establish the above-stated permit conditions for the transfer of two Bison, *Bison bison*, an animal on the List of Restricted Animals (Part B), by permit, for commercial meat production, to Hanalei Garden Bison Company, LLC.

Dr. Allen Allison: Recommends approval.

Dr. Sheila Conant: Recommends approval.

Comments: "The conditions proposed appear to be comprehensive, and requirements for reporting adequate."

Dr. Fern Duvall: Recommends approval.

Comments: "I agree that his request for increasing and enhancing meat production using these Bison is reasonable and well planned."

Dr. Isaac Maeda: Recommends approval.

Mr. Tom May: No response.

Dr. Carolyn McKinnie: Response pending.

IV. Proposed Possession Permit Conditions

1. The restricted article(s), two (2) Bison, *Bison bison* including their progeny, shall be used for commercial meat production, a purpose approved by the Hawaii Department of Agriculture (HDOA), Board of Agriculture (Board), and shall not be given, sold, and/or transferred in Hawaii unless approved by the Board. Release of the restricted article(s) into the environment is prohibited.
2. The permittee, Andy Friend, Hanalei Garden Bison Company, LLC, 4965 Hanalei Plantation Road, Hanalei, Hawaii 96714, shall be responsible and accountable for the transferred restricted article(s) including their progeny, from the time of their arrival to their final disposition.
3. The restricted article(s), including their progeny, shall be safeguarded at Hanalei Garden Bison Company, LLC, 4965 Hanalei Plantation Road, Hanalei, Hawaii 96714, a site inspected and approved by the Plant Quarantine Branch (PQB) prior to transfer. Removal of the restricted article(s), including their progeny, to another site shall require a site inspection and prior approval by the PQB Chief.

4. The restricted article(s), including their progeny, shall be maintained by the responsible person, Andy Friend, Hanalei Garden Bison Company, LLC, 4965 Hanalei Plantation Road, Hanalei, Hawaii 96714, or by trained or certified personnel designated by the permittee.
5. It is the responsibility of the permittee to comply with all applicable requirements of municipal, state, or federal law pertaining to the restricted article(s).
6. The restricted article(s) shall be in compliance with all intrastate animal health requirements of the HDOA, Animal Industry Division (AID).
7. The restricted article(s) shall be subject to inspection by the HDOA PQB and the AID prior to intrastate movement within the State.
8. The restricted article(s) shall comply with the following intrastate animal health requirements of the AID:
 - a. The restricted article(s) shall be issued a permit to ship (Form DC-8), by the HDOA State Veterinarian or authorized representative, prior to transport to the approved site.
 - b. Require a negative test for bovine tuberculosis, brucellosis, anaplasmosis, and leptospirosis within thirty (30) days prior to intrastate movement.
 - c. The restricted article(s) shall be treated for external parasites prior to intrastate movement. All treatments shall be approved by the AID.
9. The restricted article(s), including their progeny, shall be kept secured by PQB- approved exterior fences at all times. The following requirements apply to the entire length of the PQB-approved fencing and gates used to secure the restricted article(s):
 - a. The approved fence(s) and gate(s) shall be a minimum of 5.5 feet in height and shall be made of woven wire, chain link fence, 4-point barbed wire, or other PQB approved material. A combination of the aforementioned materials may be used.
 - b. All barbed wire used shall be a minimum of 12.5 gauge, and the space between horizontal wires shall not exceed 8 inches. If fencing consists of only barbed wire, the distance between line posts shall not exceed 10 feet.

- c. All woven wire used shall be a minimum of 9 gauge. If fencing consists of only woven wire, the space between all horizontal wires shall not exceed 10 inches, the space between vertical wires shall not exceed 12 inches, and the distance between line posts shall not exceed 16 feet.
 - d. The lowest horizontal barbed wire and/or woven wire shall not be greater than 6 inches off the ground. The lowest point on a vertical barbed wire, woven wire and/or chain link fence shall not be greater than 6 inches off the ground. Line posts shall be a minimum of 7-inch diameter wooden posts, metal T-posts, or other comparable PQB approved material.
- 10. The restricted article(s) and transfer crates shall be subject to inspection by the PQB prior to and after the intrastate movement during normal business hours as requested by the PQB Chief.
 - 11. The permittee shall provide the PQB and AID with the confirmed intrastate movement transfer date, time, mode of transportation, and any other required information for the transfer of the restricted article(s), including their progeny, at least 48 hours prior to transfer. The permittee shall notify the PQB and AID immediately of any changes to this information.
 - 12. Each shipment shall be accompanied by a copy of the PQB permit for the restricted article(s) and an invoice, packing list, or other similar PQB approved document listing the scientific and common names of the restricted article(s), the quantity of the restricted article(s), the shipper, and the permittee for the restricted article(s).
 - 13. The restricted article(s) including their progeny, shall be permanently marked with a unique identification code that is approved by the PQB Chief.
 - 14. It is the responsibility of the permittee to provide any restraint(s), including chemical restraint(s), deemed necessary by the AID to conduct a proper inspection. Any associated costs and/or arrangement is the responsibility of the permittee.
 - 15. At least four sides of each parcel containing the restricted article(s) shall be clearly labeled with "Live Animals" and "This Parcel May be Opened and Delayed for Agriculture Inspection", in 2-inch minimum sized font.

16. All bedding used to transport the restricted article(s) and fecal material from the restricted article(s) shall be bagged and disposed of directly into the municipal landfill.
17. The approved site, restricted article(s), and records pertaining to the restricted article(s) under permit may be subject to post-entry inspections by the PQB, upon arrival at the permittee's facility. The permittee shall make the site, restricted article(s) and records pertaining to the restricted article(s) available for inspection upon request by a PQB inspector.
18. The permittee shall adhere to the use, facility, equipment, procedures, and safeguards described in the permit application and as approved by the PQB Chief and Board.
19. The permittee shall have a biosecurity manual available for review and approval by the PQB, at the time of the initial site inspection and any subsequent post-entry inspection(s), which identifies the practices and procedures to be adhered to by the permittee to minimize or eliminate the risk of theft, escape, or accidental release of the restricted article(s) or any progeny, including the risk of introduction and spread of diseases and pests associated with the restricted article(s) to the environment. The permittee shall adhere to all practices and procedures as stated in this biosecurity manual.
20. The permittee shall immediately notify the PQB Chief verbally and in writing under the following circumstances:
 - a. If any escape, theft, release, disease outbreaks, and/or pest emergence (other than slaughter intended for commercial meat production) involving the restricted article(s) or any progeny under this permit occurs. If the restricted article(s) or any progeny escape or are found to be free from confinement, the HDOA may confiscate or capture the restricted article(s) at the expense of the permittee, pursuant to the Hawaii Revised Statutes (HRS), §150A-7(c). The AID shall also be notified of any sign or occurrence of disease.
 - b. If any changes to the approved site, facility and/or procedures regarding the restricted article(s) or any progeny, are made, then the permittee shall also submit a written report documenting the specific changes to the PQB Chief.
 - c. If a shipment of the restricted article(s) is delivered to the permittee without a PQB "Passed" stamp, tag or label affixed to the article, container or delivery order that indicates that the shipment has passed

inspection and is allowed transfer within the State, then the permittee shall not open or tamper with the shipment and shall secure as evidence all restricted article(s), shipping container(s), shipping document(s), and packing material(s) for PQB inspection.

- d. If the permittee will no longer import or possess the restricted article(s) or any progeny authorized under this permit, then the permittee shall also submit a written report to the PQB Chief stating the name and address of the individual to whom the restricted article(s) will be transferred to. If the restricted article(s) will be transferred within the State, a PQB possession permit shall be obtained by the new owner prior to transfer. Once the transfer is complete, this permit shall be canceled.
 - e. If the restricted article(s) or any progeny expires (other than slaughter intended for commercial meat production), then the permittee shall also submit a written report to the PQB Chief that details the circumstances surrounding the death of the restricted article(s), the cause of death of the restricted article(s), and any other information deemed necessary by the PQB Chief. The permittee shall also submit a necropsy report from a USDA accredited veterinarian within thirty (30) days post-mortem.
21. The permittee shall submit a copy of all valid licenses, permits, certificates or other similar documents required by other agencies for the restricted article(s) to the PQB Chief. The permittee shall immediately notify the PQB Chief in writing when any of the required documents are suspended, revoked, or terminated. This permit may be amended, suspended or canceled by the PQB Chief upon suspension, revocation, or termination of any license, permit, certificate or similar documents required for the restricted article(s).
22. The permittee shall submit a semi-annual report to the PQB Chief in January and July of all restricted articles(s) or any progeny possessed. The report shall be in a format approved by the PQB Chief and include the following information for the prior six-month period:
- a. The permit number, quantity, scientific name of each restricted article(s);
 - b. The status of the use and possession of the restricted article(s);
 - c. A summary of any significant changes to the permittee's operation, personnel, and/or procedures; and

- d. Any significant events that occurred at the permittee's site.
23. Any violation of the permit conditions may result in citation, permit cancelation, and enforcement of any or all penalties set forth in HRS §150A-14.
24. The permittee is responsible for costs, charges, or expenses incident to the inspection, treatment, or destruction of the restricted article(s), as provided in Act 173, Session Laws of Hawaii 2010, Section 13, including, if applicable, charges for overtime wages, fixed charges for personnel services, and meals.
25. A canceled permit is invalid and upon written notification from the PQB Chief, all restricted article(s) listed on the permit shall not be transferred. In the event of permit cancelation, any restricted article(s) transferred under permit may be moved, seized, treated, quarantined, destroyed, or sent out of State at the discretion of the PQB Chief. Any expense or loss in connection therewith shall be borne by the permittee.
26. The permit conditions are subject to cancelation or amendment at any time due to changes in statute or administrative rules restricting or disallowing import of the restricted article(s) or due to Board action disallowing a previously permitted use of the restricted article(s).
27. These permit conditions are subject to amendment by the PQB Chief in the following circumstances:
 - a. To require disease screening, quarantine measures, and/or to place restrictions on the intrastate movement of the restricted article(s), as appropriate, based on scientifically validated risks associated with the restricted article(s), as determined by the PQB Chief, to prevent the introduction or spread of disease(s) and/or pests associated with the restricted article(s).
 - b. To conform to more recent Board approved permit conditions for the restricted article(s), as necessary to address scientifically validated risks associated with the restricted article(s).
28. The permittee shall agree in advance to defend and indemnify the State of Hawaii, its officers, agents, and employees for any and all claims against the State of Hawaii, its officers, agents, or employees that may arise from or be attributable to any of the restricted article(s) that are introduced under this permit. This permit condition shall not apply to a permittee that

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is a federal or State of Hawaii entity or employee, provided that the state or federal employee is a permittee in the employee's official capacity.

ADVISORY COMMITTEE REVIEW: We request your recommendation and comments at the next meeting of the Advisory Committee on Plants and Animals.



State of Hawaii
 Department of Agriculture
 PLANT QUARANTINE BRANCH
 1849 Auiki Street, Honolulu, HI 96819-3100
 Phone: (808) 832-0566, FAX: (808) 832-0584

**PERMIT APPLICATION FOR
 RESTRICTED COMMODITIES
 INTO HAWAII**

For Office Use Only

Fee: \$ _____ Receipt No. _____

Approve Permit No. _____ Date: _____

Disapprove Other _____

Processed by: _____ Date: _____

Date: 1-27-21

In accordance with the provision of Chapter _____, Hawaii Administrative Rules of the Division of Plant Industry, Department of Agriculture, a permit is requested for the following commodities:

Please type or print clearly.

Quantity	Commodity	Scientific Name
2	bison	bison bison

RECEIVED
 FEB 01 2021
 PLANT QUARANTINE BRANCH

PAID

Amount: \$50 -	Chks: 359
Date: 2/1/21	Initial: TSY

Name and address of shipper: same as applicant

Source of bison: Leonard Jose / Hawaii Island
(Mainland or Foreign address)

Approximate date of arrival: within 30 days after permit issue

Please type or print clearly.
 Applicant's Name Amy Friend

Mode of Shipment: Mail Air Freight Boat

Company Name Hanalei Garden Bison Company
(if applicable)

Type of Permit:
 --- Import one time only multi-shipments
 --- Intrastate shipment one time only multi-shipments
 Possession

Hawaii Mailing Address PO Box 1318

Kilauea HI 96754

Telephone number 808-346-1570

Object of importation:
 Kept caged at all time
 Used for propagation
 Imported for exhibition
 Imported for liberation
 Other purposes - specify breeding / Join our existing herd

Facsimile number _____

Fee Amount Enclosed (cash, check or mail order) \$ 50⁰⁰

(complete reverse side)

PLEASE COMPLETE THE FOLLOWING INFORMATION (attach extra sheet if necessary)

1. State in detail the reasons for introduction (include use or purpose).

breeding

2. Person responsible for the organism (include name, address and phone number).

Andy Friend 808-346-1570
 Stuart Wellington 808-645-1189
 PO Box 1318
 Kilauea, HI 96754

3. Location(s) where the organism will be kept and used (include address, contact and phone number).

Hanalei valley - existing herd pasture Tmk 415-4-4
 Parcel 10 Unit B

4. Method of disposition.

if escape - roundup & dart gun to re-capture

5. Give an abstract of the organism with particular reference to potential impact on the environment of Hawaii (include impact to plants, animals and humans).

no relatives in Hawaii

Bison are sexual, live to about 20+ yrs - cows reach approx 1000 lbs at maturity

Bison eat grass - native range is U.S. Mainland
 Native range in grasslands & prairies on the U.S.

I request permission to import the articles as listed on the permit application and further, request that the articles be examined by an authorized agent of the Department of Agriculture upon arrival in Hawaii.

I agree that I, as the importer, will be responsible for all costs, charges or expenses incident to the inspection or treatment of the imported articles.

I further agree that damages or losses incident to the inspection or the fumigation, disinfection, quarantine, or destruction of the articles, by an authorized agent of the Department of Agriculture, shall not be the basis of a claim against the department or the inspectors for the damage or loss incurred.

Signature

Andy Friend
 (Applicant)

Date

1-28-21

Permit No.: 16-08-K-L5772Date: August 14, 2015

State of Hawaii
 DEPARTMENT OF AGRICULTURE
 Plant Quarantine Branch
 1849 Auiki Street
 Honolulu, Hawaii 96819

IMPORT PERMIT

(Valid for one shipment within one year)

Permission is hereby granted to introduce the following commodity(s), in accordance with Chapter 4-71. Hawaii Administrative Rules of the Division of Plant Industry, Department of Agriculture, and the conditions listed below. (Each commodity must be inspected by a Plant Quarantine Inspector upon arrival before release.)

Quantity	Unit	Commodity	Scientific Name
6		Bison	<i>Bison bison</i>
(NO SUBSTITUTIONS ALLOWED)			

INSTRUCTION To Shipper: One copy of permit to accompany shipment to Hawaii.

Object of Importation: Consumption

Name and Address of Shipper: Star B Ranch, Ken Childs, 28428 Highway 78 Ramona, CA 92065

Phone: _____

Name and Address of Importer: Hanalei Garden Bison Co,LLC./Andy Friend, Stuart Wellington, 4965 Hanalei

Plantation Road Hanalei, HI 96714 Phone: 808-346-1570

 CHIEF PLANT INSPECTOR

 CHAIRPERSON, BOARD OF AGRICULTURE

FOR OFFICIAL USE ONLY

STATION _____ ARRIVAL DATE _____ FLIGHT/SHIP _____

WAYBILL NO. _____ INSPECTION DATE/TIME _____ INSPECTOR _____

REMARK _____

Permit No.: 16-08-K-L5772

Date: August 14, 2015

PLANT QUARANTINE BRANCH
Permit Conditions

Condition

Hanalei Garden Bison Permit #16-08-K-L5772

Bovidae CVI Requirements. 2013

Permit #16-08-K-L5772

BISON IMPORTATION AND POSSESSION CONDITIONS

1. The restricted animal(s), Bison, *Bison bison*, until slaughtered for food shall not be sold, given, transferred, or release in Hawaii, unless authorized by the Plant Quarantine Branch (PQB).
2. The permittee, Hanalei Garden Bison Co, LLC c/o Andy Friend and Stuart Wellington, shall be responsible and accountable for all restricted animal(s) from the time of transfer to their final disposition.
3. The restricted animal(s) shall be safeguarded at Hanalei Garden Farms, Inc., 4965 Hanalei Plantation Road, Hanalei, HI 96714, which the site will be inspected and approved by the Plant Quarantine Branch (PQB) prior to importation.
4. Restricted animal(s) shall be confined in approved exterior fences with a minimum height of 5 ½ feet made from woven wire, chain link fencing, barbed wire or combinations of the above. Barbed wire shall be 4 points, a minimum of 12 ½ gauge, and spaced no more than 8 inches apart on posts. Line posts for barbed wire alone shall be spaced no more than 10 feet apart. Woven wire shall be a minimum of 9 gauge and no more than 10 inches between horizontal wires and 12 inches between vertical wires. Line posts for woven wire shall be spaced no more than 16 feet apart. The lowest barbed wire/woven wire shall be no greater than 6 inches off the ground. Line posts shall be a minimum of 7 inch diameter wooden posts, metal T-posts or comparable.
5. Restricted animal(s) shall be subject to inspection prior to entering the State, at the designated site(s) during reasonable working hours, and at anytime if premise is quarantined.
6. Restricted animal(s) shall comply with all pre- and post-entry health requirements of the State Department of Agriculture, Animal Industry Division, Livestock Disease Control Branch, Phone (808) 483-7100 under Subchapter 2, Cattle, Chapter 4-16, Hawaii Administrative Rules.
7. Prior to a change in ownership within the State, the restricted animal(s) shall be subject to testing for diseases as determined by the Animal Industry Division. The permittee shall be liable for all costs incurred in the handling and testing of the animal(s).
8. An annual report, due in January, shall be submitted to the Land Animal Specialist, Plant Quarantine Branch, 1849 Auiki Street, Honolulu, HI 96819. The report shall provide the following information:
 - a. Number of births and deaths.
 - b. Current inventory of animals.

Permit #16-08-K-L5772

9. The permittee(s) shall report immediately any theft, accidental release, or disease outbreaks involving the restricted animals to the Plant Quarantine Branch at (808) 832-0566.
10. The Plant Quarantine Branch shall be notified of the animal(s) arrival dates by calling the Plant Quarantine Branch at (808)832-0566 or its Airport Office at (808) 837-8413.
11. The permittee(s) shall be liable for all expenses associated with the recapture or destruction of escaped animals, including expenses incurred by the State as a result of the escape.
12. The permit is subject to cancellation, for violation of permit conditions, upon written notification from the Plant Quarantine Branch. A cancelled permit is invalid and all articles listed on the permit shall not be imported.
13. The permittee shall agree in advance to defend and indemnify the State of Hawaii, its officers, agents, and employees for any and all claims against the State of Hawaii, its officers, agents, or employees that may arise from or be attributable to any of the restricted article(s) that are introduced under this permit. This permit condition shall not apply to a permittee that is a federal or State of Hawaii entity or employee, provided that the state employee is a permittee in the employee's official capacity.

Approved by Board July 27, 1995

PQPERMIT-181

State of Hawaii
DEPARTMENT OF AGRICULTURE
Animal Industry Division
99-941 Halawa Valley Street
Aiea, HI 96701-5602
Phone: (808) 483-7100 Fax: (808) 483-7110

2013

Certificate of Veterinary Inspection for Bovidae Entering the State of Hawaii

It is the responsibility of the owner or authorized agent of the owner to present complete, legible, original Certificate of Veterinary Inspection (CVI) which meet the State of Hawaii's preshipment requirements at entry inspection.

Hawaii state import regulations require that:

1. The original CVI must accompany the shipment. Xerox copies and FAX copies are NOT accepted.
2. The CVI is issued within 7 days before shipment, and the issue date is recorded on the CVI.
3. Every animal must be individually identified by either a national uniform ear tag number, individual tattoo, individual brand number, or microchip with this identification recorded on the CVI.
4. All animals must have been found negative to tuberculosis by an intradermal tuberculin test conducted by an accredited veterinarian within 30 days of shipment, and the negative test result is recorded on the CVI.
5. All animals must have been tested by an accredited veterinarian and found negative to brucellosis by an official brucellosis test performed in a USDA approved laboratory within 30 days before shipment.
6. All animals have been tested by an accredited veterinarian and found negative to anaplasmosis by a complement-fixation test performed in a state or federal laboratory within 30 days before shipment.
7. The following statements are written on the CVI:
 - a) Free from external parasites and symptoms of transmissible diseases and have not had recent exposure to these diseases
 - b) Have originated in a herd that is not under quarantine for tuberculosis or brucellosis.
 - c) Have been dipped or completely sprayed with a one-half of one percent water solution of malathion or any other USDA-approved pesticide within 7 days of shipment.
8. Names, addresses, and phone numbers of the shipper (consignor) and receiver (consignee) are filled out. The complete animal identification including age, sex, and breed are recorded on the CVI.
9. The accredited veterinarian's signature, printed name, address, and phone # are recorded on the CVI.

State regulations can be found on the internet at www.aphis.usda.gov/vs/sregs/ or using a touch tone phone from the Voice Response Service 1 (800) 545-8732. If you have any questions, you are encouraged to call the State of Hawaii Division of Animal Industry (808) 483-7119 or (808) 483-7113 or FAX (808) 483-7110.

Animals not meeting pre-entry requirements may be refused entry into the state and be shipped back to their point of origin.

Permit No.: 19-11-K-L6521Date: November 09, 2018

State of Hawaii
DEPARTMENT OF AGRICULTURE
Plant Quarantine Branch
1849 Auiki Street
Honolulu, Hawaii 96819

IMPORT PERMIT

(Valid for one shipment within one year)

Permission is hereby granted to introduce the following commodity(s), in accordance with Chapter 4-71. Hawaii Administrative Rules of the Division of Plant Industry, Department of Agriculture, and the conditions listed below. (Each commodity must be inspected by a Plant Quarantine Inspector upon arrival before release.)

Quantity	Unit	Commodity	Scientific Name
4	each	Bison	<i>Bison bison</i>
(NO SUBSTITUTIONS ALLOWED)			

INSTRUCTION To Shipper: One copy of permit to accompany shipment to Hawaii.

Object of Importation: Kept caged at all times

Name and Address of Shipper: Hanalei Garden Bison Co,LLC./Andy Friend, Stuart Wellington, 4965 Hanalei

Plantation Road Hanalei, HI 96714

Phone: 808-346-1570

Name and Address of Importer: Hanalei Garden Bison Co,LLC./Andy Friend, Stuart Wellington, 4965 Hanalei

Plantation Road Hanalei, HI 96714

Phone: 808-346-1570

CHIEF PLANT INSPECTOR

CHAIRPERSON, BOARD OF AGRICULTURE

FOR OFFICIAL USE ONLY

STATION _____ ARRIVAL DATE _____ FLIGHT/SHIP _____

WAYBILL NO. _____ INSPECTION DATE/TIME _____ INSPECTOR _____

REMARK _____

Permit No.: 19-11-K-L6521

Date: November 09, 2018

PLANT QUARANTINE BRANCH
Permit Conditions

Condition

Hanalei Garden & Bison Co - Possession - Nov 2018

Permit #19-11-K-L6321

BISON IMPORTATION AND POSSESSION CONDITIONS

1. The restricted animal(s), Bison, *Bison bison*, until slaughtered for food shall not be sold, given, transferred, or release in Hawaii, unless authorized by the Plant Quarantine Branch (PQB).
2. The permittee, Hanalei Garden Bison Co, LLC c/o Andy Friend and Stuart Wellington, shall be responsible and accountable for all restricted animal(s) from the time of transfer to their final disposition.
3. The restricted animal(s) shall be safeguarded at Hanalei Garden Farms, Inc., 4965 Hanalei Plantation Road, Hanalei, HI 96714, which the site will be inspected and approved by the Plant Quarantine Branch (PQB) prior to importation.
4. Restricted animal(s) shall be confined in approved exterior fences with a minimum height of 5 ½ feet made from woven wire, chain link fencing, barbed wire or combinations of the above. Barbed wire shall be 4 points, a minimum of 12 ½ gauge, and spaced no more than 8 inches apart on posts. Line posts for barbed wire alone shall be spaced no more than 10 feet apart. Woven wire shall be a minimum of 9 gauge and no more than 10 inches between horizontal wires and 12 inches between vertical wires. Line posts for woven wire shall be spaced no more than 16 feet apart. The lowest barbed wire/woven wire shall be no greater than 6 inches off the ground. Line posts shall be a minimum of 7 inch diameter wooden posts, metal T-posts or comparable.
5. Restricted animal(s) shall be subject to inspection prior to entering the State, at the designated site(s) during reasonable working hours, and at anytime if premise is quarantined.
6. Restricted animal(s) shall comply with all pre- and post-entry health requirements of the State Department of Agriculture, Animal Industry Division, Livestock Disease Control Branch, Phone (808) 483-7100 under Subchapter 2, Cattle, Chapter 4-16, Hawaii Administrative Rules.
7. Prior to a change in ownership within the State, the restricted animal(s) shall be subject to testing for diseases as determined by the Animal Industry Division. The permittee shall be liable for all costs incurred in the handling and testing of the animal(s).
8. An annual report, due in January, shall be submitted to the Land Animal Specialist, Plant Quarantine Branch, 1849 Auiki Street, Honolulu, HI 96819. The report shall provide the following information:
 - a. Number of births and deaths.
 - b. Current inventory of animals.

Permit #19-11-K-L6521

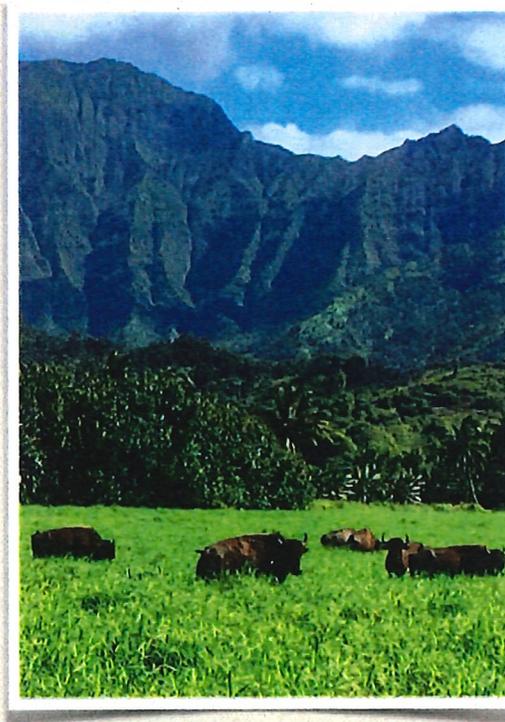
9. The permittee(s) shall report immediately any theft, accidental release, or disease outbreaks involving the restricted animals to the Plant Quarantine Branch at (808) 832-0566.

10. The Plant Quarantine Branch shall be notified of the animal(s) arrival dates by calling the Plant Quarantine Branch at (808)832-0566 or its Airport Office at (808) 837-8413.
11. The permittee(s) shall be liable for all expenses associated with the recapture or destruction of escaped animals, including expenses incurred by the State as a result of the escape.
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13. The permittee shall agree in advance to defend and indemnify the State of Hawaii, its officers, agents, and employees for any and all claims against the State of Hawaii, its officers, agents, or employees that may arise from or be attributable to any of the restricted article(s) that are introduced under this permit. This permit condition shall not apply to a permittee that is a federal or State of Hawaii entity or employee, provided that the state employee is a permittee in the employee's official capacity.

Approved by Board July 27, 1995

PQPERMIT-181

HANALEI BISON



100% Grass-Fed

For over 35 years, pure American Bison have grazed on the lush grass of Kauai's Hanalei Valley. These bison have never been treated with antibiotics, hormones, or with any chemicals. They are wild; raised naturally and have never been taken out of the pasture. Bison produce a nutrient-rich meat, and the meat from our Bison, grazing on Hanalei grass, has a mild sweet taste.

GROUND BISON MEAT IS...

- Low in fat
- Low in cholesterol
- High in conjugated linoleic acid
- High in protein
- High in iron
- High in B vitamins

WATER (grams), CALORIES (kcal), PROTEIN (grams), FATS (grams), CHOLESTEROL (mg)
 (Nutrient values and weights are based on 100 grams (3.5 oz) of raw ground meat or poultry)

COMPARISON OF GROUND MEATS									
ANIMAL	USDA REF No.	WATER	CALORIES	PROTEIN	TOTAL FAT	SATURATED FAT	MONO FAT	POLY FAT	CHOLESTEROL
BISON Grass-fed	17149	71.59	146	20.23	7.21	2.917	2.753	0.336	55
BEEF 90% Lean	23562	69.50	176	20.00	10.00	4.058	4.353	0.344	65
PORK 84% Lean	10972	64.67	218	17.99	16.00	5.362	7.280	2.235	68
TURKEY	05305	71.97	149	17.46	8.26	2.250	3.100	2.000	79
CHICKEN	05332	73.24	143	17.44	8.10	2.301	3.660	1.508	86

Sources: All data as per [USDA National Nutrient Database for Standard Reference](#)

Compiled: June 2010

Note: This information represents a partial nutrient profile, for additional data go to the USDA source linked above.

Bison are the largest indigenous animal native to North America. By the late 1870's bison were almost hunted to extinction with fewer than 700 animals in all of the continental US. To have a herd of pure American Plains bison on Kauai is exceptionally rare. We hope you enjoy this nutrient- rich, flavorful meat.

History Of Hanalei Bison



HANALEI BISON RANCH · MONDAY, NOVEMBER 12, 2018 ·

The history of the bison is well documented. Carbon dating and the fossil record show bison survived the ice age. At the end of the last ice age bison expanded rapidly from the Great Plains to the river valleys of the upper midwest. They were an important subsistence and sacred life source to indigenous groups of Americans.

The plains bison are native to North America, scientific name: *Bison bison bison*, once numbered in excess of 18,000,000 during the 18th century and into the early 19th century. The plains bison's native range stretched from Appalachia to the Pacific Northwest and from south Texas to the Canadian border. Bison, known for roaming great distances, have been successful in adapting to extreme weather conditions, and thriving in many different habitats.

By 1820, bison were no longer found east of the Mississippi river as the arrival of European settlers in the migration westward applied too much pressure and loss of habitat on bison to remain in their natural lands.

The next 65 years resulted in one of the greatest annihilations and decimations of an animal species in human history. As the westward migration of settlers spread and accelerated, from 1820 to 1885, the demand for bison hides, bones, meat, and sport hunting brought the massive bison herds of the Great Plains to near extinction. Finally, recognizing the tremendous pressure brought against the bison, a private national survey in the early 1880's was initiated to identify what remained of the vast bison herds. That survey found that approximately 600 bison were all that remained throughout the entire U. S. (over 18,000,000 reduced to 600 in a little over 65 years). These remaining bison were divided into several groups and placed in different parts of the country and between a private and government effort a conservation and preservation program was implemented to rescue the plains bison from the edge extinction. Today there are over 450,000 bison living on private and government lands.

Our Hanalei bison, having been DNA tested, are plains bison and descendents of the approximately 600 bison that survived the onslaught of the 19th century.

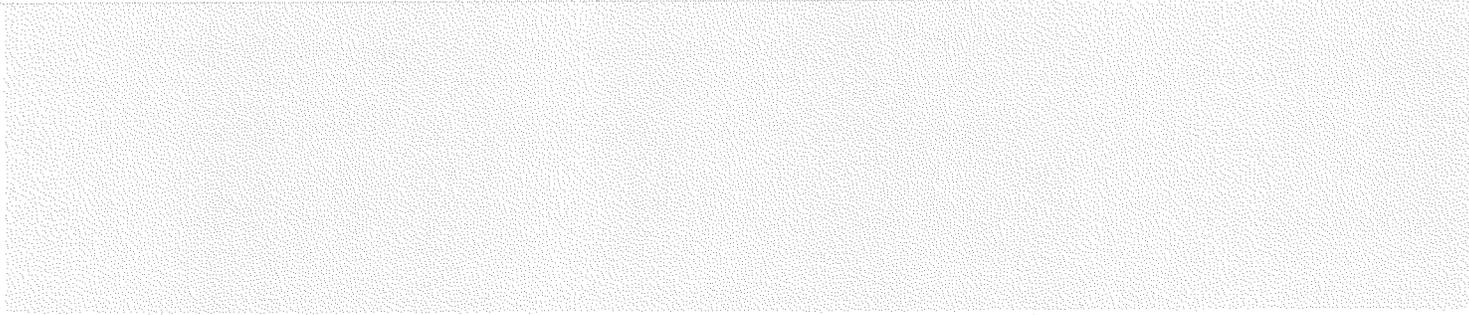
On April 15th, 2018 with historic amounts of rainfall on the north shore of Kauai the Hanalei river crested its banks and the river flooded our 180 acre bison pasture and rose over 8 feet. Miraculously, the main group of the bison herd survived in the pasture on a small isolated patch of ground that allowed them to keep their heads above water. Several bison in strong current, were swept over our fences and down the Hanalei river into the ocean and some perished, but remarkably several made it to the beach along Hanalei Bay, with help from the

community, and rescue efforts by our brave paniolos captured these wild bison to return them to their home pasture to join the main herd.

Plains bison survived the ice age

*Plains bison survived the attacks
of the 19th century*

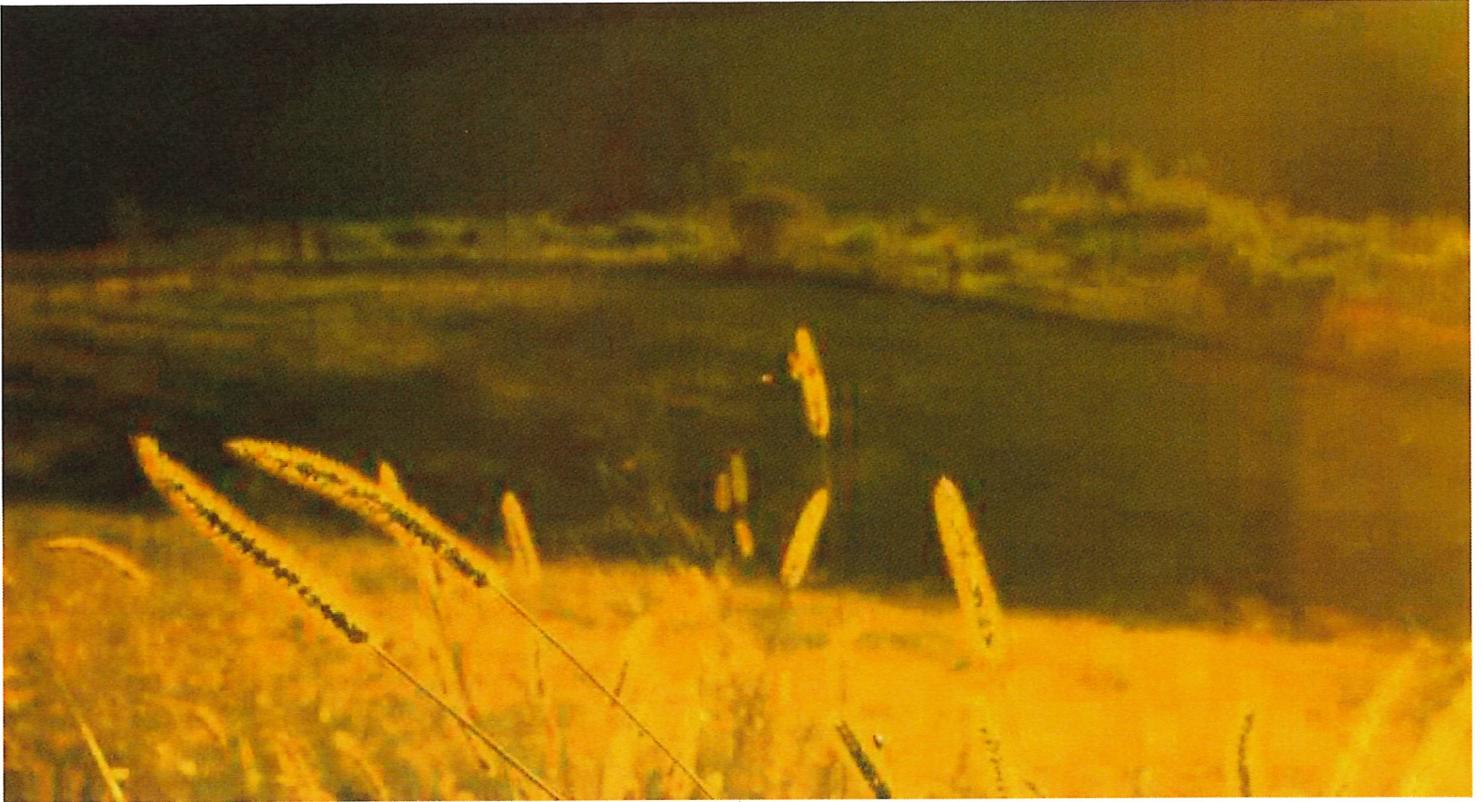
*Plains bison of Hanalei survived
the historic flood of April 2018*



Handei Garden Bison Company - pasture - bison access paddocks "B", "C", and "D"







Hanalei Garden Bison – Hanalei, HI

 A Greener World

Andrew Friend and Stuart Wellington raise Certified Animal Welfare Approved by A Greener World (AGW) bison at Hanalei Garden Bison Ranch in Hanalei, Hawaii.

By the late 1870's bison were almost hunted to extinction with fewer than 700 animals in all of the continental US. "Our Hanalei bison, having been DNA tested, are plains bison and descendants of the approximately 700 bison that survived the onslaught of the 19th century," says Andrew. Hanalei Garden Bison Ranch's pure American Plains bison raised on the island of Kauai are exceptionally rare. The bison have been raised in the Hanalei Valley of Kauai for over 35 years and have never been treated with antibiotics, hormones, or any chemicals and have never been taken out of the pasture.

The bison are managed outdoors, grazing the pastures where they are able to demonstrate their natural behaviors. In addition to being Certified Animal Welfare Approved by AGW, the bison herd at Hanalei Garden Bison Ranch is Certified Grassfed by AGW, the first—and only—food label in the U.S. and Canada that guarantees food products come from animals fed a 100% grass and forage diet and raised entirely outdoors on pasture or range.

Certified Animal Welfare Approved by AGW, Certified Grassfed by AGW Hanalei Garden Bison meat is available at Harvest Market Hanalei, Healthy Hut

Market & Cafe in Kilauea, or Hoku Foods Natural Market in Kapaa, as well as at Oasis By the Sea in Kapaa and Baracuda in Hanalei. For more information and to contact the farm visit the farm's [Facebook page](#).

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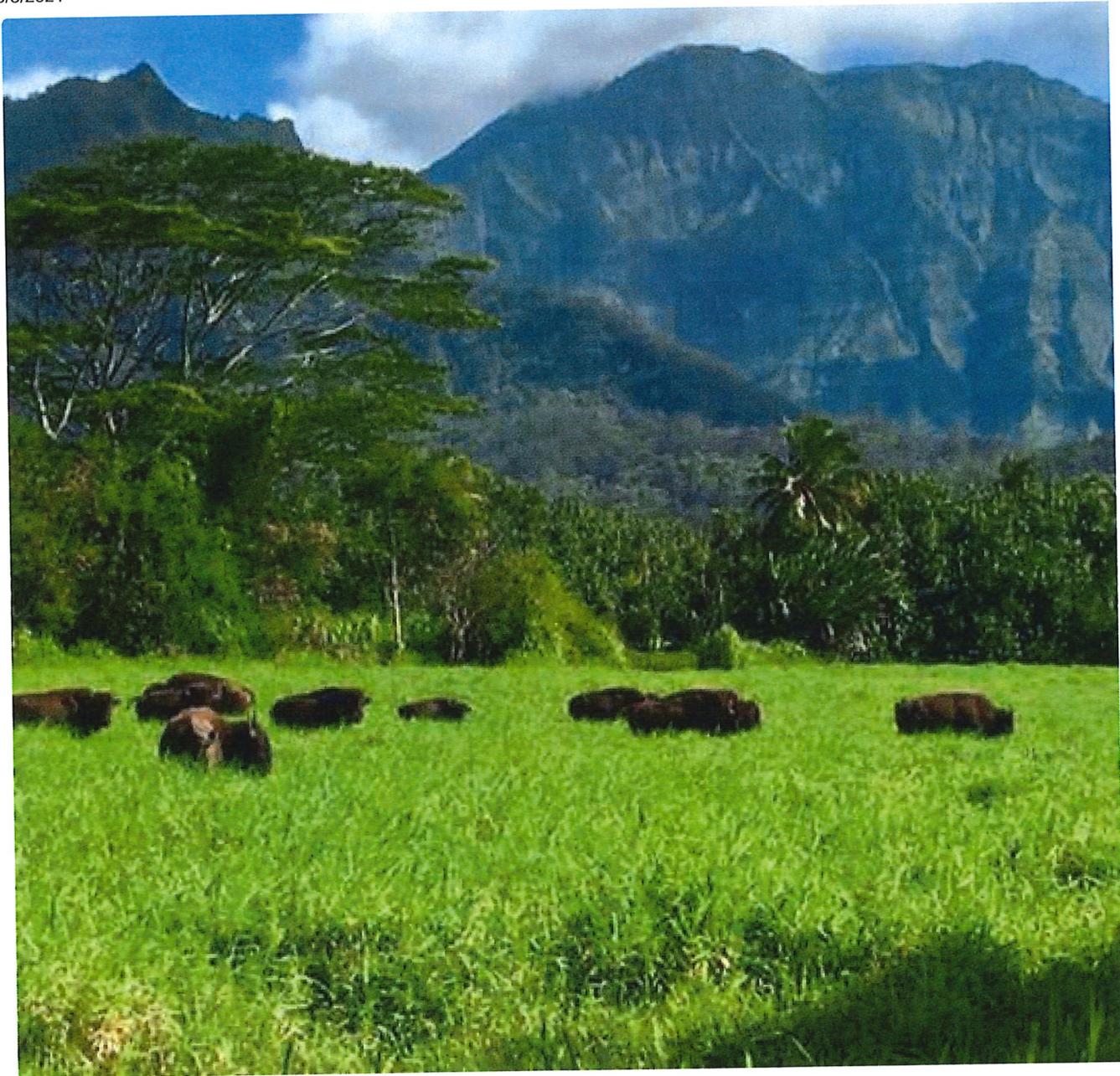
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Harvest Market Hanalei

3/8/2021

Harvest Market Hanalei | A Greener World



[Profile](#) [Photos](#) [Map](#)

Certified Animal Welfare Approved by AGW, Certified Grassfed by AGW bison from Hanalei Garden Bison is available here.

[Previous](#)

[Next](#)

Category: [Bison](#)

Address: 5-5161 Kuhio Highway
Hanalei
Hawaii
96714
United States

Outlet Type:

- Stores

Certified For:

- Animal Welfare
- Grassfed

Website

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Andrew Gunther

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