

Industrial Hemp: Looking into 2018

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March 7, 2018



Hemp Program: Overview

- **Regulations: Federal**

United States Farm Bill, Section 7606

- ...an institution of higher education or a State department of agriculture may grow or cultivate industrial hemp if—
 - the industrial hemp is grown or cultivated for purposes of research conducted under an agricultural pilot program or other agricultural or academic research; and
 - The growing or cultivating of industrial hemp is allowed under the laws of the State in which such institution of higher education or State department of agriculture is located and such research occurs.

Hemp Program: Overview

- **Regulations: State**

- Senate Bill 305:

- Codified: June 4, 2015.

- *"Authorizes industrial hemp farming in this State under certain circumstances."*

- *Senate Bill 396:*

- *Adopted June 1, 2017*

- Nevada Revised Statute (NRS) 557

- Nevada Administrative Code (NAC) 557

Hemp Program: Overview

- **Nevada Senate Bill 396:**
 - “Cliff notes” version:
 - Requires Department of Ag to enforce the following:
 - Registration of Growers
 - Registration of Handlers
 - Registration of Seed Producers
 - Establish testing standards for commodities intended for human consumption

Hemp Program: Overview

• NRS Chapter 557: Ind. Hemp

***Currently being amended to reflect new regulations pursuant to NV SB 396.*

NRS 557.010 Definitions. As used in this chapter, unless the context otherwise requires, the words and terms defined in [NRS 557.020](#) to [557.060](#), inclusive, have the meanings ascribed to them in those sections. (Added to NRS by [2015, 1973](#))

NRS 557.020 “Agricultural pilot program” defined. “Agricultural pilot program” means a program to study the growth, cultivation or marketing of industrial hemp. (Added to NRS by [2015, 1973](#))

NRS 557.030 “Department” defined. “Department” means the State Department of Agriculture. (Added to NRS by [2015, 1973](#))

NRS 557.040 “Industrial hemp” defined. “Industrial hemp” means the plant *Cannabis sativa L.* and any part of such plant, whether growing or not, with a THC concentration of not more than 0.3 percent on a dry weight basis. (Added to NRS by [2015, 1973](#))

NRS 557.050 “Institution of higher education” defined. “Institution of higher education” means:
1. A university, college or community college which is privately owned or which is part of the Nevada System of Higher Education; and
2. A postsecondary educational institution, as defined in [NRS 394.029](#), or any other institution of higher education. (Added to NRS by [2015, 1974](#))

NRS 557.060 “THC” defined. “THC” has the meaning ascribed to it in [NRS 453A.155](#). (Added to NRS by [2015, 1974](#))

NRS 557.070 Growing and cultivation of industrial hemp for certain purposes; certification and registration of site.
1. An institution of higher education or the Department may grow or cultivate industrial hemp if the industrial hemp is grown or cultivated for:
(a) Purposes of research conducted under an agricultural pilot program; or
(b) Other agricultural or academic research.
2. Each site used for growing or cultivating industrial hemp in this State must be certified by and registered with the Department before growing or cultivating industrial hemp. (Added to NRS by [2015, 1974](#))

NRS 557.080 Regulations. The State Board of Agriculture may adopt regulations to carry out the provisions of this chapter, including, without limitation, regulations necessary to:
1. Establish and carry out an agricultural pilot program;
2. Provide for the certification and registration of sites used for growing or cultivating industrial hemp; and
3. Restrict or prohibit the use or processing of industrial hemp for the creation, manufacture, sale or use of cannabidiol or any compound, salt, derivative, mixture or preparation of cannabidiol. (Added to NRS by [2015, 1974](#))

Hemp Program: Overview

- **NAC Chapter 557: Ind. Hemp**
 - Currently in developmental stages
 - Implementation of NV Senate Bill 396
 - Modifying pursuant to new requirements:
 - New categories of licensure:
 - » Grower, Handler, Seed Producer
 - Establish testing standards for commodities
 - Create opportunities for intrastate sale

Hemp Program: Overview

- **Activity in Congress**

- H.R. 3530 *Introduced to House 7/28/2017

- Industrial Hemp Farming Act of 2017

- “To amend the Controlled Substances Act to exclude industrial hemp from the definition of marihuana, and for other purposes.”

- Appears to be stagnant at this point in time

Hemp Program: Overview

- **Program Protocol: Step-By-Step**
 - Industrial Hemp Applications
 - Grower's Application
 - Handler's Application
 - Seed Producer's Application
 - Seed 101
 - Regulatory Inspections
 - Harvest Procedures
 - Post-Production Follow-Up
 - Reporting and crop sales



*Overhead pivot
irrigation
Tonopah, NV*

Hemp Program: Overview

• Grower's Application

- Grower Defined: *An individual/Company that is registered with the Department that intends to grow industrial hemp for general purposes, excluding seed production.*
 - Important Notes:
 - If you are not the landowner, a **notarized letter** authorizing use of the property for the growth of industrial hemp must be included with your application.
 - » Letter should contain the following features:
 - Name of property owner
 - Parcel number
 - Length of lease
 - Official stamp of public notary
 - There is no application deadline, you are able to file any time throughout the year.
 - Licenses are valid from the date of issuance through December 31 of the issued year.
 - Application approval is contingent on the submission of a research intention.

Application Fees:

**-\$500.00 and;
-\$5.00/Acre and/or;
-\$0.33/1,000 sq. ft.**

Hemp Program: Overview



Industrial Hemp Grower's Application Plant Industry Division

Applicant details

Registrant name: _____

Business name: _____

Contact person: _____

Phone number: _____ Email address: _____

Mailing address: _____ Website: _____

Application status: _____

New Renewal Modify

Sourcing seed

Please note the following seed requirements:

- Applicant is required to notify the Nevada Department of Agriculture (NDA) or all seed orders after all applications are approved.
- Applicant is required to file the seed order form for each individual variety (attached to this application).
- All seed orders are required to be shipped directly to the NDA headquarters for intake processing.
- Please submit the order form once an accurate seed total is calculated.

Associated fees

The applicant shall pay a non-refundable application fee of \$500.00 and:

- Outdoor operations must pay an additional fee of \$5.00/acre or portion thereof.
- Indoor operations must pay an additional fee \$0.33/1,000 square feet or portion thereof.

Application fee: _____ \$500.00 +

\$5.00 x outdoor acreage: _____ acres = \$ _____ +

\$0.33/1,000.00 x square footage: _____ sqft = \$ _____ = \$ _____ Total

Applicant is also responsible for (fees are based upon an approximation of actual costs):

- inspection costs at \$50.00/hour /inspector for drive time, inspections and sampling,
- mileage, which will be charged at the current IRS reimbursement rate,
- any analysis which that may be conducted by the NDA.



Industrial Hemp Grower's Application Plant Industry Division

Field details (outdoor only)

Please describe location, features and a map to detail the field area, including all varietal sites.

Parcel #: _____ Total acres: _____

Field coordinate information

A separate application must be filed for each field that is non-contiguous. (Non-contiguous is defined as an area that does not share a common border.)

Latitude #1: _____ Longitude #1: _____

Latitude #2: _____ Longitude #2: _____

Latitude #3: _____ Longitude #3: _____

Facility details (indoor only)

Please describe location, features and a map to detail the field area, including all varietal sites.

Parcel #: _____ Total sqft: _____

Facility information

A separate application must be filed for each field that is non-contiguous. (Non-contiguous is defined as an area that does not share a common border.)

Physical address: _____ Coordinates, if address is not available: _____

Latitude: _____

Longitude: _____

Varietal details

If applicant intends to use more than three varieties, please include an additional sheet documenting all varieties to be used.

Varietal name	Approximate desired seed amount
_____	lbs / grams / seeds
_____	lbs / grams / seeds
_____	lbs / grams / seeds

Hemp Program: Overview

Industrial Hemp Grower's Application Plant Industry Division



Ownership details

Is the applicant the legal landowners at the above site location? Yes No
If no, a notarized statement from landowner authorizing cultivation of industrial hemp on parcel is required for application approval.

Notarized authorization from landowner included? Yes No
 Has applicant been convicted of any felony related to the possession, production, sale or distribution of a controlled substance in any form within the five (5) years immediately preceding the date of this application?
 Yes No

Research intentions

Please note: the intended focus must be for academic and agricultural research and development (R&D).

Check any of the following relevant to your interests with industrial hemp R&D:

- Animal bedding
- Biofuel
- Hemp oil extraction
- Hempcrete
- Cultivars
- Dietary supplement
- DNA sequencing
- Compost
- Fiber
- Food/drink additive
- Cosmetic/beauty
- Insulation
- Phytoremediation
- Seed stock
- Undisclosed
- Other (please describe: _____)

Please provide a detailed explanation of research objectives (attach additional pages, if needed).

I hereby declare that all the above information is accurate and my intentions shall not stray from intended purposes. If research objectives prove to be unachievable I may alter objectives, with NDA approval, in a manner that is determined to be fit for the R&D program, otherwise my certification status will be terminated and the associated hemp crop will be destroyed.

Disclaimer: NO changes to this application may be made without NDA approval and a new application submitted.

Industrial Hemp Grower's Application Plant Industry Division



Policy/Procedure Acknowledgment

I, _____, declare under penalty of perjury that the provided information is true and correct and that I am the owner or person with legal control of and authority to bind, the herein named applicant, and that I have read and understand all the conditions and obligations stated herein. I accept all liability associated with the production of industrial hemp and will accept all responsibilities associated with that production. I understand and agree.

_____ that a registration cannot be transferred or assigned to another business, individual, or entity and that a registration is valid for 1 year from the date of issuance.

_____ that all industrial hemp plant material shall be planted, harvested, and processed within the allotted period after certification has been issued. The Department must be notified if material, propagative or not, is still present after the permit period has ended. Permits expire on December 31 of each year.

_____ that each noncontiguous land unit, with which industrial hemp shall be grown, will be associated with a separate application. Any additional acreage or square footage will be associated with a separate application.

_____ that no registered land area may contain *Cannabis spp.* plants or parts thereof that the registrant knows or, has a reason to know, are of a variety that will produce a THC content greater than 0.3% on a dry weight basis, unless otherwise approved of by the Department of Agriculture. No registrant shall use any such variety that is known to produce THC concentration levels above 0.3% on a dry weight basis.

_____ to allow any and all inspections/sampling that NDA deems necessary in order to preserve the integrity of the research/development project. Plant parts collected for THC concentration analysis will be the segments containing the highest THC concentrations. Sample test results that are greater than 1.0% THC on a dry weight basis may be submitted to the appropriate authorities for review.

_____ to pay for all costs for the oversight of this program. Payment must be submitted within 30 days after invoicing.

_____ that THC concentrations for industrial hemp are declared to be under or equal to 0.3% on a dry weight basis.

_____ that any information provided to NDA can be utilized for public disclosure and be provided to law enforcement agencies without further notice to the registrant.

_____ that NDA only authorizes the use of certified hemp seed for R&D production purposes, unless otherwise approved.

_____ that it is illegal under federal law to possess viable hemp seed in Nevada unless it is for use in an authorized research trial.


_____ any operations proposed to use land that is not owned by the applicant must be accompanied by a signed, notarized affidavit from the legal owner of the land consenting to approval.

_____ alterations of any kind to this application, excluding sections 1 and 2, will require a \$500.00 amendment fee. Application details must stay consistent with all production features always.

Signature

Date

Hemp Program: Overview



Industrial Hemp Grower's Application
Plant Industry Division

Industrial hemp materials order form
Please use this form to indicate the source of industrial hemp material (seed, clones, etc.) Please note: a separate form is required for each individual variety requested.

Name of requestor: _____ Phone number: _____
Date of request: _____ Approx. planting date: _____
Previously certified industrial hemp producer in Nevada? Yes No
If yes, please provided certification number: _____

Desired Material characteristics
If desired material is not certified, has not been cultivated in Nevada, and has not otherwise been proven eligible as industrial hemp, a limit of five acres or five pounds of seed is imposed.

Specific variety requested: _____ Certified? Yes No
Name of varietal dealer: _____

Varietal dealer contact information

Country: _____
Street address: _____
City: _____ State: _____
Phone number: _____
Email address: _____

If the variety does not have a name, please provide a description of its characteristics:

Material quantities

Total area (acres/square feet) to be in production: _____
Material (seed/clones/etc.) quantity desired: _____
*Price of material, if known: _____

* An NDA handling fee of \$1.00/lb will be applied after seed has been received. The NDA will submit an invoice to seed requester. All imported seed orders must be shipped directly to the NDA for processing:
Attn: Industrial Hemp Program
405 S. 21st. Street
Sparks, NV 89431

Materials Order Form Breakdown:

- A material's order form may be filed separately from the primary application
- All import of seed/propagative material must be sent directly to the Department of Agriculture HQ:

**405 S. 21st Street
Sparks, NV 89431**

- Material will be processed at HQ and a pick-up/shipment will be scheduled with a licensed grower
- A handling fee of \$1.00/pound of material will be imposed on any import
- All domestic-based seed imports will be handled at the risk of the importer

Hemp Program: Overview

- **Seed Producer's Application**

- Producer Defined: An individual/company that is registered with the Department that intends on producing viable industrial hemp seed for distribution/sale.

- **Important Notes:**

- To qualify as a seed producer, you must be an active, licensed grower

- Seed producers are required to maintain chain of custody documentation:

- » Records shall include the following information:


- Buyer, Seller, Quantities, Varieties, Date of transfer, and certification IDs if parties involved.

Application Fees:

-\$100.00 and;
-\$5.00/Acre and/or;
-\$0.33/1,000 sq. ft.

Hemp Program: Overview

Industrial Hemp Seed Producer Application
Plant Industry Division



This application is to request a permit from the Nevada Department of Agriculture (NDA) to produce industrial hemp (Cannabis sativa L.) seed in the state of Nevada. To qualify, the applicant must also have an approved "Grower Application."

Producer information

Applicant name: _____
Contact person: _____
Phone number: _____ Email address: _____
Mailing address: _____ Application status: _____
 New Renewal Modify

Production details

Total area dedicated to seed production: _____
Grower field #: _____ *Please include a map of the field with application.*
Latitude: _____ Longitude: _____

Varietal details
Please include a document describing varietal characteristics with application.

Number of varieties intended for production: _____ **Certified seed?
Varietal names: _____ Yes No
***Certified seed is defined in NRS 587.021.*

Associated fees
The applicant shall pay a non-refundable application fee of \$100.00 and:

- Outdoor operations must pay an additional fee of \$5.00/acre or portion thereof.
- Indoor operations must pay an additional fee \$0.33/1,000 square feet or portion thereof.

Application fee: _____ \$100.00 +
\$5.00 x outdoor acreage: _____ acres = \$ _____ +
\$5.00 x outdoor square footage: _____ sqft = \$ _____ = \$ _____ **Total**

Applicant is also responsible for (fees are based upon an approximation of actual costs):

- inspection costs at \$50.00/hour /inspector for drive time, inspections and sampling,
- mileage, which will be charged at the current IRS reimbursement rate,
- any analysis which that may be conducted by the NDA.

I agree to abide by all laws and regulations governing the production of seed in the state of Nevada and assume responsibility for maintaining the genetic identity and purity at all stages of production including seeding, harvesting, transporting, processing and labeling. I acknowledge that my production information may be displayed on the NDA website. Production permits expire on December 31 of each year.

Signature _____ Date _____

Seed Producer Breakdown:

- Qualifies the licensee to sell/distribute **seed** within the state of Nevada
- May be subject to multiple inspections ensuring maintenance of varietal purity
- After harvest, a certificate of compliance will be issued to validate distribution
- Does not qualify the licensee to distribute "cloned" material

*-Registration as a **nursery** is required to distribute/sell live, vegetative matter.*

***Nursery application can be found online at: agri.nv.gov*

Hemp Program: Overview

• Handler's Application

- Handler Defined: A facility that is registered with the Department with the intent to process industrial hemp into commodities.
- Handling facility examples:
 - Seed Conditioning Plant
 - Textile Manufacturing Facility
 - Processing/Extraction Facility
 - Food/Beverage Manufacturing
 - Rebranding facilities
 - Etc.

****Products developed with the intent for human consumption are subject to testing standards established in NAC 557.***

Application Fee:
-\$1,000.00

*****The Department of Agriculture does not have authority to regulate retail operations***

Hemp Program: Overview

Currently, the Nevada Department of Agriculture (NDA) does not approve license applications for manufacturers, distributors, or guarantors who distribute, sell or offer for sale commercial feed products that contain industrial hemp. Industrial hemp is not an approved ingredient recognized by the Association of American Feed Control Officials (AAFCO).

Hemp Program: Overview

- **Jurisdictional Approval Defined:**
 - A business model needs to be developed and filed with the respective County
 - The following governmental entities need to be informed of a potential handling facility
 - Health District
 - Building Department
 - Approval must be granted by appropriate jurisdictional authorities to obtain eligibility as a handler.

Hemp Program: Overview

Industrial Hemp Handler Application Plant Industry Division



Policy/procedure acknowledgement

I, _____, declare under penalty of perjury that the provided information is true and correct and that I am the owner or person with legal control of and authority to bind, the herein named applicant, and that I have read and understand all the conditions and obligations stated herein. I accept all liability associated with the handling of industrial hemp and will accept all responsibilities associated with that handling. I understand and agree:

_____ that a registration cannot be transferred or assigned to another business, individual, or entity and that a registration is valid from date of issuance until December 31 of the issued year.

_____ that all industrial hemp plant material shall be handled and processed within the allotted period of 1 year after certification has been issued. The Department must be notified if material, is still present after the 1-year period has ended. I will submit a renewal application prior to the expiration of an active registration if I intend on continually handling industrial hemp.

_____ that each facility, with which industrial hemp shall be handled, will be associated with a separate application.

_____ that no registered handler may handle *Cannabis ssp.* plants or parts thereof that the registrant knows or, has a reason to know, are of a variety that will produce a THC content greater than 0.3% on a dry weight basis, unless otherwise approved to do so by the Nevada Department of Taxation Marijuana Program.

_____ to pay for all costs for the oversight of this program. Payment must be submitted within 30 days after invoicing.

_____ that THC concentrations for industrial hemp are declared to be under or equal to 0.3% on a dry weight basis.

_____ that any information provided to NDA can be utilized for public disclosure and be provided to law enforcement agencies without further notice to the registrant.

_____ that NDA explicitly authorizes the use of registered industrial hemp for handling purposes, unless otherwise approved.

_____ that it is illegal under federal law to possess viable hemp seed in Nevada unless it is for use in an authorized research trial.

_____ that any operations proposed to use land that is not owned by the applicant must be accompanied by a signed, notarized affidavit from the legal owner of the land consenting to approval.

_____ that alterations of any kind to this application, excluding sections 1 and 2, will require a \$250.00 amendment fee. Application details must stay consistent with all production features always.

_____ that in the event of a theft or loss of usable industrial hemp plant material, compounds derived from or commodities or products produced from industrial hemp local law enforcement and the Nevada Department of Agriculture must be notified.

Industrial Hemp Handler Application Plant Industry Division



Fee and payment information

Industrial hemp handler application fee: **\$1,000.00 per facility**

In addition to the application fees:

- The applicant is responsible for inspection costs at \$50.00 per hour, per inspector for drive time, inspections and sampling.
- Mileage will be charged at the current IRS reimbursement rate.
- The NDA may charge a fee for any analysis conducted.
- Fees are based upon an approximation of the actual cost of performing tests.

Mail checks or money orders to:
Nevada Department of Agriculture
Attn: Industrial Hemp Program
405 South 21st Street
Sparks, Nevada 89431

Credit card charges:
Pay via phone at: 775-353-3601
Indicate payment is for handling application

Make checks payable to Nevada Department of Agriculture.

Application instructions

- Please file a separate application per facility location. It is possible to file multiple applications under one comprehensive payment for all locations, if the applicant intends to manage multiple handling facilities.
- When submitting this application, please ensure all information provided is accurate and current. Modification of a submitted application will require a \$250.00 amendment fee.
- It is the responsibility of each approved handling facility to follow safety guidelines involved with each manufactured product. Please refer to Nevada Administrative Code chapter 557 for testing requirements.
- All regulations related to the manufacturing of products apply to handling facilities, especially those manufacturing products intended for human consumption.
- Registration as a handler expires on December 31 of each year and may be renewed upon submission of an applications for renewal.

In signing this document, the applicant agrees to abide by all laws governing industrial hemp within the state of Nevada. Handling industrial hemp material should be done so in a manner that is consistent with Nevada Revised Statute, Chapter 557, Nevada Administrative Code, Chapter 557, and the 2014 Federal Farm Bill, Section 7606.

Signature

Date

Hemp Program: Overview

- **Handling Facility Requirements:**
 - **Chain of custody** must be established and maintained at each licensed handling facility
 - Chain of Custody records shall include:
 - Buyer, Seller, Quantities, Varieties, Date of Transfers, Type of Product Sold, and Certification ID
 - Licenses are valid from the date of issuance through December 31 of the issued year.

Hemp Program: Overview

• Sample Sizes Required for Testing:

- Industrial hemp, extracts of industrial hemp, a commodity or a product manufactured from industrial hemp and sold by a grower or a handler and **intended for human consumption** must be tested.
 - For **usable hemp** sold at retail, the testing must be conducted on:
 - **A batch of 50 kilos or less.**
 - For **extracts of hemp**, the testing must be conducted on:
 - **A batch of 10 kilos or less.**
 - For products sold at retail and intended for direct human consumption, including but not limited to, edible or topical products, the testing must be conducted on:
 - **2 units from a single production run.**
- Laboratory Sample Sizes:
 - A sample size for **usable hemp** shall be:
 - **10 grams or more.**
 - A sample size for a **production run** must be:
 - **1% of the product weight, not to exceed 25 units or 300 grams.**
 - All samples must be homogenized prior to testing.

The testing must be conducted prior to offering industrial hemp, an extract of industrial hemp or the commodity or product for retail sale



*Seed production
Winnemucca, NV*

Hemp Program: Overview

- **Seed 101: Definitions**

- **Certified** Seed Defined: The progeny of breeder, foundation or registered seed, which has been handled to maintain satisfactory genetic purity and identity and has been approved by the Department.
- **Eligible** Seed Defined: Seed that has been vetted within the State of Nevada in previous seasons and has been shown to meet the definition of industrial hemp ($<0.3\%$ Δ -9 THC).
- **Rogue** Seed Defined: Undocumented seed that has not been grown within Nevada and does not have official reports indicating the varietal characteristics (ie. cannabinoid profile, growth habits, physiology).

Hemp Program: Overview

- **Seed 101: Production Limits**
 - Certified seed: Can be grown at any acreage
 - Eligible seed: Can be grown at any acreage
 - Rogue seed: Maximum of 5.00 acres or 5.00 lbs. for the first year of production.
 - After first year, acreage can be increased to whatever is desired
 - All new varieties will be subject to NDA in-house grow-outs.
 - 2-5 seeds will be taken to be grown out by NDA personnel.

The use of any industrial hemp variety is at the risk of the producer and may be subject to destruction if THC concentrations exceed 0.3%.

Hemp Program: Overview

- **Seed 101: Importation**

- International Imports: Can be handled legally via the DEA.
 - NDA may obtain DEA-issued import permit under certain conditions.
 - NDA will need the following information to apply for permit:
 - » Supplier location
 - » Quantity
 - » Port of export
 - » Port of import
 - » Approx. date of export
 - Process typically takes 4-6 weeks
- Domestic Imports: No federal protocol exists to allow for the interstate transport of seed.
 - Shipments of domestic seed are at the risk of the producer.
 - All imports from other states must be sent directly to the Department for processing.
- Intrastate movement: The buying/selling of seed or clones can occur within the state.
 - The buyer/seller must be a registered grower/producer/handler of industrial hemp.

Hemp Program: Overview

- **CLONES: Is it Possible?**

- Transport of cloned material falls under the purview of nursery stock and is subject to phytosanitary certification/ inspection.
- Nursery staff will need to inspect shipment for pest/disease at the time of arrival
 - ***This is contingent on the exporting state issuing a state phytosanitary document.
- Movement of cloned material is at the risk of the importer.




*Drip Irrigation
Genoa, NV*

Hemp Program: Overview

- **Production and Regulatory Involvement**
 - After a license is issued, the producer is subject to the following inspections:
 - 1st: Site Verification inspection - 15 days after planting)
 - An inspection to verify that planting occurred on the site indicated on the application
 - 2nd: Potency Inspection – 15 days prior to harvest
 - An inspection to obtain a representative sample of the crop that will be tested for THC content
 - Will occur after the submission of a “harvest report”

Hemp Program: Overview

Industrial Hemp Harvest Report

 Nevada Department of Agriculture
Industrial Hemp, Research & Development Program
405 South 21st Street, Reno, NV 89431
Program Manager: Russell Wilhelm
Telephone: (775) 353-5711
Fax: (775) 353-3661
Email: r.wilhelm@agri.nv.gov

Attach a map of the field to the back of this form, designating varietal separation, for inspector use.

Please complete the form in its entirety. Any forms submitted that are incomplete and illegible will be returned. The report must be submitted at least 15 days prior to harvest. This report is used to initiate a final inspection for any industrial hemp crops approved by the Nevada Department of Agriculture.

No plants shall be destroyed, or moved, without prior Department approval. Once lab analysis has resulted in THC concentrations below the approved threshold (0.3% Total THC on a dry weight basis), harvested material can be moved at the producer's own risk.

Producer Information:

Certification Number: _____ Registered Name: _____
Contact Name: _____ Registration Business Address: _____
Business Phone: _____ Email Address: _____

Cultivation Information:

Production County: _____ Production Size: _____ Acres /Sq. Ft. _____ Date Planting Occurred: _____
of Varieties Planted: _____ Varietal Names: _____
Location plantings occurred - GPS required (Decimal Degrees Format):
Latitude: _____ Longitude: _____ Indoor Outdoor

Disclaimer:

I attest, to the best of my knowledge, that the following statements are complete and true:

Initials All crop(s) reported in this Industrial Hemp Harvest Report are of the variety and/or cultivar that have been reported as planted, and were planted, within the location of the acreage or sq. ft. as stated within the submitted program application.

Initials I intend to use the harvested crop material in a legal manner and will provide details regarding harvested use within a final report.

Signature _____ Date _____

Harvest Report Breakdown:

- Must be filed 15 days prior to harvest
- If you will not harvest the full crop, include a map detailing the harvest area and include varietal names that will be harvested
- Multiple inspections can be scheduled to accommodate harvest spacing
- After sample is obtained, the producer has a 15 day window to complete harvest, unless otherwise determined
- A new form must be filed pursuant to each harvest that is occurring past the 15 day window


Hemp Program: Overview

- **Sample Collection Methodology**
 - Inspector will obtain a representative sample of the crop
 - Top 6" of female flower will be collected
 - A total of **10** randomly selected plants will be selected for sampling
 - Sample will be bagged, sealed, and cooled for transport back to lab

Hemp Program: Overview

- **Laboratory Protocol:**
 - HPLC to analyze for Δ -9 THC
 - Dry weight considered to be approximately 15% moisture content
 - Analysis duration:
 - Results can take upwards of 7-10 days to generate
 - Report of analysis will be issued to grower/producer

Hemp Program: Overview

 Nevada Department of Agriculture
Nevada Department of Agriculture

Nevada Department of Agriculture
405 S. 21st St.
Sparks, NV 89431

Industrial Hemp Report of Analysis

If any results listed below illustrate Δ^9 -THC Concentrations above 0.3%, it is the responsibility of the producer of that material to destroy the crop. If these results are to be contested, the Nevada Department of Agriculture must be informed within 24 hours after the receipt of this report. Contesting this report will initiate an additional inspection at the cost of the requester and a more comprehensive inspection will occur to determine consistency of THC concentrations of the associated industrial hemp crop.

As per the requirements of Nevada Revised Statute (NRS) 557.040, industrial hemp crops must be tested to determine percent concentration of delta-9 tetrahydrocannabinol (THC) on a dry weight basis. Industrial hemp is defined as the plant *Cannabis sativa* L. and any part of such plant, whether growing or not, with a THC concentration of not more than 0.3 percent on a dry weight basis.

Test No: _____
Date Received: _____
Date Reported: _____

Producer's Information:
Name: _____ Phone Number: _____
Address: _____ Email: _____

Kind of Plant: Industrial Hemp (*Cannabis sativa* L.) Variety: _____
Part of Plant: _____ Field Number: _____
Sampled Mass: _____

Test Required:
 Δ^9 -THC: _____ CBD: _____ Other: _____

Information in the above box is to be provided by the inspector

Tetrahydrocannabinol (THC) Analysis: [THC-A]: _____ % $[\Delta^9$ THC]: _____	Cannabidiol (CBD) Analysis: [CBD-A]: _____ % [CBD]: _____
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Other Tests Administered: _____
Remarks: _____
_____ (utilizing High Performance Liquid Chromatography (HPLC)).

DRAFT

Determinations:
Analysis results indicate that crop qualifies for criterion to legally meet the description of industrial hemp; exhibiting less than 0.3% Δ^9 THC on a dry weight basis.

Signed: _____
Russell Wilhelm

Phone: 775.353.3711 Fax: 775.353.3638 Email: rwilhelm@agri.nv.gov



Report of Analysis Breakdown:

- Issued by Department of Agriculture to officially illustrate crop compliance
- Issued pursuant to each variety and harvest lot
- CBD analysis can occur, if desired
- Cost of lab analysis per sample:
 - \$40.00
- Samples that exceed 0.3% THC:
 - A reinspection can occur, if producer desires:
 - Contingent on harvest not occurring
 - NDA will split field into sub-lots and collect multiple samples to identify “hot spots”

Hemp Program Overview


BRIAN SANDOVAL
Governor

STATE OF NEVADA

JAMES R. BARBEE
Director

Las Vegas Office:
2300 E. St. Louis Ave.
Las Vegas NV 89104-4211
(702) 668-4090
Fax (702) 668-4567

Elko Office:
4780 E. Iriahu Street
Elko NV 89801-4672
(775) 738-8076
Fax (775) 738-2639



DEPARTMENT OF AGRICULTURE
405 South 21st Street
Sparks, Nevada 89431-5557
Telephone (775) 353-3601 Fax (775) 353-3681
Website: <http://www.sard.nv.gov>

CERTIFICATE OF COMPLIANCE

Date Issued:

Producer Name:
Mailing Address:

Program Certification ID:
Relevant Sample ID:
Inspection Date:

Production County:

This certificate will serve to advise that Call Neva Farms, LLC located at PROPERTY LOCATION is licensed and approved by the Nevada Department of Agriculture, Division of Plant Industry, under the Federal Farm Insect section 106 and Nevada Revised Statutes 503.010.

This certificate should not be interpreted as a guarantee, explicit or implied, for any of the products of said company. Neither should it be used for propagation, advertising or sales purposes.

List of Products:
Industrial Hemp (*Cannabis sativa* L.)

Russell Wilhelm
Agriculture Representative's Signature
Division of Plant Industry

NDA Rev. 09-2017 This certificate expires one year from the date of issue.

- **Certificate of Compliance Breakdown**
 - Issued after each harvest, if THC levels are compliant
 - Used to illustrate crop compliance and to sell yields within the state of Nevada
 - Valid 1 year from date of issuance



*Plant pathology
lab diagnostics*



*Clone grouping –
Orovada, NV*

Hemp Program: Overview

- **Conclusion....**

- Applications are available now

- Grower
- Seed Producer
- Handler

- Find more information at:

- agri.nv.gov

- I'm always here to help, feel free to call/email with any questions/concerns

Hemp Program: Overview

- **Contact Information**

Russell Wilhelm

405 S. 21st Street

Sparks, NV 89431

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Cell: (775) 750-5910

Office: (775) 353-3711



Industrial Hemp State Regulatory Officials