

Louisiana Agricultural Seed *Testing & Labeling Requirements*

**High seed quality
is vital for success!**



Louisiana Department of
Agriculture & Forestry

...to promote, protect and advance agriculture and forestry, and soil and water resources

Mike Strain, DVM Commissioner

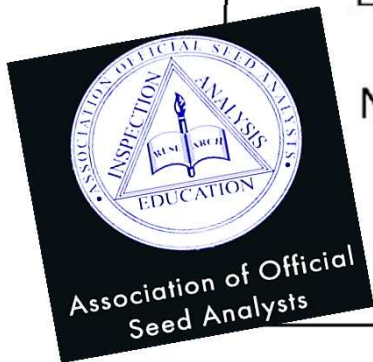
Example Seed Label

The following information is required on agricultural seed labels in Louisiana.

KIND:	HEMP	LOT#	19000
VARIETY:	XXXXX		
PURE SEED	95.00%	NET WEIGHT	5 POUNDS
INERT MATTER	01.75%	ORIGIN	CO
OTHER CROP SEED	02.90%		
WEED SEED	00.35%	TEST DATE:	09/2018
GERMINATION	48%		
DORMANT SEED	27%		

NOXIOUS-WEED SEED PER POUND: 18 Buckhorn Plantain

Super Hemp, Inc.
6606 W. Hemp Ave,
Hemp, USA 00000



Label claims must be obtained from a lab using “**AOSA Rules for Testing Seed**” methods.



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Louisiana Agricultural Seed Label Requirements

Purity Testing & Labeling Requirements

- 1) **Kind and Variety (Strain):** Kind of seed in the container and the unique variety or strain.
- 2) **Pure Seed:** Percentage by weight to two decimal places of the desired kind of seed.
- 3) **Inert Matter:** The percentage by weight to two decimal places of material other than seeds (e.g. seed half or less of original size, seed coats, insects, stones, soil, stems, leaves, etc.).
- 4) **Other Crop Seed:** Percentage by weight to two decimal places of seeds that are not stated on the label.
- 5) **Weed Seed:** The percentage by weight to two decimal places of common weed seeds (i.e. weed seeds not listed as “restricted” or “prohibited” noxious weeds by law/regulations in the State where the seed is being sent).
- 6) **Noxious Weed Seed:** The name and number per pound of restricted noxious weed seeds whose presence is limited by State law/regulations in the State where the seed is being sent. *(NOTE: Prohibited noxious weed seeds are not permitted in any seed lot offered for sale.)*



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Seed Label Purity Requirements

KIND:	HEMP	LOT# 1900
VARIETY:	XXXXX	
PURE SEED	95.00%	NET WEIGHT
INERT MATTER	01.75%	ORIGIN
OTHER CROP SEED	02.90%	TEST DATE: 09
WEED SEED	00.35%	
GERMINATION	8%	
DORMANT SEED	27%	

NOXIOUS-WEED SEED PER POUND: 18 Buckhorn P
Super Hemp, Inc.



"How clean is my seed?"



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Louisiana Agricultural Seed Label Requirements

Germination Testing & Labeling Requirements

- 7) **Germination:** The percentage of seed expected to grow under ideal growing conditions.
- 8) **Dormant:** The percentage of seed that did not germinate during the test period but were determined to be viable using TZ testing.

Other Labeling Requirements

- 9) **Origin:** State or Country where the seed was grown.
- 10) **Net Weight:** Weight of the seed in the container. (Number of seeds in container may also be stated.)
- 11) **Lot Number:** Unique identification number/mark allowing the seed to be traced.
- 12) **Test Date:** Month and year the seed lot was tested to determine the germination/dormant seed percentages.
- 13) **Contact Information:** The name and mailing address of the company responsible for the labeled claims of the seed lot.



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Seed Label Germination Requirements

KIND: HEMP LOT# 19000
VARIETY: XXXXX

PURE SEED	95.00%	NET WEIGHT	5 POUNDS
INERT MATTER	01.75%	ORIGIN	COLORED
OTHER CROP SEED	02.90%	TEST DATE:	09/2018
WEED SEED	00.50%		
GERMINATION	48%		
DORMANT SEED	27%		

NOXIOUS-WEED SEED PER POUND: 18 Buckhorn Plantain

Super Hemp, Inc.
6606 W. Hemp Ave,
Hemp, USA 00000



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Seed Report Of Analysis

Required Tests:

- > Purity Exam
- > Nox. Weed Exam
- > Viability Test-
(germination plus hard/dormant seed)

Additional Info:

- > Seed Count

XXXXXXXXXXXXXXXXXXXX

Laboratory Report Of Analysis

Account No.	Date Received	Date Completed	Lab Number
	10/30/18	11/08/18	19-1829

Information Provided by Sender	
Variety/Product	Boax
Kind	Hemp
Genus/Species	Cannabis sativa
Lot Number	WARNER #2
Class	Service

Purity Analysis			Viability Analysis				
Component		Purity	Germ Date	Germ	Dormant	Hard	Viable
Hemp <i>Cannabis sativa</i>		99.72%	11/08/18	88	-N-	-N-	88
	Weed seed	0.00%					
	Crop seed	0.00%					
	Inert matter	0.28%					

Other Crop Seeds	None Found	Noxious Weed Seeds in 500 grams	None Found
		For: CO	
		<i>(P)Prohibited Noxious (R)Restricted Noxious</i>	

Weed Seeds	None Found	Other Determinations	
		Seed count	25,927 Seeds/lb

Status: Completed

Tests Requested: Germination, Purity, Seed count. No other tests requested.

WARRANTY: The Association warrants that the purity and germination test results reported on this form have been determined in accordance with AOSA rules unless otherwise specified. Test results reflect the condition of the submitted sample and may not reflect the condition of the seed lot from which the sample was taken.
DISCLAIMER OF WARRANTIES: THE ASSOCIATION MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Signature: XXXXXXXX



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Certified Seed



Just because seed has been tested at a seed lab.....
...it **DOES NOT** mean that the seed is or has been
officially “**Certified**” under the
Assoc. of Official Seed Certifying Agencies
seed certification process!!!



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Certified Seed



Assoc. of Official Seed Certifying Agencies (AOSCA)

Website: <https://www.aosca.org/>

“The purpose of seed certification is to preserve genetic purity and varietal identity. It is an official AOSCA-agency program enabling seed companies to market genetically pure seed. Certification services are available for **field crops**, turf grasses, vegetables, fruits, **vegetatively propagated species (e.g. liners, clones, cuttings, etc.)**, woody plants and forbs. The four AASCO seed classes are Breeder (Gold tag), Foundation (White tag), Registration (Purple tag), and Certified (Blue tag).

Once seed has been **certified**, it qualifies for the official “blue” certified seed tag and meets state, federal and international seed law requirements. **Certified (Blue tag)** seed is the progeny of Breeder, Foundation or Registered seed produced and handled to maintain satisfactory genetic purity and varietal identity.

Strict requirements for producing certified seed include:

- **Genetics** – only eligible propagation stock permitted
- **Land Requirements** - production field isolation
- **Field Standards** – production field inspections
- **Seed Standards** – min./max. impurity standards
- **Meets standards set by an AOSCA member (e.g. LDAF)**



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Certified Seed

Why purchase Certified seed?

- Third party quality control production program for the planting material
- Third party verification/testing of planting material genetic purity
- Third party verification of planting material variety
- Third party testing for seed viability
- Third party testing for physical purity standards of the seed
- Third party inspection of the planting material production area
- Third party assurance of the quality of the planting material



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