Introductory Hemp Trials

North Slope Farm

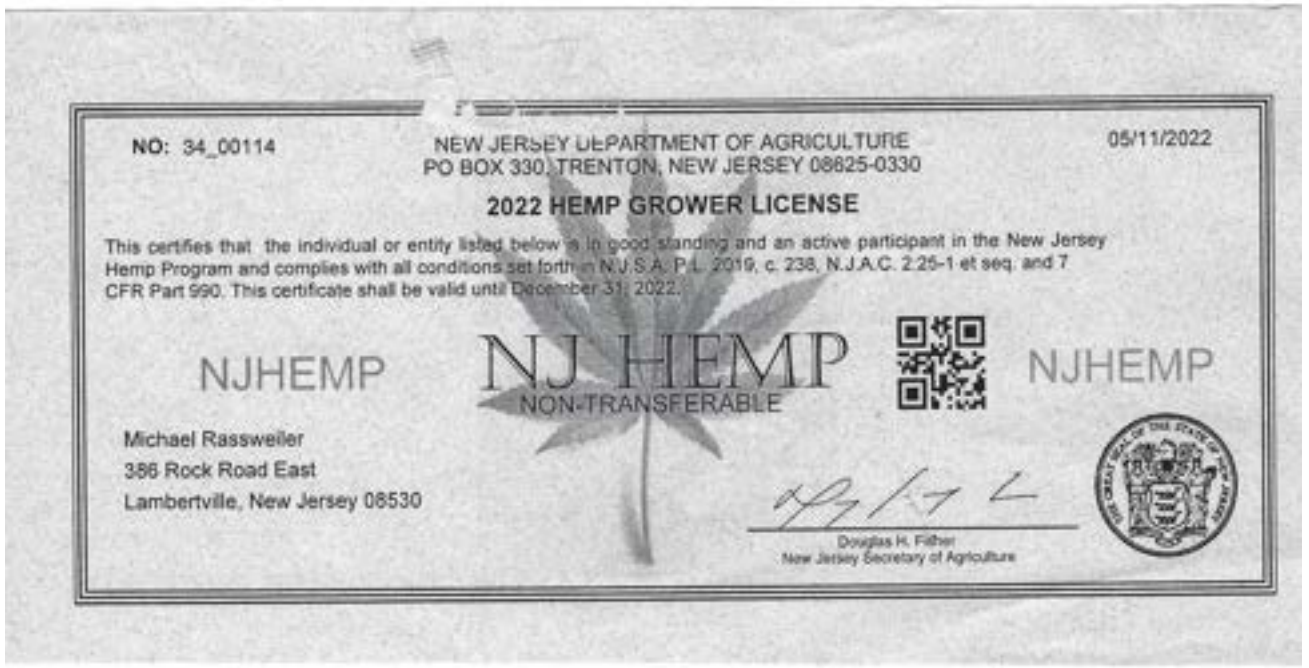
2022 and 2023

West Amwell Twp, Hunterdon County

New Jersey

New Jersey Department of Agriculture
“Hemp Grower License”

Prior to planting hemp in New Jersey, an approved application to the NJ Department of Agriculture will establish that you comply with “conditions set forth in NJSA PL 2019, c238, NJAC 2.25-1 et seq. and 7 CFR Part 990”


NO: 34_00114

NEW JERSEY DEPARTMENT OF AGRICULTURE
PO BOX 330, TRENTON, NEW JERSEY 08625-0330

05/11/2022

2022 HEMP GROWER LICENSE

This certifies that the individual or entity listed below is in good standing and an active participant in the New Jersey Hemp Program and complies with all conditions set forth in N.J.S.A. P.L. 2019, c. 238, N.J.A.C. 2:25-1 et seq. and 7 CFR Part 990. This certificate shall be valid until December 31, 2022.

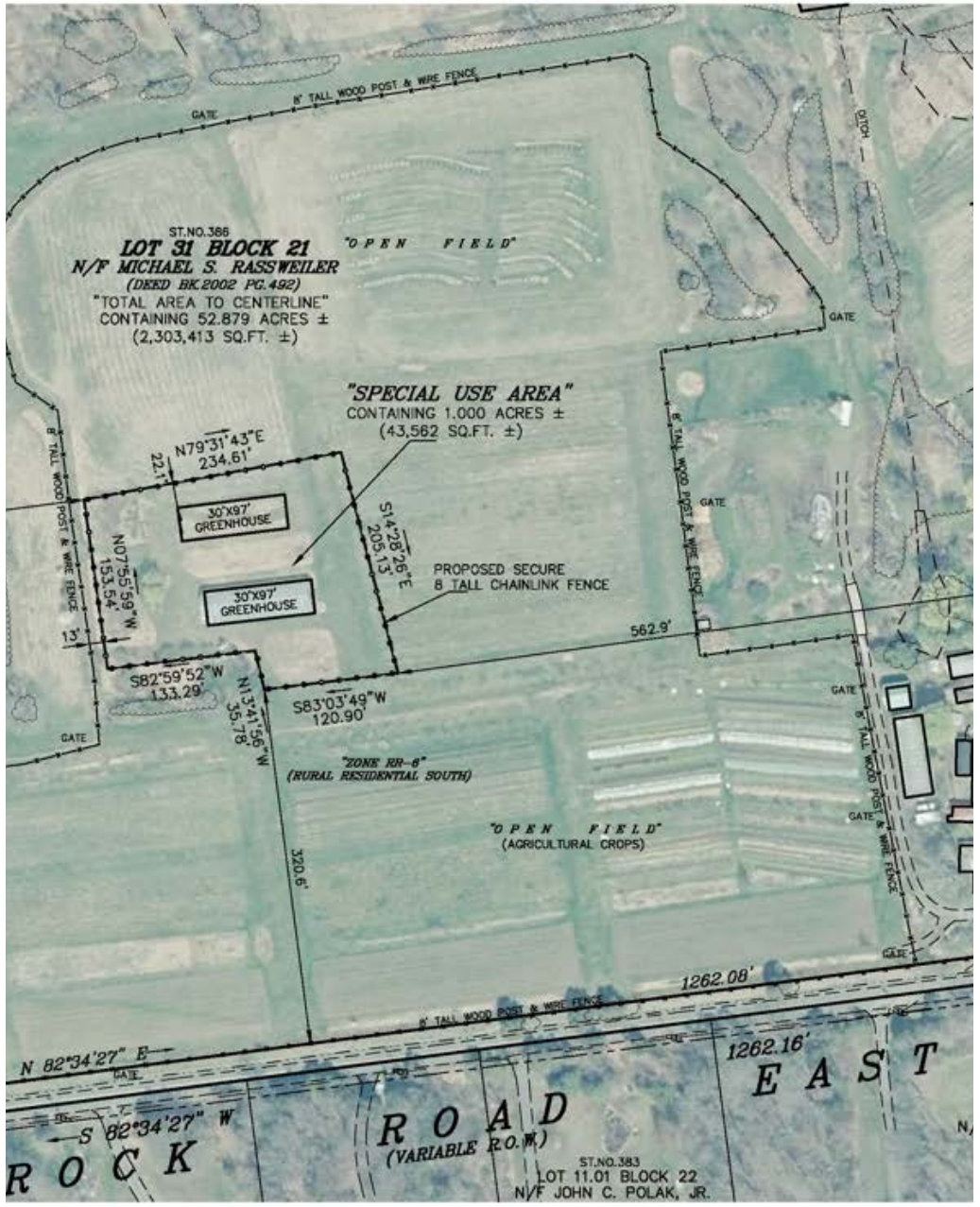
NJHEMP NJ HEMP NJHEMP
NON-TRANSFERABLE

Michael Rassweiler
386 Rock Road East
Lambertville, New Jersey 08530

Douglas H. Fisher
New Jersey Secretary of Agriculture

Location of Activity

Application for NJ Hemp program requires details about production areas, including maps and clear identification of greenhouses and storage, as well as other documentation.



Preparing for Planting, Compost and Favorable Furrows..

Field Beds with Alternate Fallow and First Cultivation, showing heavy grass pressure, in the row..

Alternate beds with annual grains to provide wind breaks for young crop..
Small scale combine desired

Transplants Planted to compare with Direct Seeding

Heavier Direct Seeding next time..

Buckwheat is seeded in photo, using the center seed portion of our 8’ seed drill. Due to the hemp plants vigorous growth I am confident a thick seeding will yield even when competing with weeds.

Started in late May, Seed Crop ready by Sept.

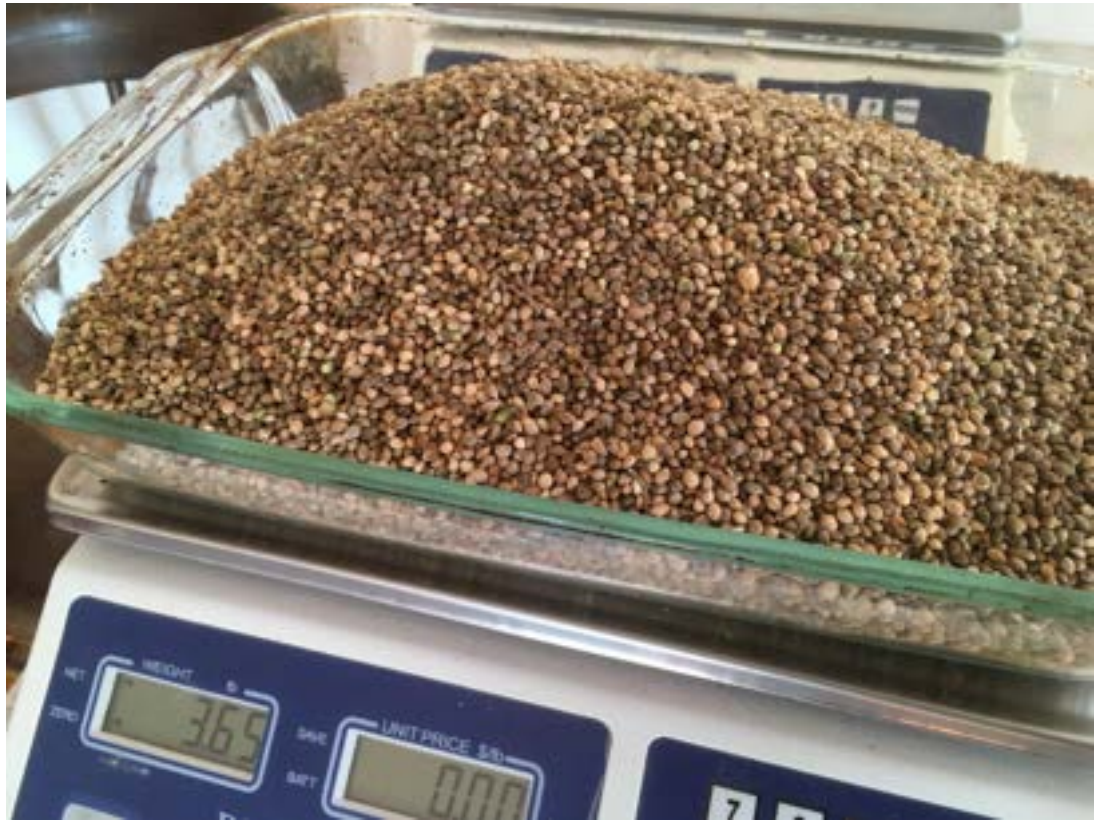
Trial Row Harvested to estimate yield

Four rows were direct seeded and Four were transplanted, all were seeded late May. The Transplanted rows clearly yielded better, and were much easier to cultivate. One row was taken through to clean seed yielding 3.6 # (460# acre*) and Nice Fiber Stalks.

*very rough estimate of planting 4 rows per 200’ bed times 32 beds per acre..

Rough Dried Seed and Fiber, then cleaned

Hemp Seed cleaned easily after drying harvest

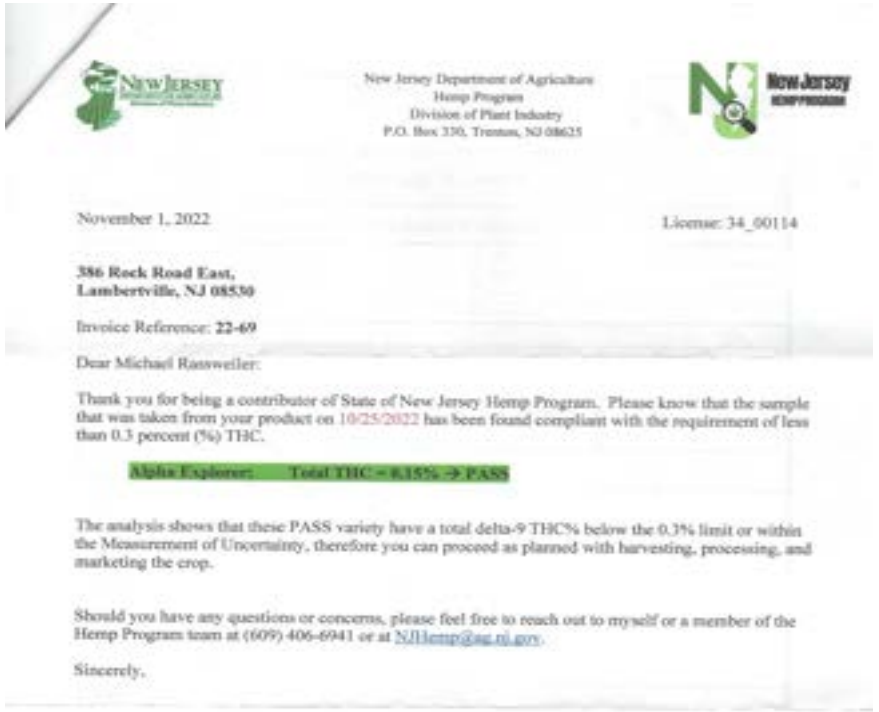


Chickens loved the seed, also lambsquarters

We harvested the weedy beds late but it yielded a nice seedy forage for the Chickens

Hand Harvest was easy – homestead feed and food crop, seems like great potential..

Prior to Harvest – Sampling required



New Jersey Department of Agriculture
Hemp Program
Division of Plant Industry
P.O. Box 330, Trenton, NJ 08625

November 1, 2022

License: 34_00114

386 Rock Road East,
Lambertville, NJ 08530

Invoice Reference: **22-69**

Dear Michael Ransweiler:

Thank you for being a contributor of State of New Jersey Hemp Program. Please know that the sample that was taken from your product on 10/25/2022 has been found compliant with the requirement of less than 0.3 percent (%) THC.

Alpha Explorer: Total THC = 0.15% → PASS

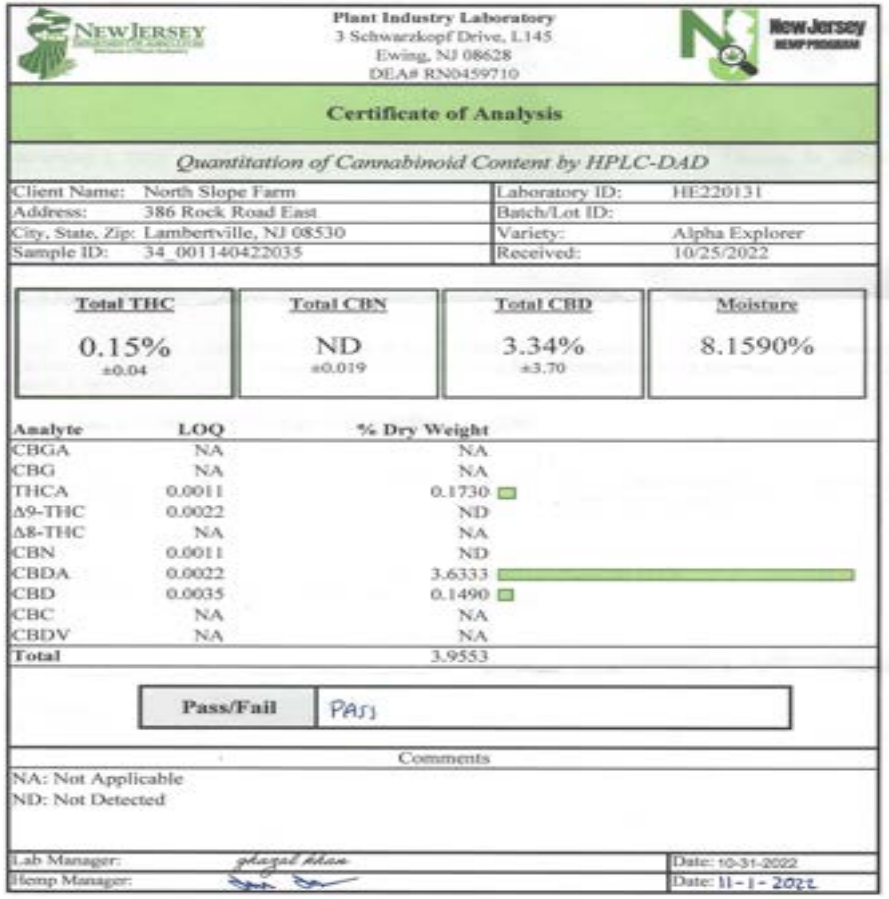
The analysis shows that these PASS variety have a total delta-9 THC% below the 0.3% limit or within the Measurement of Uncertainty, therefore you can proceed as planned with harvesting, processing, and marketing the crop.

Should you have any questions or concerns, please feel free to reach out to myself or a member of the Hemp Program team at (609) 406-6941 or at NJHemp@ag.nj.gov.

Sincerely,

John Kerr
Hemp Program Manager

Compliance Letter –
Harvest Allowed



Plant Industry Laboratory
3 Schwarzkopf Drive, L145
Ewing, NJ 08628
DEA# RN0459710

Certificate of Analysis

Quantitation of Cannabinoid Content by HPLC-DAD

Client Name:	North Slope Farm	Laboratory ID:	HE220131
Address:	386 Rock Road East	Batch/Lot ID:	
City, State, Zip:	Lambertville, NJ 08530	Variety:	Alpha Explorer
Sample ID:	34_001140422035	Received:	10/25/2022

Total THC	Total CBN	Total CBD	Moisture
0.15% ±0.04	ND ±0.019	3.34% ±3.70	8.1590%

Analyte	LOQ	% Dry Weight
CBGA	NA	NA
CBG	NA	NA
THCA	0.0011	0.1730
Δ9-THC	0.0022	ND
Δ8-THC	NA	NA
CBN	0.0011	ND
CBDA	0.0022	3.6333
CBD	0.0035	0.1490
CBC	NA	NA
CBDV	NA	NA
Total		3.9553

Pass/Fail PASS

Comments

NA: Not Applicable
ND: Not Detected

Lab Manager: Date: 10-31-2022
Hemp Manager: Date: 11-1-2022

CBD Flower Trials in 2023 – July 30

Auto Flower – Alpha Explorer

Full Season Variety – Berry Blossom

Flower Harvest, Trim and Cure

Very Sticky, yielded 1/4 prime after trimming

Having a Marketable Product is key

After Harvest crop residue chopped and fiber use of interest

Industrial Hemp

Hemp Fiber, Seed and CBD Flower were interesting crops to introduce to our diversified Organic Farm.

Cannabis is vigorous, hardy, productive and offers multiple products. Its amazing this crop has been prohibited for generations.

NorthSlopeFarm.com