



# PHYTONYX

PREMIUM FEMINIZED HEMP SEEDS



*A journey of a thousand acres  
begins with a single seed.™*

# 2020 PRODUCT CATALOG

# A Trusted Source For Premium Organic Hemp Genetics.

Phytonyx hemp varieties are selected for yield, vigor and resistance to mold, pests and pathogens. Specific harvest times, yields and cannabinoid content will vary depending on factors such as latitude, micro-climate, soil type, planting density and fertigation regimes.



CBD/THC RATIOS RANGING FROM 24/1-34/1

RELEASING NEW CBG VARIETIES

99.95% FEMINIZATION RATES

OVER 90% GERMINATION RATES

SEED TO SALE BATCH TRACKING

HIGH YIELDS & TERPENE RICH

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## **INDUSTRIAL HEMP**

Hemp, or industrial hemp, is a strain of the Cannabis plant species that is grown specifically for the industrial uses of its derived products. It is legally distinct from “marijuana” by having a 0.3 % delta 9 THC by dry weight content.

Hemp is one of the fastest growing plants and was one of the first plants to be spun into usable fiber 10,000 years ago.

## **CBD VS CBG HEMP**

Both CBG and CBD are currently considered non-psychoactive, meaning they won't alter your state of mind in a way that would inhibit your day-to-day function and mental clarity.

CBD, or cannabidiol, is a medically valuable compound produced by cannabis as a part of its natural immune system. It is produced by Type III hemp plants, which convert the precursor CBG primarily into CBD as opposed to THC.

CBG, or cannabigerol, is another medically valuable compound produced by cannabis. Type IV hemp plants are unable to convert CBG to CBD or THC in any significant amount, and therefore can be harvested for CBG at high rates.



# FROSTED LIME™ CBD



Frosted Lime is an earlier finishing variety, with a classic myrcene-dominant terpene profile. It runs from light green to deep indigo and has dense buds that produce copious amounts of oil. Our farmers in the Southeast U.S. raved how these stout plants stood up to hurricane winds and remained mold-resistant despite historic rains.

## CBD CONTENT



up to 18%

## FLOWERING PERIOD



56-63 DAYS

## PLANT TYPE



INDICA-DOMINANT

- LIME COLORED FLOWER WITH PURPLE VARIANTS
- FRUITY PUNGENT AROMA
- MOLD RESISTANT



# SISKIYOU GOLD™ CBD

Towering plants with massive flowers, Siskiyou Gold™ shows its Sativa heritage with a later finish and higher yields. Named after the rugged mountains of Southern Oregon, this variety has flourished in the humid southeast, the intermountain west and the arid southwest. In 2019, it was virtually unaffected by mold and pests while other varieties in the same field failed.

## CBD CONTENT



up to 21%

## FLOWERING PERIOD



60-67 DAYS

## PLANT TYPE



INDICA-SATIVA HYBRID

- TALL PLANTS WITH COPIOUS RESINOUS FLOWERS
- EARTHY MUSKY AROMA
- MOLD RESISTANT

# GOLDEN KUSH™ CBD



A cross of the Siskiyou Gold™ by the Kush Hemp E1, this variety was released on a limited basis in 2019 and recieved rave reviews. Excellent for both the flower and biomass markets, Golden Kush™ has the classic Kush profile with higher yields. Now released in full for the 2020 season, get your orders in early!

## CBD CONTENT



up to 18%

## FLOWERING PERIOD



63-70 DAYS

## PLANT TYPE



INDICA-DOMINANT

- STOUT PLANTS, DENSE FLOWER STRUCTURE
- CLASSIC KUSH TERPENES
- DISEASE RESISTANT

Golden Kush™ is a trademark of Phytonyx and is its brand for the Cannabis cultivar NS52





# CBD AUTOFLOWER

These two autoflower varieties are best suited for multi-harvest cycles and high density planting, up to one seed per square foot. We recommend direct sowing, as these varieties can be easily stunted by transplant shock, and will not have time to recover like traditional varieties. Yields can reach up to 4 oz per plant of high quality flower.

## **Quicksilver™ CBD Autoflower**

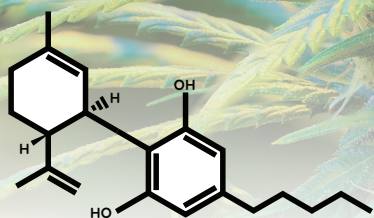
- 63-77 DAY LIFE CYCLE
- 24-30 INCHES TALL

## **Early Riser™ CBD Autoflower**

- 84-98 DAY LIFE CYCLE
- 24-36 INCHES TALL



# NEW CBG VARIETIES



Phytonyx has been developing our CBG line for limited release in Spring of 2020. Our breeding team identified the first of three CBG parental lines in late 2018, and has been hard at work selecting the best candidates for development. We are currently conducting winter trials to provide the best two F1 crosses to our customers for the 2020 planting season. Our parental lines have a nice terpene profile, and show **a range of up to 16% total CBG** at harvest, with peak CBG content typically reached in week 7 of flower. Type IV CBG hemp produces less total THC than Type III CBD hemp varieties, and finishes earlier in the year, making it an excellent addition to the hemp farmer's field composition.

Initial orders will be limited to a maximum of 20,000 seeds per order, on a first-come-first-serve basis. In addition, a limited run of rooted clone stock will be available from May through July 2020.

# CBD & CBG TRI-CROP FIELD TRIALS



Phytonyx supports the utilization of hemp beyond cannabinoid extraction. We believe the future of the hemp industry will be determined by unlocking the potential of the plant for food, fiber, building materials and so much more. A tri-crop variety yields three valuable resources:

## FLOWER



## SEED/GRAIN



## FIBER



By utilizing multiple-yield harvest strategies, per acre earnings from monoecious tri-crop varieties can approach—or even exceed—that of CBD hemp crops. Phytonyx is seeking to partner with select farms to conduct up to 1,000 acre field trials in 2020. Please contact us for more information if you are interested in growing a tri-crop this year.



# IMPORTANT INFO ON NEW USDA RULES

Industrial hemp is subject to rapidly changing regulatory influence—everyone in the hemp industry needs to stay informed and engaged. The new USDA rules create uncertainty as to harvest times and compliance for current hemp varieties in 2020. Initial comments to USDA's interim final rules are due by Jan. 29, 2020. **Please contact your Senators, Representatives and State Departments of Agriculture and ask them to protect our rights to farm without unreasonable interference.**

As it stands now, testing procedures for compliance may vary depending on the State, Tribe or County. CBD varieties should be tested weekly after four weeks in flower and may require early harvest to ensure compliance. CBG varieties should also be monitored. Phytonyx is committed to working with farmers and providing the information needed to operate within the law.

Watch our IG, FB and blog posts for more detailed info in the days ahead.

For more information on the 2020-2022 federal hemp guidelines, visit [usda.gov/topics/hemp](https://usda.gov/topics/hemp).



# BASIC ORDERING INFORMATION

A state-issued hemp license is required to complete a sale.

**No Pre-Orders Accepted Without a License.**

Minimum order: 2,500 seeds per strain,  
1,000 starts per strain, 50 clones per strain.

**PRICE (contact us for specific pricing tiers):**

## CBD

CBD seeds	\$0.40 to \$0.90 each
CBD mixed harvest seeds	\$0.20 to \$0.45 each (a seed mix containing up to 20% autoflower)
CBD starts	\$1.20 to \$2.00 each
CBD clones	\$2.50 to \$4.00 each
CBD autoflower seeds	\$0.20 to \$0.45 each

## CBG

CBG seeds	\$0.90 to \$1.00 each
CBG starts	\$1.80 to \$3.00 each
CBG clones	\$3.00 to \$5.00 each

- 20% deposit required to hold order.
  - Balance due by delivery date (all deliveries FOB in Oregon).
  - Additional charge for Certified Organic Seeds and Starts.
  - Phytonyx can provide certified organic seed coating for farms interested in direct sowing.
- Additional costs and lead time required— inquire with our sales team for further info.

### Additional Information

Phytonyx proudly offers seed-to-sale batch tracking.

Only authorized distributors can resell Phytonyx seeds and starts. Phytonyx collaborates with breeders and research institutions for propagation and breeding. Inquire if interested.

### International Sales +1.844.668.4868

Please inquire with our sales team—we evaluate on a case-by-case basis. Compliance must be confirmed with importing country's regulations. Phytosanitary certification available.



# PHYTONYX

PREMIUM FEMINIZED HEMP SEEDS

Phytonyx offers organically grown feminized seeds, starts and clones of both CBD and CBG varieties available for the 2020 season.



PHYTONYX IS A PROUD PARTNER OF THE FOLLOWING ASSOCIATIONS:



NATIONAL HEMP  
ASSOCIATION



OIHEA  
OREGON INDUSTRIAL HEMP  
FARMERS ASSOCIATION



**Contact us or an authorized distributor to place your 2020 orders!**

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   @phytonyx