



SEED START GUIDE

2021

Breeding Strain Stability With
Science & Experience

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Humboldt Seed Company

Humboldt Seed Company is on a mission to provide high-quality cannabis seeds to customers who want to grow their own cannabis plants.

Founded in 2001 by biologists in Humboldt County, CA, we began breeding for patients under Prop 215. We have since evolved for the recreational market.

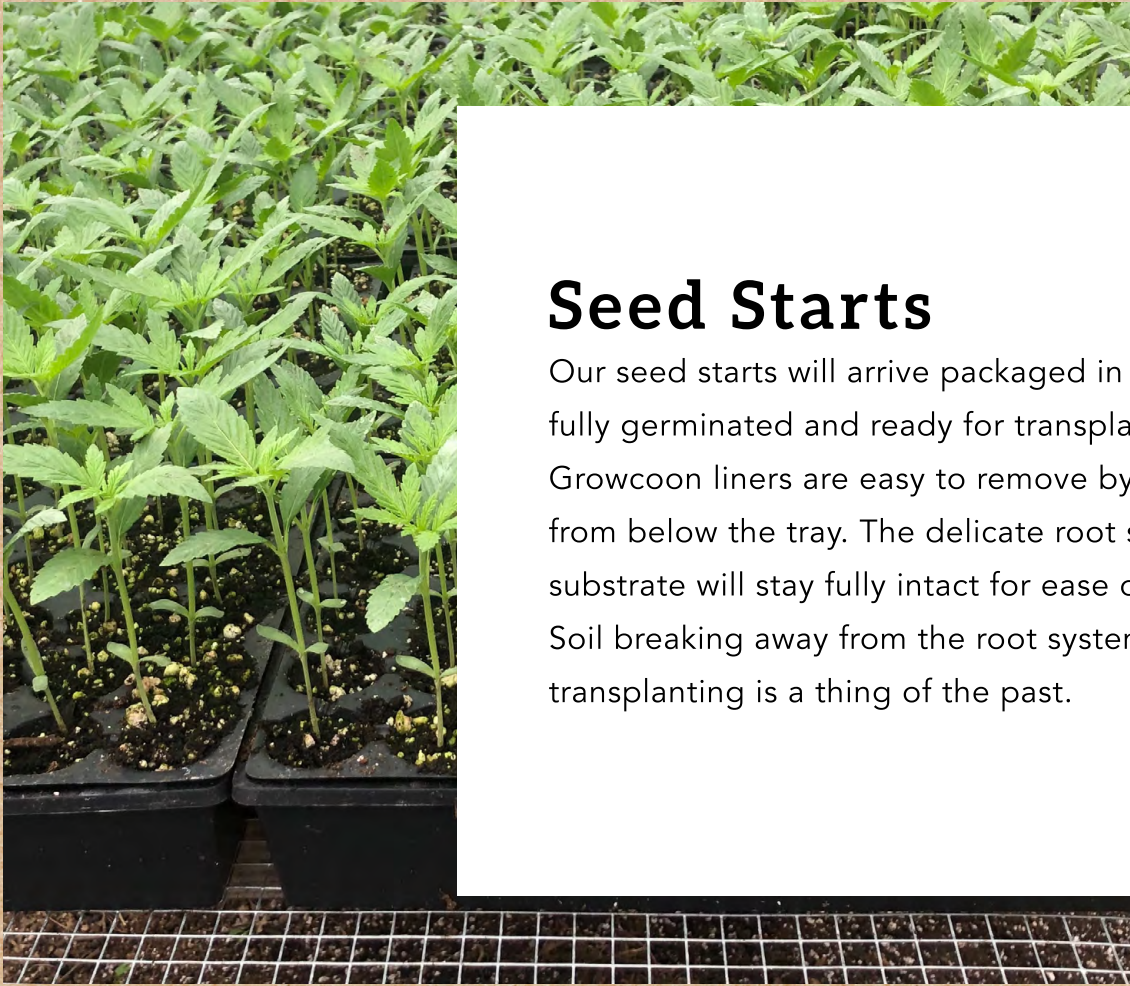
In 2018 we hosted the World's Largest Phenotype Hunt through a collaborative genetic clone pursuit, teaming with local farm friends we choose the top percentile clones. We've refined the genetics from this effort and have created new original strains giving us a unique variety of coveted strains.

Our seeds are Clean Green Certified and we offer the only feminized seeds certified by Leafworks.



"I bred my first seeds in 1998 and fell in love with the idea of being able to create and explore new kinds of cannabis."

– Nathaniel Pennington, Humboldt Seed Company Founder



Seed Starts

Our seed starts will arrive packaged in 72-cell trays fully germinated and ready for transplanting. The Growcoon liners are easy to remove by pressing up from below the tray. The delicate root system and substrate will stay fully intact for ease of transplanting. Soil breaking away from the root system while transplanting is a thing of the past.



Why Growcoon

Growcoon enables you to supply crops faster, ensure a more uniform growth, limit waste, and make production more efficient.

In addition to the compact bundling of the root system, the primary benefit of a Growcoon is that it maintains 100% natural soil due to its biodegradable properties. The Growcoon is approved for organic farming and is safe for humans and the environment. It is SKAL listed and complies with the EU's regulations on organic production.

The 'secret' of the Growcoon is its unique wall. The product is essentially a biodegradable web with an open net structure. Ensuring the binding of the root system and providing a structure for growth stability. This unique system gives roots the freedom needed to grow uninhibited.

In short, the Growcoon is the ideal product for every grower who prioritizes healthy plants and runs an efficient production process.

Need more information on Growcoons? Check out growcoon.com



GROWERS GUIDE

AUTOFLOWER

FEMINIZED SEED CULTIVATORS

Plant Spacing: 18-20 Inch on Center

For Every Acre: 17,000-25,000 Plants Per Acre*

For 10,000 sq ft - 3,500 - 5,000 Plants

Recommended Outdoor Planting -
When Temps No Longer Drop Below 45 Degrees

PHOTOPERIODIC

FEMINIZED SEED CULTIVATORS

June-July Outdoor Planting

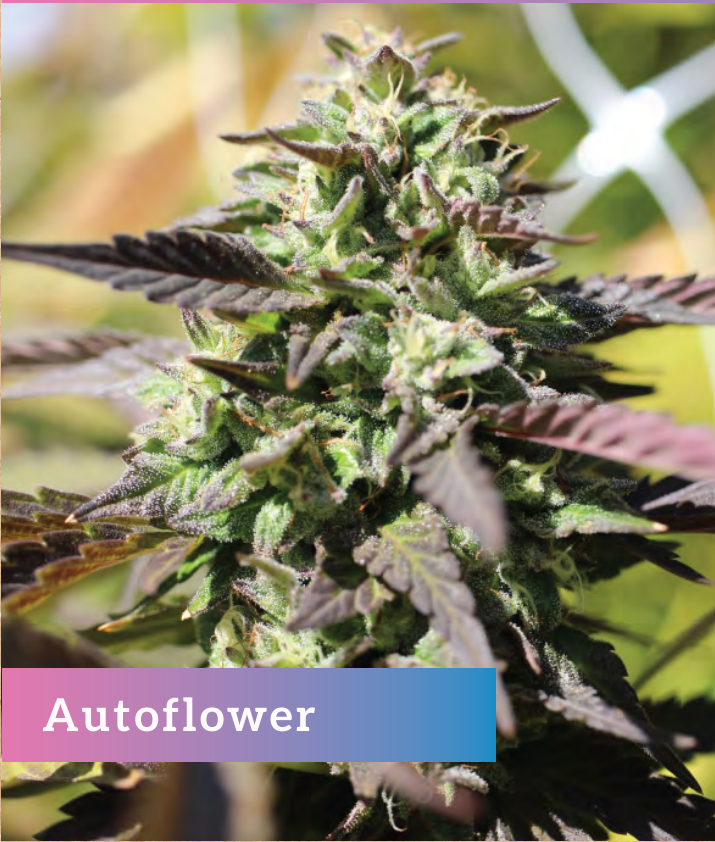
Plant Spacing: 24-48 Inch on Center

For Every Acre: 5,000 - 15,000 Plants Per Acre*

*Depending on Bed Width

Consult a HSC Representative for more information on staggering
your harvest dates.

AUTOFLOWER FEMINIZED



Autoflower

Chunkadelic

ORIGINAL STRAIN

TANGERINE
SKUNKY
FUEL

**FLOWERING TIME 75-85
DAYS | INDICA | AVG. THC
18-22% | MINOR VARIATION
CHUNKY BUDS**

DARK
DEVIL
HEADBAND

MAGIC
MELON
AUTO

As a homage to one of our favorite bands, Parliament Funkadelic, we gave this strain a fitting name to go with its bag appeal and production. We've been using "cunkle" to describe the gnarly chunky nuggets of Caramel Cream, and this has the same cunkle effect: attractive nuggets with solid dank protrusions. Easy yet productive, this cultivar is great for either large scale production or your backyard grow.

🕒 EARLY DEPENDING ON GERMINATION DATE



Autoflower

Sour Apple

ORIGINAL STRAIN

APPLES
GAS

**FLOWERING TIME: 75-85
DAYS | SATIVA | AVG. THC
20-24% | MINOR VARIATION
FROSTY AND DENSE**

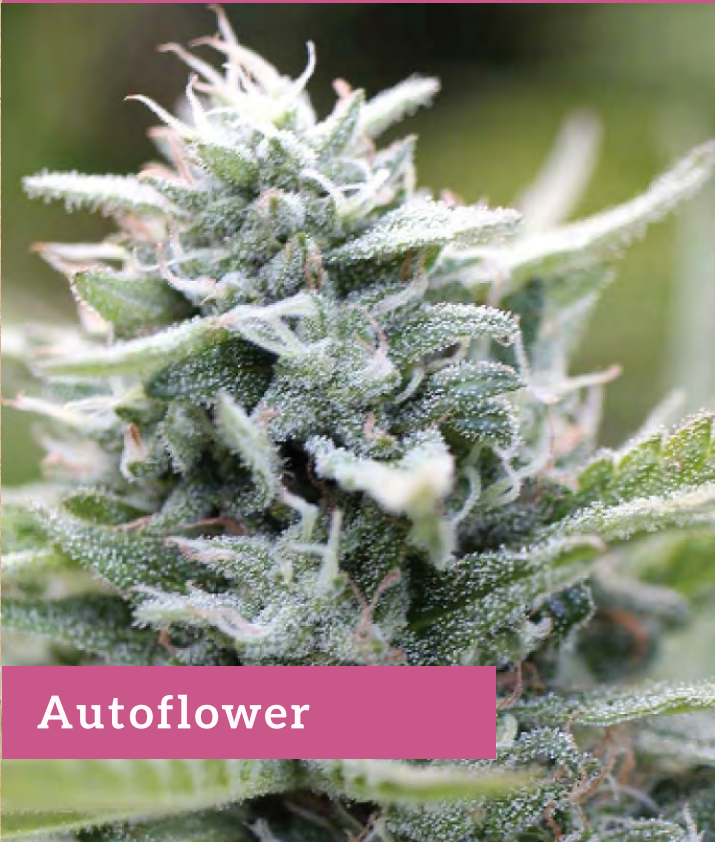
MAGIC
MELON
AUTO

HUMBOLDT
SOUR
DIESEL

Sour Apple is a crossbreed to auto project that combines classic fuel terp/high THC strains with the fruity terps and amazing vigor of the Magic Melon Auto. In 2019 we isolated high THC phenos of the cross and then bred them with seed from the plants testing over 20% THC. With dense buds that have an attractive purple and green mottling and sugar-coated frost, this is worthy of the top shelf anywhere!

🕒 EARLY DEPENDING ON GERMINATION DATE

AUTOFLOWER FEMINIZED



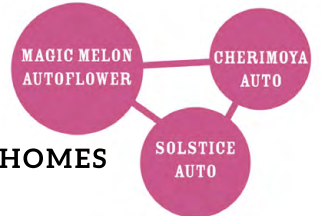
Autoflower

Magic Melon

ORIGINAL STRAIN

FUNKY
FUEL
RASPBERRY

FLOWERING TIME 80-90 DAYS | EFFECT: INDICA (55% INDICA 45% SATIVA) | VERY PUNGENT | DENSE TRICHOMES



Have the best of both worlds with our Feminized Magic Melon Autoflower! Combining the acclaimed Magic Melon with the ease and vigor of an auto makes this an obvious choice for anyone who wants a lot of bud quickly. All autos need favorable conditions throughout the life cycle, particularly the early veg state. May also flower early if roots feel constrained. We've been improving autoflowers to be as gorgeous as any full season strain, so experience the easy and production of autoflowers from your trusted source!

🕒 EARLY DEPENDING ON GERMINATION DATE



Autoflower

Vanilla Latte

ORIGINAL STRAIN

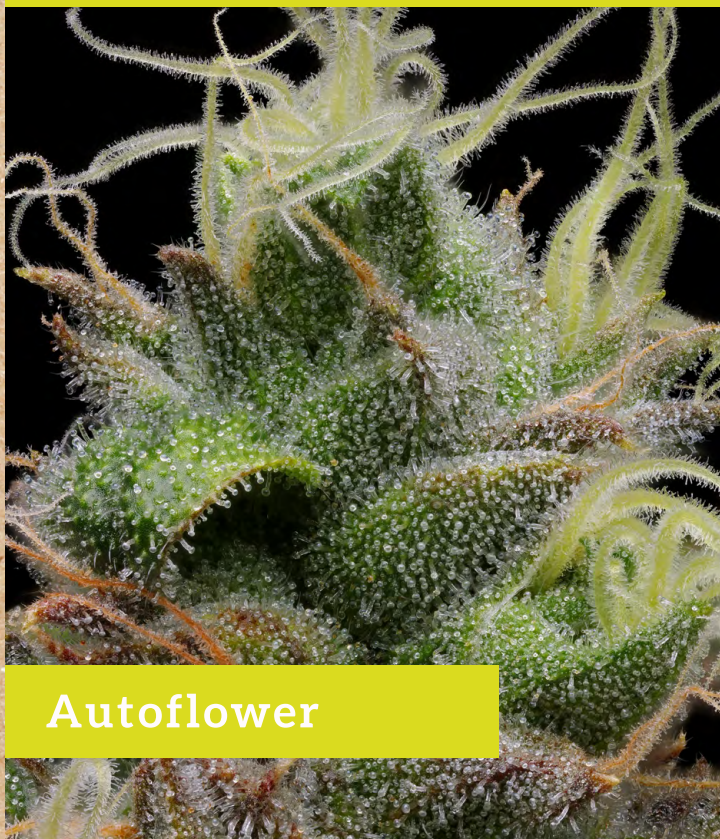
FLOWERING TIME 80-90 DAYS | EFFECT: INDICA | AVG. THC 25-30% | MINOR VARIATION



If you think Autos aren't as good as photoperiods, think again! One of our "crossbreed to auto" creations, made from Vanilla Frosting and Sol Mate Auto, this new strain captures the wonder, flavor, and high THC of Vanilla Frosting. The wide chunky buds that autos are known for lets Vanilla Latte look great in a nug jar. Great for the basement, backyard, or even the balcony, we're so excited we've got the jitters!

🕒 EARLY DEPENDING ON GERMINATION DATE

AUTOFLOWER FEMINIZED



Autoflower

Pound Town

ORIGINAL STRAIN

CARAMEL APPLE
MELON FUNK
GASSY & SWEET

FLOWERING TIME 75-85 DAYS
60% SATIVA 40% INDICA
AVG. THC 20%-24% |
HIGHLY VIGOUROUS | Bx2

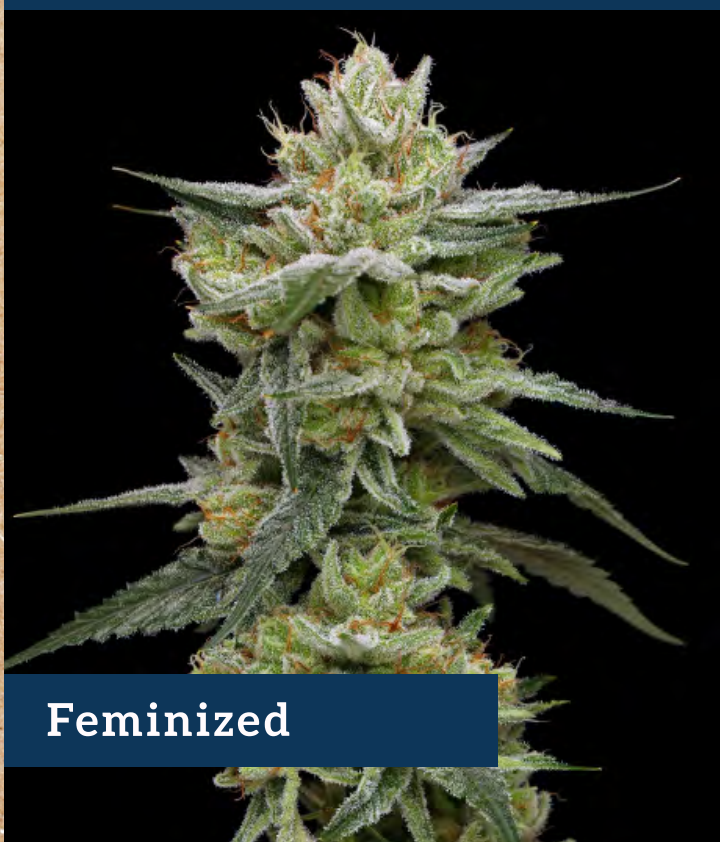
MAGIC
MELON
AUTOFLOWER

SOUR
APPLE

Pound Town Auto is definitely aptly named, it's hard to go wrong with autos when they yield like this line does! Easy yet productive, this cultivar is great for large scale production, or your classic backyard grow. We've been working around the clock to create Autoflower lines that can stand up to our Photoperiods, both literally and figuratively.. We have to say we nailed it this season! Pound Town combines the yield, vigor and bud density of our famous Magic Melon Autoflower with the marketability and higher THC of our new Sour Apple Auto.

🕒 EARLY DEPENDING ON GERMINATION DATE

PHOTOPERIODIC FEMINIZED



Feminized

Jelly Rancher

ORIGINAL STRAIN

COTTON CANDY
STRAWBERRIES
GRAPES

FLOWERING TIME 45 DAYS
SATIVA (30% INDICA 70%
SATIVA) | AVG. THC 26-30% |
HIGHLY UNIFORM | EASY TO
GROW, VIGOROUS HYBRID

JELLY
RANCHER
Bx3

NOTORIOUS
T.H.C.

VERY
CHERRY

Want a productive, fast flowering strain with a high THC and covered in sparkly trichomes? Then this winner from our 2019 Phenotype Mega-Hunt is for you. A sativa strain with the growth habits of an Indica, Jelly Rancher gives you faster flowering with sturdier structure, the best of both worlds! This fruity cotton candy terpene strain will delight extractors or look amazing in the jar. Effects are strong but not debilitating, plus test results found a bit of CBG and CBD for added intrigue. Jelly Rancher is a great performer in all growing environments, but particularly ideal for a quick turn or climates with earlier fall weather.

PHOTOPERIOD DEPENDENT

🕒 EARLY

PHOTOPERIODIC FEMINIZED



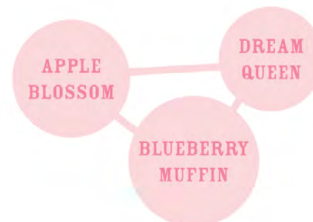
Feminized

Apple Blossom

ORIGINAL STRAIN

DELICATE
FLORAL
SWEET
APPLES

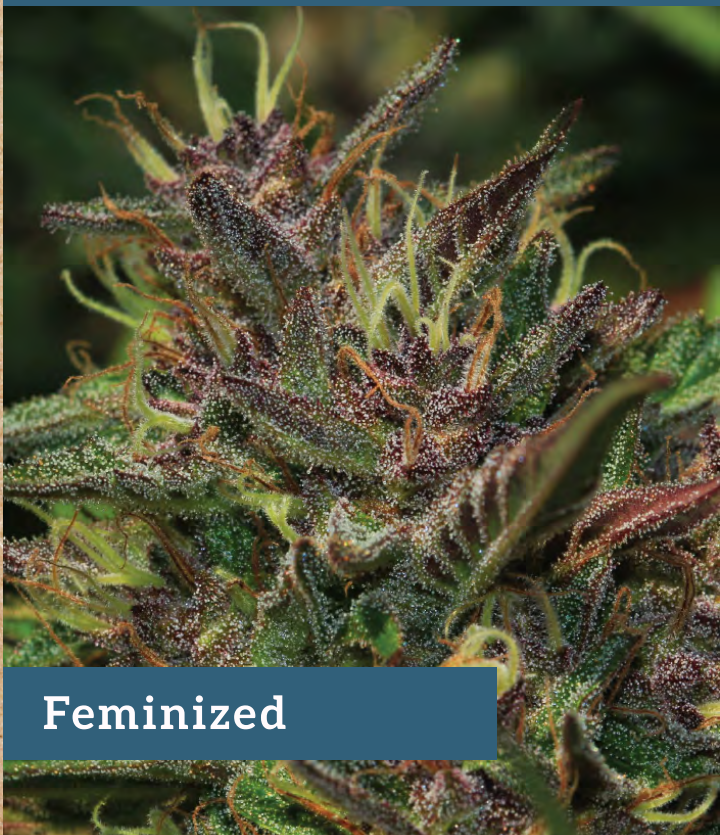
FLOWERING TIME 45 DAYS
HYBRID (50% INDICA
50% SATIVA) | AVG. THC
26-30% | SOME VARIATION
SWEET FLORAL APPLE



Apple Blossom is a heavily selected cross of two of our earliest and most popular varieties, Blueberry Muffin x Dream Queen. This combo combines both one of our most unique and favorable terpene profiles (BBM) with one of our highest producing lines (DQ). Apple Blossom produces dense trichome covered flowers, with hints of blue and purple. A warm, delicate floral scent with notes of sweet apple hits just right, leaving you with an uplifting and energizing high. This is a strain any mother can love.

PHOTOPERIOD DEPENDENT

🕒 **EARLY | SEPT 15-30TH**



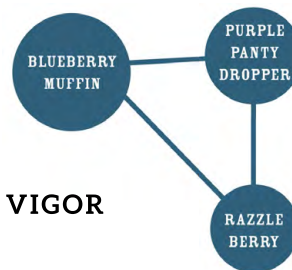
Feminized

Blueberry Muffin

SIGNATURE STRAIN

BLUEBERRIES
MUFFINS
CHAMOMILE

FLOWERING TIME 45 DAYS
INDICA DOMINANT | SWEET
STRONG BLUEBERRY SCENT |
ENERGIZING | F9 DOUBLE
BREEDING LINE FOR HYBRID VIGOR

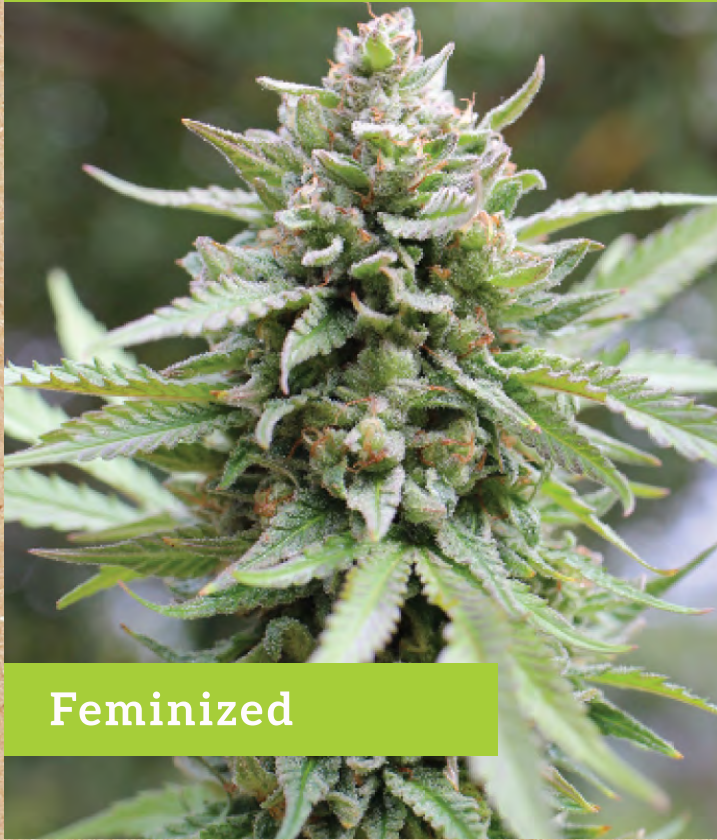


Blueberry Muffin is a company favorite. This seed produces plants that grow uniformly and produce frosty colas highlighted with purple flakes. The buds smell powerfully like fresh baked blueberry muffins, making the name of this strain a piece of... muffin. EMERALD CUP 2017 6TH PLACE!

PHOTOPERIOD DEPENDENT

🕒 **EARLY | SEPT 15TH-OCT 1ST**

PHOTOPERIODIC FEMINIZED



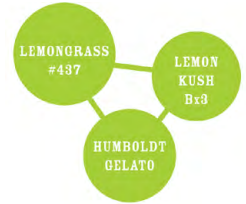
Feminized

Lemongrass

ORIGINAL STRAIN

LEMON DROPS
SOUR
FUEL

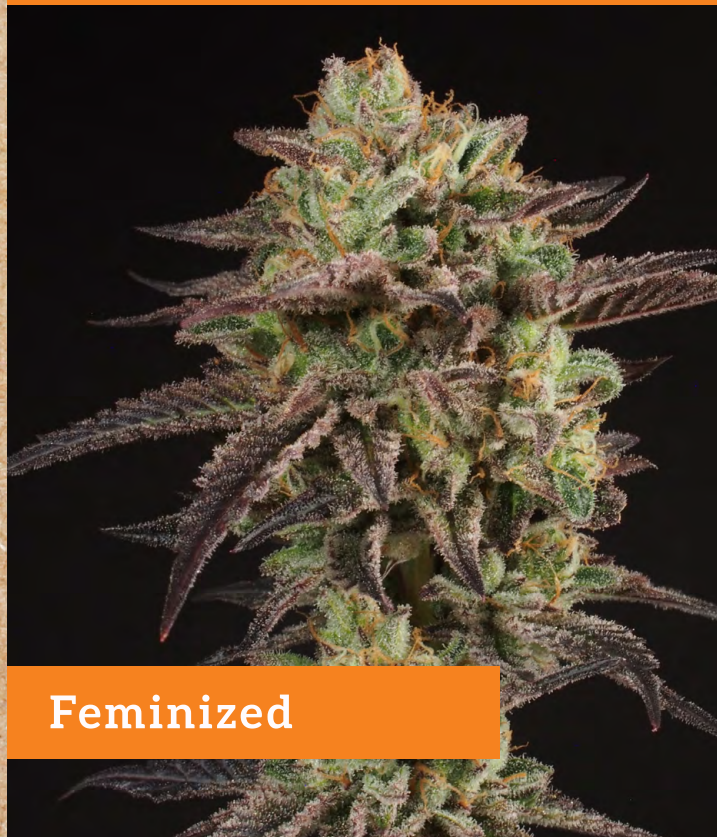
FLOWERING TIME 50 DAYS
EFFECT INDICA
(70% INDICA 30% SATIVA) |
UPLIFTING | EXTREME
POTENCY | F4



An exciting new strain that will not disappoint. With high THC levels complemented by juicy terpenes gushing with lemon flavor, the Lemongrass name came easy. Production leaves nothing to be desired: the plants are huge and display hybrid vigor. Disease, mildew and mold resistance is high and flower structure is perfect for machine or hand trimming. A solid choice for California farms looking for a foolproof way to hit the season running. Don't hesitate, seed supply is limited and after you grow out the Lemongrass you will surely want to thai one on!

PHOTOPERIOD DEPENDENT

🕒 **EARLY | SEPT 20TH-OCT 5TH**



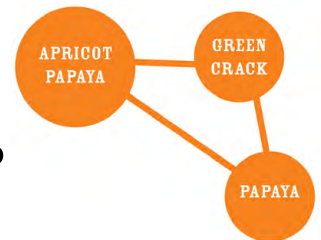
Feminized

Apricot Papaya

ORIGINAL STRAIN

CITRUS
CINNAMON
SKUNK

FLOWERING TIME 55 DAYS |
EFFECT SATIVA (40% INDICA
60% SATIVA) | HIGH VIGOR
AND PRODUCTION | COVERED
IN TRICHOMES

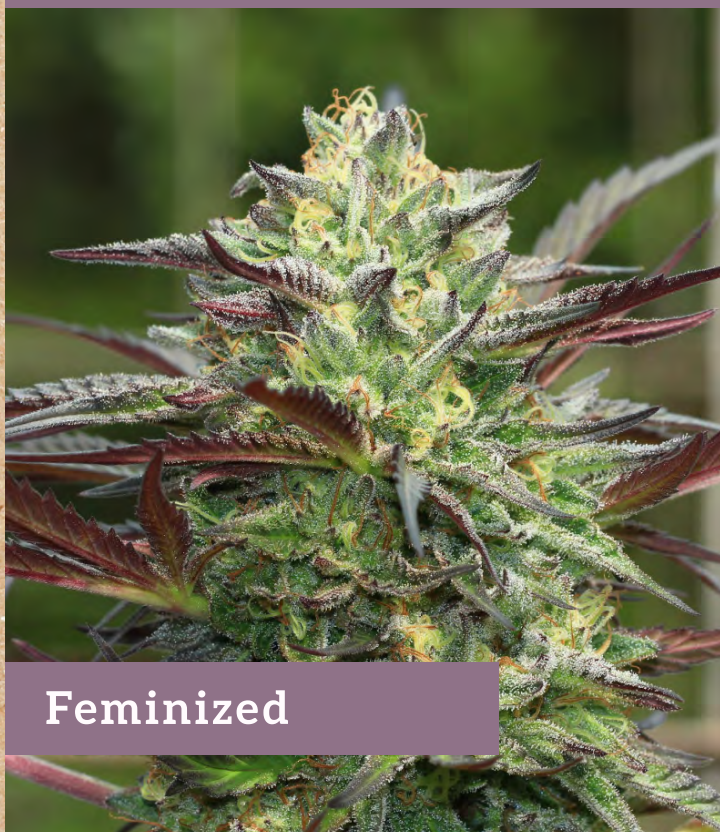


Selected for its amazingly fast flowering time and over the top juicy nose. This easy to grow strain produces platinum green buds dripping with resin. A perfect addition to your morning routine. She picks you up mentally and physically while keeping you calm. No munchies with this lady, espresso a go-go.

PHOTOPERIOD DEPENDENT

🕒 **EARLY | SEPT 25TH-OCT 10TH**

PHOTOPERIODIC FEMINIZED



Feminized

G.S. Cookie

LEGENDARY STRAIN

ORANGE
PINE
SKUNK

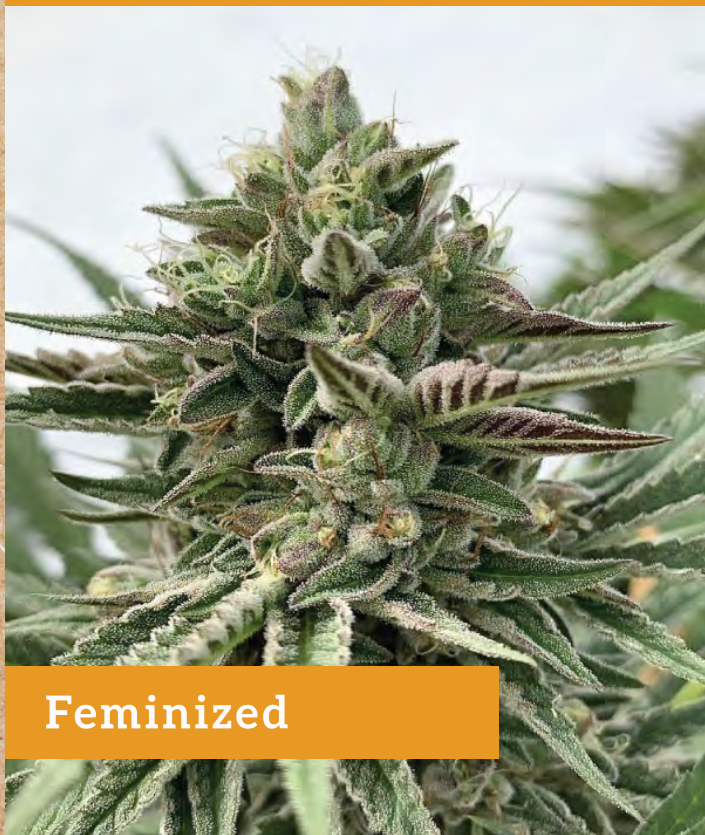
FLOWERING TIME 55 DAYS
INDICA DOMINANT | REAL
COOKIE DOUGH SMELL |
F5



Girl Scout Cookies is a Northern California legend. Available for the first time ever in a stable seed. The seeds produce large plants compared to their clone counterparts, easily doubling harvest expectations. Giving it the nickname Girl Scout Monster. The buds are extremely compact and prolific with THC levels reaching upwards of 28%. The smoke is intensely Narcotic and may work well to support anxiety, depression, pain relief, and appetite stimulation.

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | SEPT 25TH-OCT 10TH



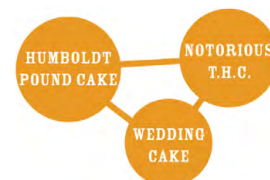
Feminized

Humboldt Pound Cake

ORIGINAL STRAIN

RICH AND TANGY
CAKE BATTER
SWEET

FLOWERING TIME 55 DAYS |
INDICA (60% INDICA
40% SATIVA) | AVG. THC 25-30%
SOME VARIATION | BALANCED
HIGH AND DYNAMIC TASTE

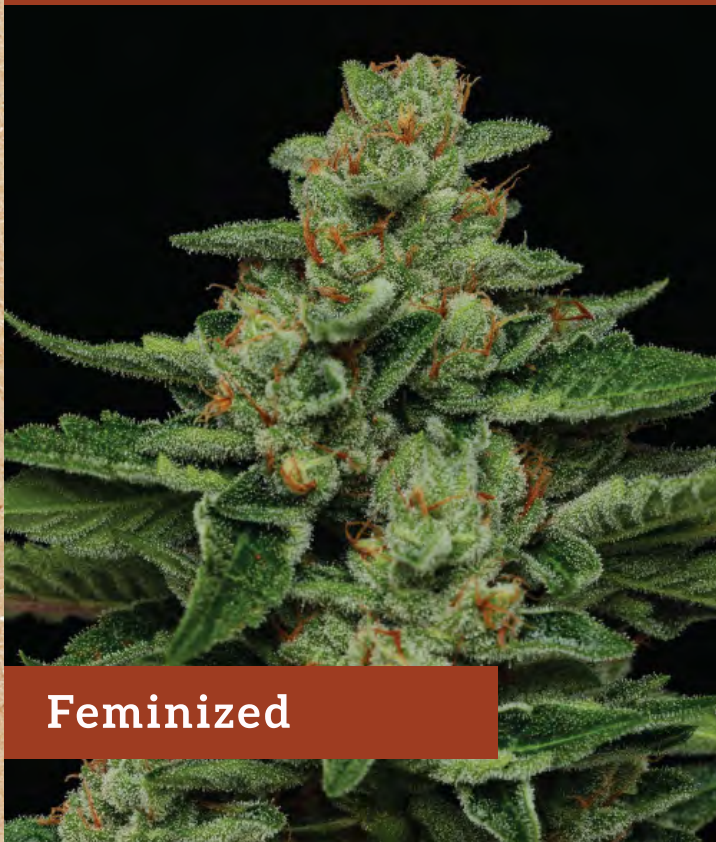


The Phenotype Mega Hunt winner that can be credited for this strain had chunky resin dripping buds and glistening trichomes, like a fresh iced slice of pound cake. We were hesitant to breed with Wedding Cake due to experiences with herms, but we crossed her with Notorious THC and found a phenotype that didn't have that issue. While we had great experiences in our full-term R&D, do keep your eyes out, better safe than sorry! Humboldt Pound Cake's buds are as aromatically striking as they are visually enticing. With rich earthy flavors and tangy almost sour notes, this line has a satisfying terpene profile and a quick high with uplifting and euphoric effects.

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH

PHOTOPERIODIC FEMINIZED



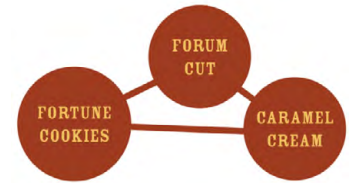
Feminized

Fortune Cookie

ORIGINAL STRAIN

VANILLA PASTRY
BOSTON CREME
SWEET FUEL

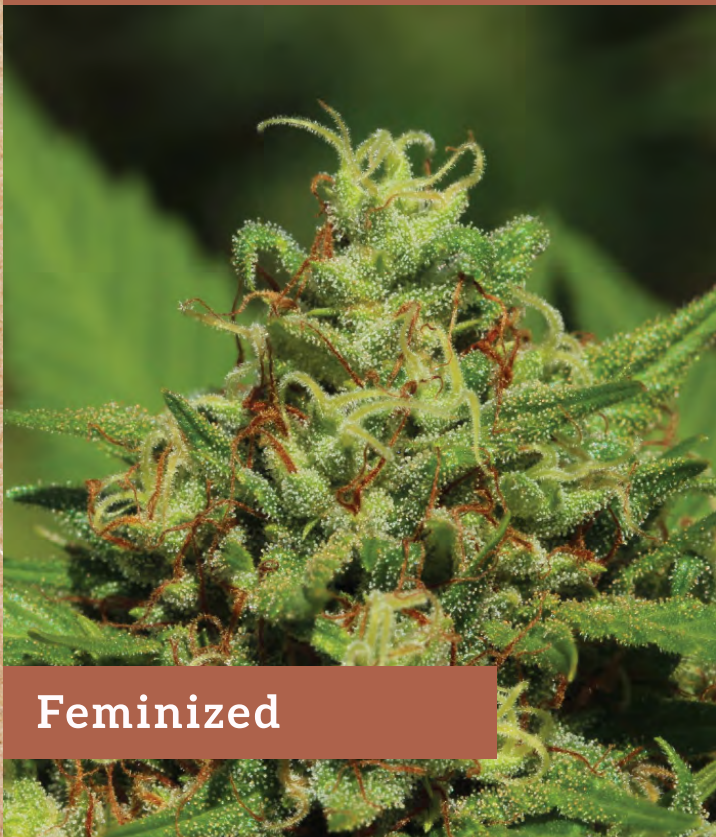
**FLOWERING TIME 55 DAYS |
INDICA (60% INDICA 40%
SATIVA) | AVG. THC 22-26% |
MINOR VARIATION |
SUPER STONEY COOKIES**



Fortunes do grow on trees in Humboldt and if there's a company that knows what strains will make you feel fortunate, it's us. The Fortune Cookie strain has been in the oven here at Humboldt Seed for a long time. This is the product of six years of breeding work, starting with Forum Cut and Emerald Fire OG, then Caramel Cream, eventually leading to the discovery and stabilization of the Fortune Cookie phenotype in seed form. Expect plants with upright growth habits and dense frosty nuggets with a gassy terpene profile. With potency that's loaded with trichomes, Fortune Cookies is guaranteed to leave both producers and consumers highly satisfied!

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | SEPT 25TH-OCT 10TH



Feminized

Emerald Fire OG

LEGENDARY STRAIN

EARTHY
PUNGENT
CITRUS

**FLOWERING TIME 60 DAYS |
BALANCED INDICA & SATIVA |
RELAXING AND UPLIFTING |
LARGE DENSE NUGS COVERED
IN RED HAIRS | THC 23-28%
CBD .04% | F4**

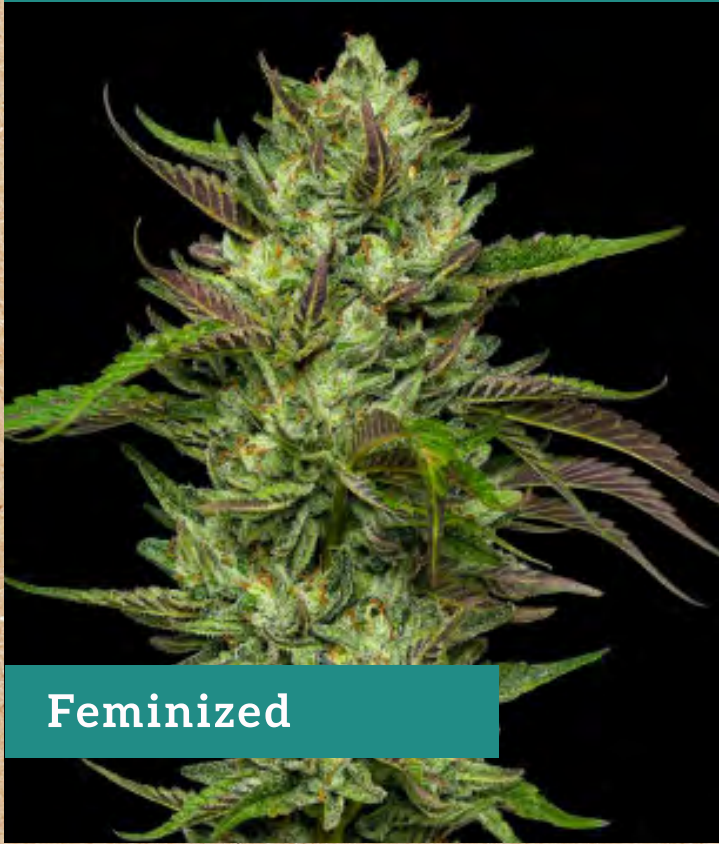


Imagine a sleepy fireplace on a cold, rainy day, inviting you to sit and unwind in the slow warmth it offers – this is the kind of fire channeled by our Emerald Fire OG. This plant offers large, dense nugs, covered in orange fiery hairs making it true to the name. This smooth, lemony, and piney smoke will make you sit back and soak in the environment around you.

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH

PHOTOPERIODIC FEMINIZED



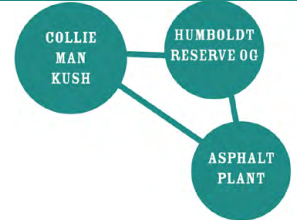
Feminized

Collie Man Kush

OG FUEL
VENOM OG

ORIGINAL STRAIN

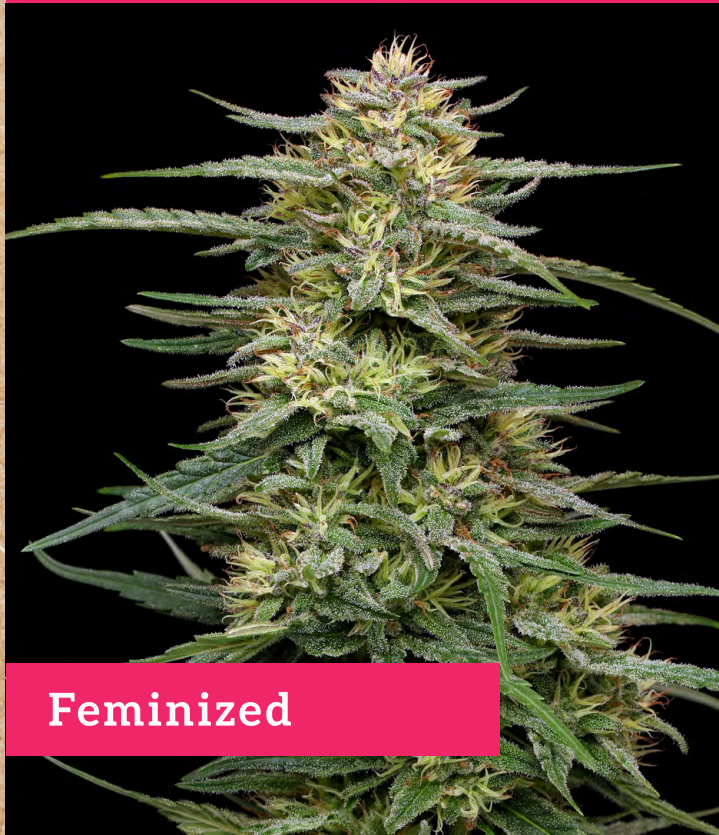
FLOWERING TIME 60 DAYS
90% INDICA 10% SATIVA |
EXTREMELY DENSE AND
PRODUCTIVE | POTENCY OF
KUSH | NON-DROWSY



Collie Man Kush travels the rocky road, carries the heavy load, and definitely has the Sensi Herb. We were stoked to breed strains for Slightly Stoopid and composted a fuel and OG terpene orchestra just as frontman Miles Doughty likes it. Reported as “so loud it made my nose run and eyes water.” Or maybe you tear up because it’s so pretty, glistening with trichomes, sparkling like the waves off Ocean Beach, the band’s SoCal home turf. This high octane OG is perfect for watching waves... maybe even until 2am!

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH



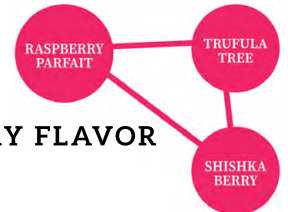
Feminized

Raspberry Parfait

RASPBERRIES
VANILLA
YOGHURT

ORIGINAL STRAIN

FLOWERING TIME 60 DAYS |
AVG. THC 22% | EFFECT: SATIVA
(20% INDICA 80% SATIVA)
SWEET MIND EXPANDING BERRY FLAVOR
VIGOROUS TALL GROWTH

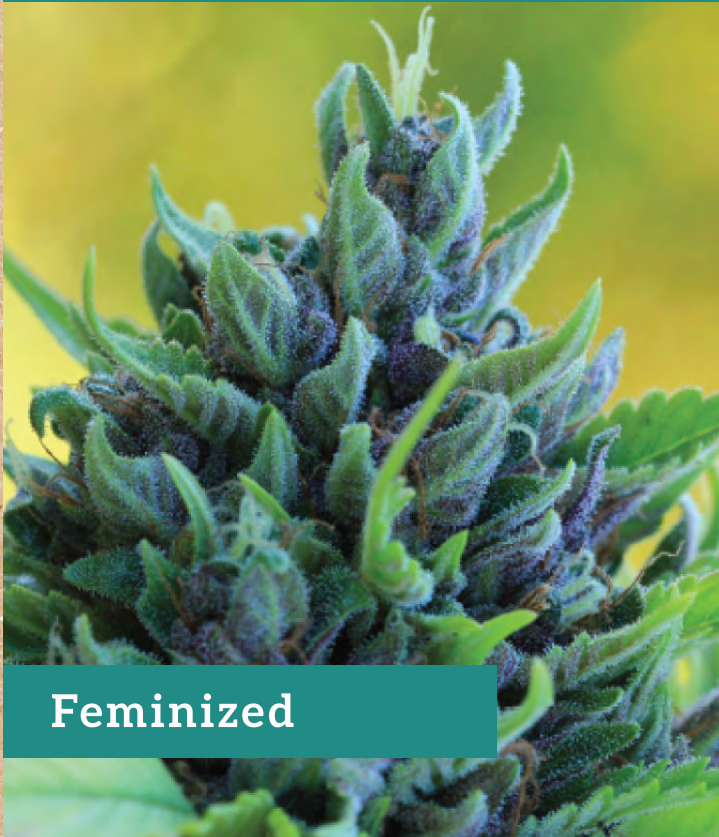


Via 2017’s collaborative phenotype hunting by Rising Leaf Farms in Oregon, we were alerted to a plant from an R&D seed batch we had made from a Shishkaberry mother and Trufula Tree father. On a visit with Jennifer and Jason of Rising Leaf, we experienced first-hand the magical genetics of this gorgeous plant with its special terpene profiles and effects. Now we are able to release Raspberry Parfait, another balanced breakfast strain from Humboldt Seed that’s destined for fame!

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-10TH

PHOTOPERIODIC FEMINIZED



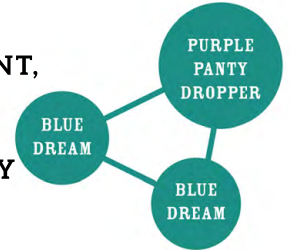
Feminized

Humboldt Dream

ORIGINAL STRAIN

BLUEBERRY
SWEET
PINE

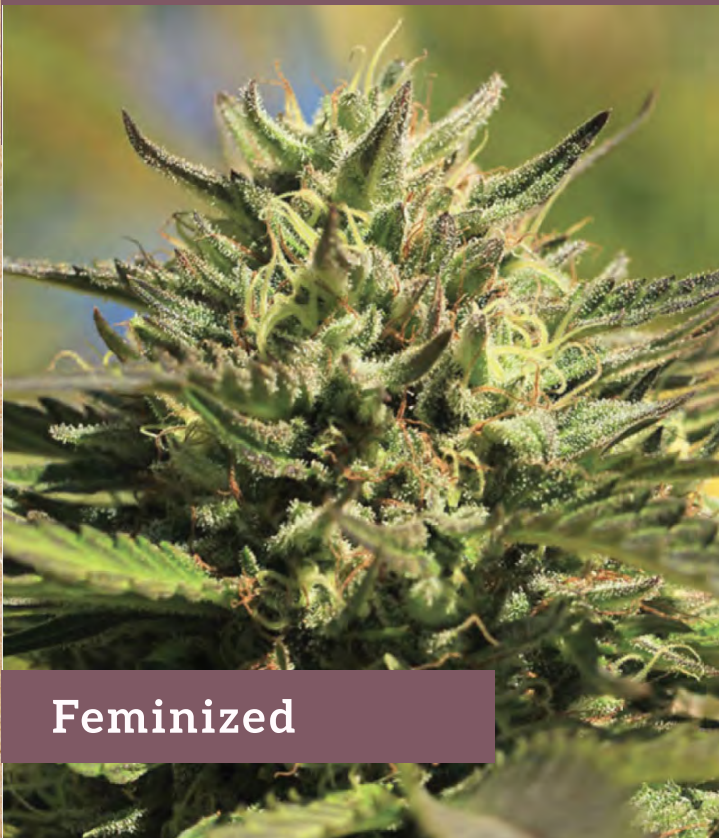
FLOWERING TIME 60 DAYS
**70% INDICA 30% SATIVA | POTENT,
HEADY, AND RELAXING |**
HUGE PRODUCTION |
GREAT SMELL | COMPARATIVELY
EARLY | F3



Come live the Humboldt Dream with our improved take on the legendary Blue Dream. This extremely vigorous plant will exceed even the novice gardener's greatest expectations. They can reach well over 15ft in height/width, and yield over 10lbs per plant when placed directly in the ground. This strain has proven to be exceptionally pest and disease resistant, even when surrounded by infected plants. Its sweet berry smell comes in part from its high levels of Myrcene.

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH

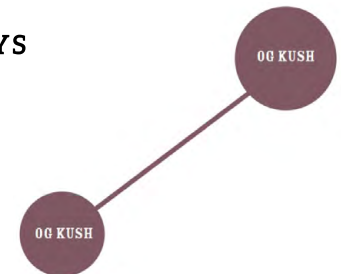


Feminized

OG Kush

LEGENDARY STRAIN

FLOWERING TIME 60 DAYS
70% INDICA 30% SATIVA
HEADY & POWERFUL
EASY TO GROW AND
STURDY | F5



OG Kush is easy to grow early. It is more productive than other OG phonemes, but with the same gassy smell. This is a powerful strain that won't leave you hanging when it comes to stem strength.

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH

PHOTOPERIODIC FEMINIZED



Feminized

Strawberry Cheese Cake

ORIGINAL STRAIN

DESSERT
FRESH
BERRY

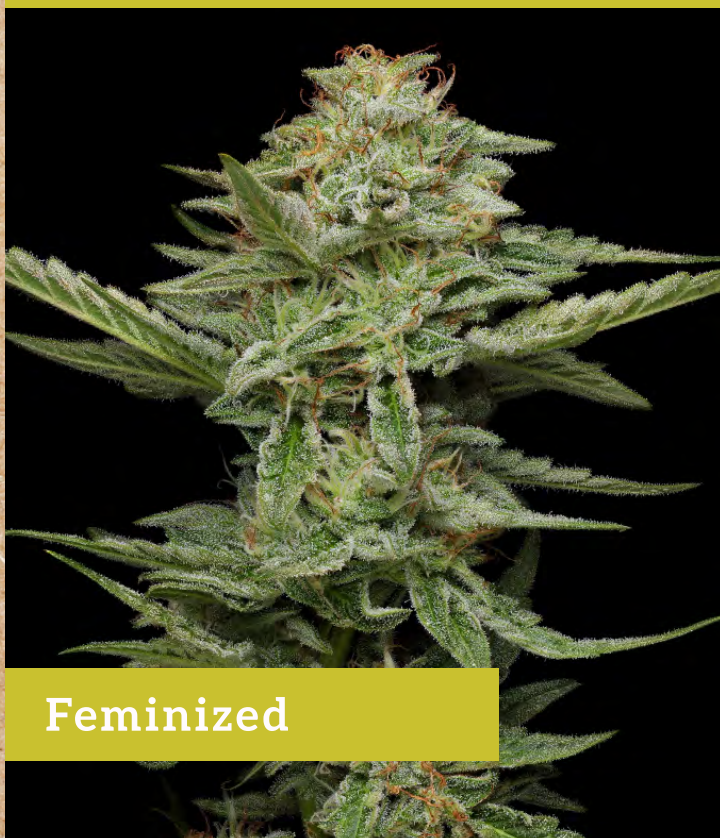
FLOWERING TIME 65 DAYS
INDICA (70% INDICA 30%
SATIVA) | AVG. THC 28-30% |
MODERATE VARIATION |
SMOOTH AND SWEET



Years in the making, Strawberry Cheesecake is the most decadent in her class. The result of generations of backcrossing our P.P.D. and the Forum Cut of G.S.C, you get all the density of G.S.C. mixed with P.P.D.'s outrageous sweetness. Powerful notes of strawberry jam mixed with underlying tones of buttery cheese give this variety its delicious name. Huge trichome production accompanied with balanced uplifting effects make Strawberry Cheesecake perfect for a day of exploring.

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH



Feminized

Pistachio

ORIGINAL STRAIN

ROASTED NUTS
GAS
PISTACHIO ICE CREAM

FLOWERING TIME 65 DAYS |
INDICA (65% INDICA
35% SATIVA) | AVG. THC 24-28%
MINOR VARIATION |
HIGH YIELD, GASSY, FROSTY

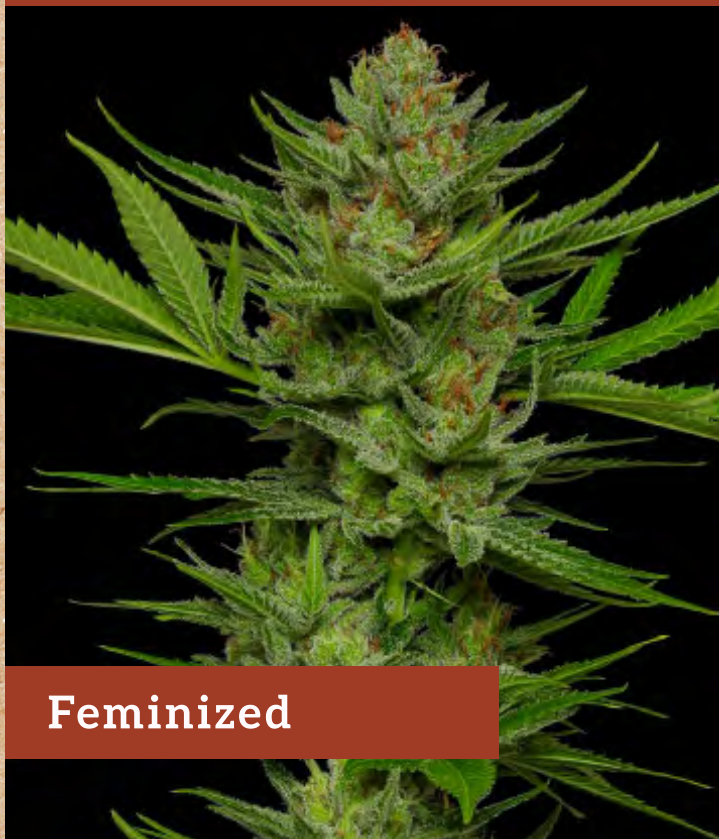


Unicorns do exist... at Humboldt Seed! Pistachio was the frostiest strain at our Eastern Humboldt anchor breeding facility during our 2019 phenotype mega-hunt. IT also has an impressively pungent nutty/gassy nose with pistachio ice cream undertones. Growth habits are similar to the cookies genre but with an improvement in trichome content and yield. Expect tall upright growth with strong stalks requiring less than average trellising. Pistachio is a mold-resistant strain, suited for fall season outdoor, indoor, or even light dep (as always, drop light hours gradually when transitioning into flower). You'll go nuts when you see how amazing Pistachio comes out!

PHOTOPERIOD DEPENDENT

🕒 MID SEASON | OCT 1ST-15TH

PHOTOPERIODIC FEMINIZED



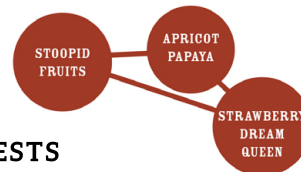
Feminized

Stoopid Fruits

ORIGINAL STRAIN

PAPAYAS
STRAWBERRY
MANGO

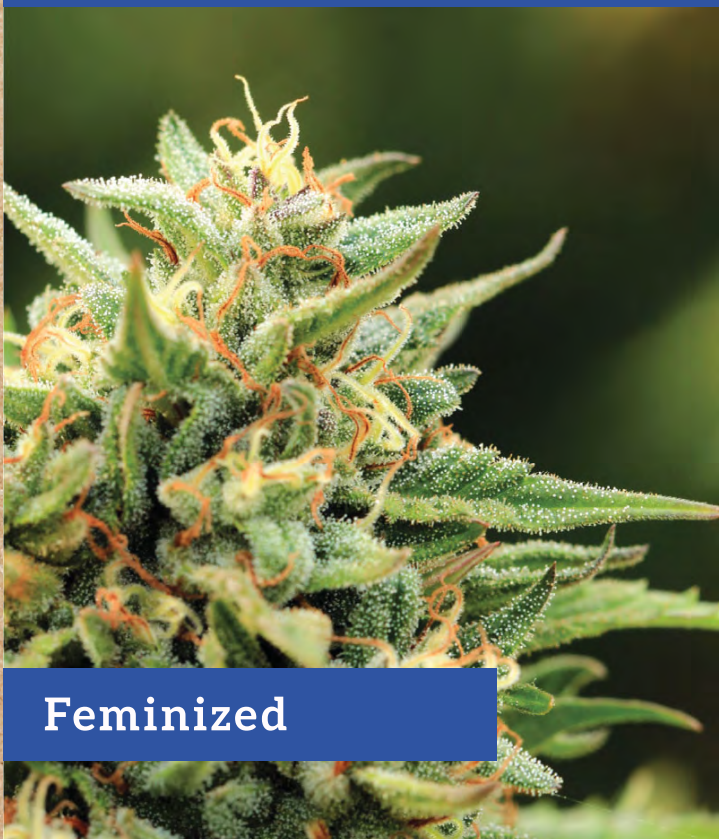
FLOWERING TIME 65 DAYS |
20% INDICA 80% SATIVA |
TROPICAL FRUIT FLAVORS |
UPLIFTING AND HAPPY |
LIME GREEN TRICHOME FORESTS



When Slightly Stoopid asks you to breed a strain, you get right on it. Selecting the genetics felt like being in the studio with the band and we treated it with that reverence. On the tour bus, we discovered frontman Kyle McDonald loves that Sweet Sensi. We embarked on a breeding tour to capture the beach vibes they bless their crowds with. We've played Slightly Stoopid on our farm for years, so our genetics knew just what to do. You'll ride waves of huge nuggets as Stoopid Fruits outgrows your expectations.

PHOTOPERIOD DEPENDENT

🕒 LATE & WORTH THE WAIT | OCT 30TH-NOV 5TH



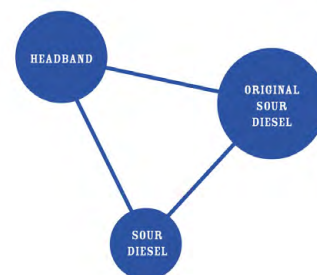
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Cali Sour Diesel

LEGENDARY STRAIN

CREAMY
VANILLA

FLOWERING TIME 70 DAYS
20% INDICA 80% SATIVA |
HUGE PRODUCER |
AMAZING SOUR SMELL |
F5



Our California Sour Diesel is a classic and is bred to grow and grow. It has a sour lemon citrus fuel smell and is helpful for relaxing and as an appetite stimulant.

PHOTOPERIOD DEPENDENT

🕒 LATE & WORTH THE WAIT | OCT 15TH-25TH

Pricing

Quantity

Price Per Start

1-2k

\$2.10

2-5k

\$1.70

5-25k

\$1.30

25-85k

\$1.10

85-100k

\$.95

ORDERING REQUIREMENTS

- California Cultivation/Nursery License.
 - 50% Deposit.
- We offer in-house shipping throughout California.
 - 1,000 plugs per varietal minimum.

CONTACT INFO

Starts@HumboldtSeedCompany.com

Shipped Via Licensed Transport in California
License #CCL18-0000267

ORDER NOW

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