



*Royale*  
**BOTANICALS**

**HEMP VARIETAL CATALOG  
& GROWER'S GUIDE**



## ROYALE BOTANICALS:

# FOCUSED ON YOUR SUCCESS!

- ✓ Superior hemp harvest results start with the highest quality hemp clones
- ✓ Hemp clones deliver optimal results because they are genetically superior to seeds and seed starts
- ✓ Our quality clones deliver outstanding field results and harvest yields
- ✓ We provide exceptional genetics, premium plant quality and help you pick the right hemp plants for your growing region

## WHY RB CLONES?

When you want superior results, start with the right inputs. Royale Botanicals hemp clones deliver above and beyond common hemp seeds, here's the difference:



### HEMP CLONES

- ⊕ 0% chance of Hermaphrodites
- ⊕ Living plants that are genetically identical
- ⊕ No pollination
- ⊕ Zero Risk of Seeds
- ⊕ Uniform growth habit
- ⊕ Identical Flower response
- ⊕ Specific Harvest timing
- ⊕ Minor Difference in CBD content
- ⊕ Harvested Flower can be smokable
- ⊕ Biomass will have Higher CBD %
- ⊕ All THC % the same in every plant
- ⊕ Manageable risk of compliant crop



### HEMP SEEDS

- ⊖ Due to genetic variation a % will be Hermaphrodites
- ⊖ Low germination rate and phenotype plant variability
- ⊖ Pollination from Hermaphrodites
- ⊖ High risk of seeds in flower buds
- ⊖ Various growth habits
- ⊖ Variable flower response
- ⊖ Complicated Harvest window
- ⊖ Massive differences in CBD content
- ⊖ Seeded Flower buds not suitable for smokable
- ⊖ Biomass will have lower CBD %
- ⊖ Possible high THC (2%-3%) in one Phenotype
- ⊖ High Risk that crop will go hot

## ROYALE BOTANICALS CLONES

# MORE 'BANG' FOR YOUR BUCK

Are clones worth the extra money? The answer is 'yes!' The benefits of Royale Botanicals' clones extend to your bottom line by ultimately delivering higher levels of valuable cannabidiol versus seedlings. Here's the basic math:

	CLONE	SEEDLING
Plants per Acre	3,000	3,000
Average Cost per Plant	\$1.25	\$0.50
Total Plant Cost per Acre	\$3,750	\$1,500
Lbs. of Biomass per Plant	1	1
Lbs. per Acre	3,000	3,000
Avg. CBD %	11	7
Price per Point of CBD %	\$0.25	\$0.25
Price per Lbs. of Biomass	\$3.25	\$1.75
Sales per Acre	\$9,750	\$5,250
Gross Profit	\$6,000	\$3,750

Difference of Gross Profit per acre of clone v. seedling (assuming seedling crop has zero seed weight to shed)

**\$2,250**

**DIFFERENCE OF GROSS PROFIT ON 40 ACRES**

**\$90,000**

## WHO IS ROYALE BOTANICALS?

### HERITAGE

Royale Botanicals is a third-generation greenhouse grower, with 25+ years of experience in the industry, passionate about producing clean, healthy plants. Our mission is consistency, transparency, and reliability, with our main focus being customer satisfaction and success.

### FACILITIES

Our 650,000+ sq. ft. state-of-the-art facility features various environmentally-friendly elements including energy-efficient furnaces, controlled automated irrigation systems, networks designed to utilize recycled water, and environmentally-conscious growing mediums. Also, we purchase energy-efficient materials from local companies whenever possible.

### QUALITY

Our dedication to innovation means we staff our greenhouses with distinguished experts in the field. Implementing cutting-edge technology and staying on the cusp of sustainability practices propels us forward. Our investment in innovation translates into top-of-the-line care for our plants, which results in the product integrity our customers depend on.



ROYALE BOTANICALS

# WHAT MAKES OUR CLONES BETTER?

We pride ourselves on transparency so you can rest assured you're receiving the highest quality and superior performing hemp clones on the market.



Royale Botanicals offers cultivars delivering superior CBD, CBG and smokable harvest results for any field location, growing conditions or specific grower challenge.



## 2022 VARIETAL OFFERINGS

# CBD CULTIVAR: CHERRY ABACUS



### HABIT:

This favorite is quite vigorous with a well-balanced, sturdy, upright, V-shaped habit. Plants have strong stems and are well branched, giving them excellent wind and rain tolerance. Excellent performance across all growing regions due to its resistance to powdery mildew and botrytis bud rot. Stems, leaf petioles, and flower buds can show some purple striping, which we attribute to a great terpene profile. Plants grow to a sturdy 4 feet tall by 4 feet wide, making this cultivar suitable for both, machine and hand harvest.

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 14 hours and 30 minutes. It finishes relatively quickly, coming to full maturity in only 7 weeks. The only downside for this cultivar is its high day length requirement to stay vegetative, making it difficult to obtain large plant size when grown in southern latitudes (AL, TX, FL, etc.).

### FLOWER STRUCTURE:

Plants exhibit large, dense buds. Bud density is among the best and really makes this strain special. Besides being great for biomass, this cultivar is also a great smokable variety. Its flower structure is green in color, and can show some purple coloring – especially when exposed to cool temperatures, which helps accentuate its unique terpene profile.

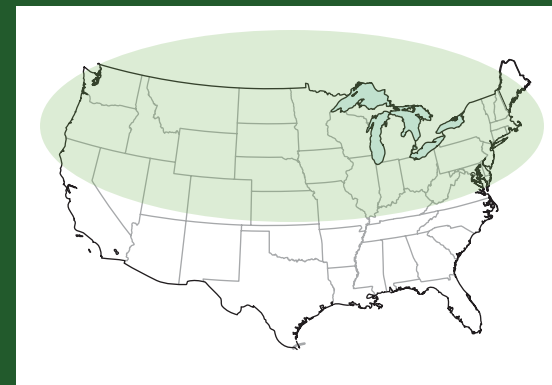
This variety yields exceptionally well, with high flower-to-biomass ratios. CBD:THC ratios should be expected in the range of 30:1 to 35:1 and this cultivar stays in compliance throughout the crops flowering cycle. Full term CBD harvest range from 15-17%, making this a high CBD producer.

## CERTIFICATE OF ANALYSIS

Scan the QR code below for more info.



Total Cannabinoids	
Analyte	Total*
THC	0.33%
CBD	10.24%
CBG	0.29%
CBC	0.45%
CBDV	<LOQ



## BEST GROWTH ZONES:

Northern  
Geography

## 2022 VARIETAL OFFERINGS

# CBD CULTIVAR: ROYALE ICING



### HABIT:

Royale Icing displays a A-shaped growth habit. Branching starts low to the ground, giving this strain excellent wind tolerance. Plants do not grow exceedingly tall, the bushy, uniform habit maximizes field surface area, making it easy to farm and harvest. This cultivar is a great choice for machine harvesting. It is also an excellent choice for smokeable grade flower, it has a unique nose that smells like cake.

Leaf size is average compared to other cultivars and dark green in color. Plants grown in the proper region grow 4-5 feet tall, by 3-4 feet wide.

### FLOWER STRUCTURE:

Plants exhibit a large quantity of smaller sized, dense buds. The flower is bright green in color, coated with crystals. This variety yields exceptionally well, with high flower to biomass ratios. CBD:THC ratios should be expected in the range of 30:1. Full term CBD harvest range from 15-18%.

### DAY LENGTH TIMING:

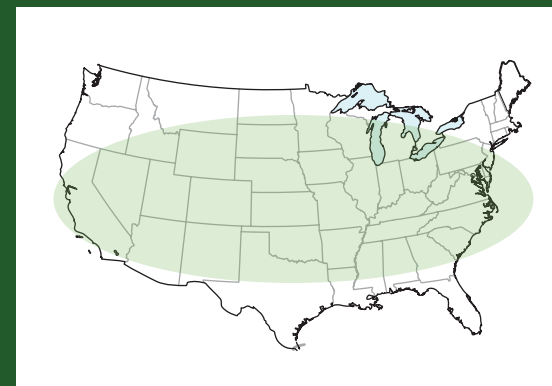
Plants initiate their flowering cycle when total day length drops to 14 hours and take a total of 8 weeks for full flower maturity, making this cultivar a great choice for middle latitudes.

## CERTIFICATE OF ANALYSIS

Scan the QR code  
below for more info.



Total Cannabinoids	
Analyte	Total*
THC	0.33%
CBD	9.24%
CBG	0.28%
CBC	0.72%
CBDV	<LOQ



## BEST GROWTH ZONES:

Middle  
Geography

## 2022 VARIETAL OFFERINGS

# CBD CULTIVAR: DUTCH DOMINATION



### HABIT:

This cultivar lives up to its name by exhibiting exceptionally high vigor and fast establishment. Plants grow upward, then outward and can grow quite large making it an excellent fit for field production. Leaf size is large and medium green in color. Plants grown in the proper region grow 4-5 feet tall, by 4-5 feet wide.

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 13 hours and 45 minutes and take 8 weeks to come to full maturity.

### FLOWER STRUCTURE:

Long, dense buds pack on weight late into the flowering cycle, making this cultivar an extremely heavy yielder. Flower structure is light green in color with heavy amounts of trichomes, and buds finish almost completely green. In addition, the buds exhibit a pleasant, sweet smell, similar to that of a melon or mango, making this cultivar a highly desirable smokable variety, on top of being great for CBD biomass.

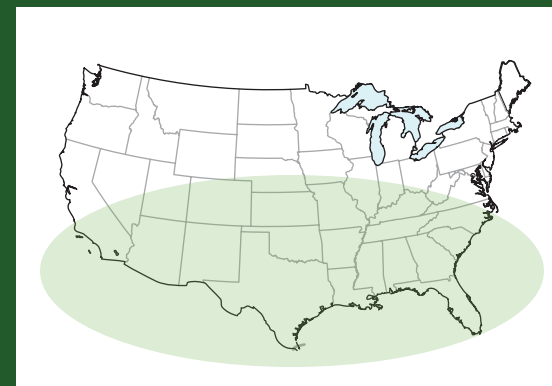
CBD:THC ratios should be expected around 30:1. Full term CBD harvest range from 11-13%. As a bonus this cultivar also produces a certain % of the CBG and CBC cannabinoids. With large buds, high resin production and great overall cannabinoid content, this exceptional cultivar will truly Dominate!

## CERTIFICATE OF ANALYSIS

Scan the QR code below for more info.



Total Cannabinoids	
Analyte	Total*
THC	0.31%
CBD	9.22%
CBG	0.91%
CBC	3.21%
CBDV	<LOQ



## BEST GROWTH ZONES:

Southern  
Geography

## 2022 VARIETAL OFFERINGS

# CBG CULTIVARS: NORTH & SOUTH

## ROYALE G — NORTH

### HABIT:

Medium vigor plants with a tall, upright habit. Plants have strong stems that exhibit good wind tolerance. Proper day length is essential to allow for vegetative growth, as the critical day length requirement for this strain is high. Leaf size is large and medium green in color. Plants grown in the proper region grow 3-4 feet tall, by 3-4 feet wide.

### FLOWER STRUCTURE:

Plants exhibit large, dense buds. Flower structures are green in color. This variety will be 100% THC compliant, as it never gets above 0.10% THC. This is an exceptionally unique strain that produces both CBD and CBG, so the oil content for each plant will be extremely high. At full term, this cultivar produces CBG levels around 12-14% and CBD levels around 3-4%.

### DAY LENGTH TIMING:

As mentioned above, this plant requires extremely long days to stay vegetative, so it is best grown in the very northern regions of the county (WA, MT, MI, NY) as plants initiate their flowering cycle when total day length drops to 15 hours and take a total of 8 weeks for full flower maturity.

## ROYALE G — SOUTH

### HABIT:

Highly vigorous plants with a tall, upright habit. Plants are quite large with strong stems that exhibit good wind tolerance. Due to the high amount of vegetative growth, this strain can also withstand early hail damage, with time and ability to regrow. Leaf size is large and medium green in color. This strain puts on a lot of vegetative growth and finishes as thick bushes. Plants grown in the proper region grow 4-5 feet tall, by 4-5 feet wide.

### FLOWER STRUCTURE:

Plants exhibit large, dense buds. Flower structures are green in color. This variety has shown complete THC compliance, with none detected throughout its flowering cycle. The only cannabinoid this strain produces is CBG – with a range of 12-14% at full maturity.

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 13 hours and 30 minutes, and take 9 to 10 weeks for full flower maturity – making this strain perfect for southern latitudes.

## ROYALE G — NORTH



Scan the QR code to access the COA.



## ROYALE G — SOUTH



Scan the QR code to access the COA.





## 2022 VARIETAL OFFERINGS

# ROYALE BOTANICALS SMOKABLE CULTIVARS

## DUTCH DELIGHT

### HABIT:

Our most popular smokable variety! This cultivar has gained a cult-like following in the smokable market and for good reason. It stays on the smaller side with a tidy, controlled habit. Sporting a rounded shape, this variety performs well in greenhouse and indoor environments. Leaf size is small to medium and is medium green in color. This strain is perfect for growers with efficiency in mind.

### FLOWER STRUCTURE:

Plants exhibit many very dense buds. Flower structures are lime green in color, with white pistils. This is a premium smokable strain with a great terpene profile and excellent jar appeal. Expect CBD:THC ratios to be 35:1 or higher. Total CBD at full term harvest averages 14-16%.

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 13 hours and 45 minutes and take a total of 9 weeks for full maturity.

## SUVER HAZE

### HABIT:

Large plants with a vigorous and strong, V-shaped habit. Stems have well balanced, strong branching. The ample space between them allows for great airflow, making this cultivar resistant to most fungal pathogens. Stems are strong, which allows for easy SCROG training when growing for smokable. Leaf size is large and medium green in color.

### FLOWER STRUCTURE:

Plants exhibit large, dense buds. Flower structures are green in color and sparkle with crystal trichomes. This is a premium smokable strain with high display quality. Expect CBD:THC ratios to be 25:1 to 30:1. Total CBD at full term harvest averages 17-20%! Plants tend to go above 0.3% THC. Monitoring of THC levels as you get close to harvest is needed to maintain compliance.

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 14 hours and 45 minutes, and takes a total of 8 weeks for full maturity.

## DUTCH DELIGHT



Scan the QR code to access the COA.



## SUVER HAZE



Scan the QR code to access the COA.



## 2022 VARIETAL OFFERINGS

# ROYALE BOTANICALS SMOKABLE CULTIVARS

## ABACUS

### HABIT:

This cultivar's unique growing habit (tall, skinny with large dense buds) makes it ideal for high density planting. Plants have ample airflow even when planted very tightly together, helping prevent fungal pathogens. Leaves are small and dark green in color; stems and petioles are purple.

### FLOWER STRUCTURE:

Plants produce very large, dense buds. The finished bud structure has a unique coloration of white, dark green and purple. Another attribute is the appealing scent which intensifies if grown cool near harvest. Expect CBD:THC ratios to be in the range of 30:1 to 35:1. One of the best smokables on the market with total CBD content at full maturity at 15-17% and a very high terpene profile.

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 14 hours and 45 minutes, making it one of the earliest cultivars to initiate. Full flower maturity is 9 weeks.

## DAZZLING DUTCHESS

### HABIT:

This cultivar grows in an orb like shape with medium sized plants. Excellent branch structure and internodal spacing allows for ample bud formation without sacrificing light to lower branches. Leaf size is large and dark green in color. Plants can reach 5 feet tall and 4 feet wide when grown in an ideal

### FLOWER STRUCTURE:

Plants produce large, dense buds, held up by strong stems. Flowers are bright green in color, almost white, with a sweet scent. This is a premium smokable strain with great jar appeal. Expect CBD:THC ratios to be 25:1 to 30:1. Total CBD at full term harvest averages 15-17%. With this plants light green color, dense bud structure and sweet, intoxicating aroma, it truly checks all the boxes for top tier smokeable flower!

### DAY LENGTH TIMING:

Plants initiate their flowering cycle when total day length drops to 13 hours and 45 minutes and take a total of 8 weeks for full maturity.

## ABACUS



Scan the QR code to access the COA.



## DAZZLING DUTCHESS



Scan the QR code to access the COA.



# ROYALE BOTANICALS HEMP CLONES\*

# 2022 PRICE LIST

## Conventional Clones

DEEP CELL ELLE POT 72 TRAY

► SOLD AS A 70 COUNT

PRICE PER CLONE	ORDER QTY.
\$1.50	1,000–29,999
\$1.25	30,000–99,999
\$0.99	100,000+

## Organic Clones

DEEP CELL ELLE POT 72 TRAY

► SOLD AS A 70 COUNT

PRICE PER CLONE	ORDER QTY.
\$2.00	1,000–29,999
\$1.75	30,000–99,999
\$1.50	100,000+

### REQUIREMENTS:



- Minimum order of 1,000 units by product line
- \$200 handling fee for orders under 1,000
- To place an order, all customers must:
  - Have a valid Hemp license from their state
  - Fill out and sign a Purchase order for every order request
  - Sign our General Terms & Conditions document
- Visit [royale-botanicals.com](http://royale-botanicals.com) for more info

### SHIPPING:



- We ship plants nationwide:
- All deliveries made via climate-controlled trucks
- Plants ship on custom racking or in boxes depending on order size
- Visit [royale-botanicals.com](http://royale-botanicals.com) for more info

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**(704) 807-4463**

OR **SCHEDULE A TIME  
FOR A CALL**

Scan the QR code to schedule a call with our sales experts. All you have to do is choose the day and time that works best, and we'll call YOU!



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If you have any questions or prefer to contact us by email, drop us a line at:  
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# Royale BOTANICALS

Contact us, visit our website, or follow us on social media for helpful information and farming tips!

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