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ABOUT ARCA- DIA

CROP INNOVATION

At Arcadia, we use science to enhance the quality and nutritional value of crops in order to deliver unique health and wellness benefits in consumer products. We're experts in innovating crops and providing high-value, healthy ingredients to help meet consumer demands for a healthier lifestyle. Our technologies enable farmers around the world to be more productive amidst challenging regulations along with economic and environmental conditions.

SCIENTIFIC LEADERSHIP

Whether optimizing crops for higher nutritional value, improving climate resiliency, or maximizing yield, shelf-life, and oil content, our know-how is unparalleled. Together, the scientific leadership team at Arcadia carries more than 100 years of combined experience in both university and corporate research with proven track records in crop innovation. Since 2002, our team has established Arcadia as a pioneer in high-value agricultural productivity traits. With global R&D headquarters located in Davis, California, we're uniquely positioned to collaborate with leading agriculture research universities while helping growers succeed through quality products and supportive partnerships.

CORE STRENGTHS



TRANSPARENCY



INNOVATION



SUPPORT



INTEGRITY

VARI- ETIES

OVERVIEW

Our varieties are grower-proven varieties that are improved through our proprietary seed production processes and seed conditioning program. With valuable attributes and consistent performance, our varieties meet our strict quality requirements and are tested each season for compliance and performance.

Our GoodHemp seed offerings focus on cannabinoid production and are designed anticipating USDA guidance for hemp production, emphasizing compliance to THC constraints and managing for grower profitability.

We also offer developmental varieties. Please ask your GoodHemp representative for details and availability.



U M P Q U A

SUMMARY:

Umpqua is our flagship variety. It is a stable hybrid derived from inbred parent lines with autoflower lineage giving farmers an early finish and provides consistent high yields. Umpqua has a Christmas tree-like structure with a dominant leader, tight internodes and produces tons of beautiful dense flowers. Umpqua has been grown successfully across the U.S. and is sought after for distillate and smokable flower for its consistent high amounts of compliant CBD.

PRODUCT HIGHLIGHTS:






- An intermediate hemp variety with an auto-flower in its lineage
- Dense, green-to-yellow flowers for smokable hemp production
- Known for a citrusy, smooth-diesel flavor
- CBD in the 10-15% range
- Available as seedlings

CERTIFICATION:
AOSCA pending

TERPENE PROFILE:

Intense peppery nose with a piney finish. Her extremely high terpene profile is truly unique loaded with Caryophyllene, Myrcene and Guaiol.

SUGGESTED PLANTING RATE (PER ACRE)	PRODUCT FORMAT	SEASON LENGTH	ANTICIPATED YIELD	CBD: THC RATIO	AVAILABLE	DAYLENGTH SENSITIVITY	USAGE
Contact us for more info	Seedlings	Will vary per region	2-2.5 lbs per plant	28:1	Now, contact us for more info	Short day photoperiod	Extract & smokable flower

<i>Early</i>		<i>Mid-Season</i>		<i>Bud/Harvest</i>	
					
♀ FEM	99%	FLOWER ONSET	6 wk.	YIELD/PLANT	2 lbs.
SUGGESTED SEED RATE 		DISEASE RESISTANCE: Early harvest gives this variety disease resistance HEIGHT 		RATIO 28:1 FLOWERING Umpqua flowers when daylight reaches 15.5 hours or less	

SANTIAM

SUMMARY:

Santium was selected for high yield, consistency and early finishing. The result is a full-season hybrid with an upright conical structure and a surprisingly early finish for a full-season variety. Santiam provides large dense flowers with a pungent odor and beautiful pink pistils. Santiam is pound for pound our highest yielder of flower. Perfect for the flower market or biomass.






CERTIFICATION:

AOSCA pending

TERPENE PROFILE:

Up front on the nose is an intense spicy aroma. Santiam's finish transports you to a forest in the springtime with a bombing fresh flower finish. This variety is also high in Caryophyllene, Bisabolol, and Guaiol

SUGGESTED PLANTING RATE (PER ACRE)	PRODUCT FORMAT	SEASON LENGTH	ANTICIPATED YIELD	CBD: THC RATIO	AVAILABLE	DAYLENGTH SENSITIVITY	USAGE
Contact us for more info	Seedlings	Will vary per region	2-2.5 lbs per plant	28:1	Now, contact us for more info	Short day photoperiod	Extract & smokable flower

<i>Early</i>		<i>Mid-Season</i>		<i>Bud/Harvest</i>	
					
♀ FEM	99%	FLOWER ONSET	7 wk.	YIELD/PLANT	2.5 lbs.
SUGGESTED SEED RATE 		RESISTANCE: Heat and cold stress resistant. HEIGHT 6 feet 		RATIO 28:1 FLOWERING Santiam flowers when daylight reaches 14.75 hours or less	

ROGUE

SUMMARY:

Rogue is a stable hybrid derived from inbred parent lines selected for yield and rapid plant growth. She has a loose plant structure and a round shape with impressive dense greenish-red flowers. Expect lots of dense medium sized flowers ideal for the flower market. Rogue also has the highest CBD potency of our varieties which makes her ideal for the oil market.

PRODUCT HIGHLIGHTS:






- Very uniform variety delivered as F1 from stable parents
- Known for reddish-green flowers
- CBD:THC ratio in the 28:1 range
- CBD levels near 10%.
- Available as seedlings

CERTIFICATION:
AOSCA pending

TERPENE PROFILE:

Greenish-red flowers with long nodes lead to a subtle caramel aroma with a sweet floral finish. Rogue has a Bisabolol and Caryophyllene profile that is truly one of a kind

SUGGESTED PLANTING RATE (PER ACRE)	PRODUCT FORMAT	SEASON LENGTH	ANTICIPATED YIELD	CBD: THC RATIO	AVAILABLE	DAYLENGTH SENSITIVITY	USAGE
Contact us for more info	Seedlings	Will vary per region	2–2.5 lbs per plant	28:1	Now, contact us for more info	Medium day photoperiod	Smokable flower & biomass production

<i>Early</i>		<i>Mid-Season</i>		<i>Bud/Harvest</i>	
					
♀ FEM	99%	FLOWER ONSET	6 wk.	YIELD/PLANT	2 lbs.
SUGGESTED SEED RATE 		DISEASE RESISTANCE: Long nodes give Rogue good airflow and disease resistance. HEIGHT 5 feet 		RATIO 28:1 FLOWERING Rogue flowers when daylight reaches 14 hours or less	



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