GOODHEMP™. GREAT PARTNER. BEST GENETICS.

GoodHemp™ varieties finish EARLY and finish STRONG. They're grower-proven, improved through our seed production and seed conditioning programs. With valuable attributes and consistent performance, our varieties meet strict quality requirements and are tested each season for compliance and performance.

- AOSCA approved varieties
- 99.9% feminized seeds
- Exceptional germination rates
- Early finishing

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

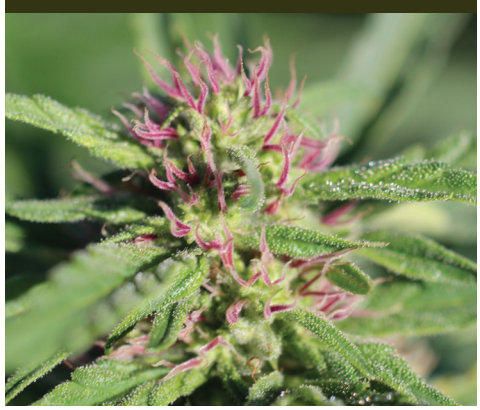
ROGUE™

- 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 seed or seedlings

UMPQUA™

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

SANTIAM™



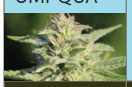
- Full-season hybrid
- High yield, consistent and early finisher
- Large, dense flowers and pink pistils
- Pound for pound our highest yielder of flower
- CBD:THC ratio in the 28:1 range
- Available as seed or seedlings

PRODUCTS WITH NO COMPARISON

Our new products have been tested to reveal that industrial hemp production can be consistent in height, biomass and timing, as well as regulated CBD and THC levels. We have early finishing, reliable genetics.

AOSCA APPROVED VARIETIES

When you choose GoodHemp varieties, you have the confidence of knowing you're using varieties approved by the Association of Official Seed Certifying Agencies (AOSCA). The program recognizes varieties that are handled to maintain satisfactory genetic purity and varietal identity. Requirements for producing certified seed include special land requirements, planting eligible stock, field inspections, proper seed labeling and meeting standards based on complete lab analysis.

CULTIVAR/ ID	PRODUCT FORMAT	SEASON LENGTH	ANTICIPATED YIELD	CBD:THC RATIO	AVAILABLE	LIGHT SENSITIVITY	USAGE
ROGUE™ 	Seed or seedlings	Will vary per region	2-2.5 lbs. per plant	28:1	Now	Medium day photoperiod	Smokable flower & biomass production
UMPQUA™ 	Seed or seedlings	Will vary per region	2-2.5 lbs. per plant	28:1	Now	Short day photoperiod	Extract & smokable flower
SANTIAM™ 	Seed or seedlings	Will vary per region	2-2.5 lbs. per plant	28:1	Now	Short day photoperiod	Extract & smokable flower

Note: Contact us for suggested planting rates.

BENEFITS FOR GROWERS

- Early finishing
- Non-GMO
- Feminized seeds
- Ongoing agronomic support
- Regulatory Compliance
- Early access to reliable varieties with excellent stability
- Consistent crop yield and cannabinoid production

CORNELL STUDY: HIGH YIELD, EARLY FLOWERING

CULTIVAR/ID	CHEMOTYPE	MONOECY	FLOWERING[a]	CBD YIELD (KG)	BIOMASS:SHOOT RATIO
UMPQUA™	All III	None	Very early/early	0.133	0.87
ROGUE™	All III	None	Very early/early	0.129	0.84
DESCHUTES	All III	None	Very early/early	0.114	0.76
CHERRY 5	All III	None	Middle	0.113	0.88
TJ'S CBD	All III	None	Early	0.112	0.64

[a]Very early/early was July/August; Early was August; Middle was September; Late was October.

A Cornell University study shows early flowering and high yield as key traits for GoodHemp varieties Umpqua and Rogue. Chemotype was assigned based on CBD:THC ratio. Flowering date was assigned when clusters of pistillate flowers were observed at shoot tips. CBD yield was calculated as the product of dry stripped biomass and total CBD % in biomass. Biomass/shoot ratio is the ratio between the average total CBD % in the biomass samples and the average total CBD % in the last set of shoot tip samples. Source: Stack GM, Toth JA, Carlson CH, et al. Season-long characterization of high cannabinoid hemp (Cannabis sativa L.) reveals variation in cannabinoid accumulation, flowering time, and disease resistance. GCB Bioenergy. 2021;13:546–561. https://doi.org/10.1111/gcbb.12793

GOOD HEMP™

CONNECT WITH OUR AGRONOMY ADVISORS
FOR GROWER-TO-GROWER EXPERTISE TODAY!

www.GROWGOODHEMP.com
(844) 350–7220
goodhemp@arcadiabio.com

Arcadia® BIOSCIENCES

Please ask your GoodHemp representative for details.