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JAMAICAN LION

June 26

CBD-rich Cannabis Gets its own Category At High Times MMJ Cup

The High Times Medical Cannabis Cup has instituted a new award category: "CBD-rich." First place (9.23% CBD) went this year to a strain called "Alaskan Thunderfuck," entered by the Master Control Unit Collective. The MCUC is at an undisclosed location, on the lam from the Word Police.

Second place went to "Jamaican Lion," entered into the competition by Elemental Wellness of San Jose. "Jamaican Lion comes from Rock Bud, which won the Cannabis Cup in 2003," the grower told Project CBD, "crossed with Lion Heart, which comes from Almighty Seeds out of Quebec. It produced Mountain Lion, the mother of this plant. The Jamaican Yarders were brought straight from Jamaica. It's a Sativa that grows about 15 to 18 feet tall. They also call them 'darker,' because it gets a really dark color to it. I took the fastest flowering, most vigorous male, crossed it with my best female and had one mother left when I moved here from the East Coast three years ago."

Since no Jamaican Lion male plant exists, the grower is now crossing his Lionesses with several strains of interest, including an Omrita Rx3 from Miguel.

At the High Times Cup



Ringo with Jaime of Resin Seeds.



Debbie Goldsberry, Melissa Balin



Caroline Francesc (in straw hat) at the Harborside booth.



LIFETIME AWARD WINNERS MICHELE AND MICHAEL ALDRICH

The Release of Omrita Rx3

Miguel has decided to "share the genetics" of the CBD-rich strain now known as Omrita Rx3. (See page 12 regarding its origins.)

This spring Miguel used the pollen from his one male plant to fertilize branches from his CBD-rich females. He germinated 20 seeds in sustainable coco coir and 11 turned out to be vigorous females, which he grew out. These 11 phenotypes varied widely in CBD:THC content.

In mid-August Miguel provided Omrita clones to several participants in Project CBD —WAMM, Harborside Health Center, and the Berkeley Patients Group. Trusted growers will now produce clones so that patients will be able to grow their own Omritas by next spring, for sure.

By allowing others to grow out the plants —instead of remaining the sole source of Omrita flowers— Miguel gives up the opportunity to charge top dollar for his herb and products made from it.

Based on anecdotal reports reaching Project CBD, demand for Omrita will be strong. It is said to quell pain and intestinal disorders, while sharpening focus.

"Giving it away seemed like the right thing to do," says Miguel. "Of course I need to make a living, but if something is helping people this much, it needs to be available."

Miguel is 38 and does not have a family to support (yet). His dream is to have some arable land to farm.

Clones are also being provided to edible- and tincture makers. "The more patients that use CBD and report the effects, the more we'll know what it's good for," says Miguel.

Miguel has sought advice from California Botanicals laboratory about creating Omrita-based tinctures and salves. He has already created one for veterinary use.

This spring Miguel's beloved 12-year-old Chocolate Labrador Retriever, Samantha, was diagnosed with a cancerous mass in her jaw. It had eaten away the main TMJ joint and the vet didn't recommend chemo because if the mass shrank, there wouldn't be anything to hold the jaw in place. There have been no studies examining the effectiveness of CBD on cancer in dogs, but Miguel thought it couldn't hurt to give his Omrita a try.

He used ethanol to make an extract with a 3:1 CBD-to-THC ratio. He gave her one

California Botanicals											Berkeley, Ca. 415.260.2889		
Sample Submission Form					Results								
Client ID Number	Material Type	Sample Name	Jar Number	THCA (%g/g or mg/mL)	THC (%g/g or mg/mL)	Total THC (%g/g or mg/mL)	CBDA (%g/g or mg/mL)	CBD (%g/g or mg/mL)	Total CBD (%g/g or mg/mL)	Total CBN (%g/g or mg/mL)	Total CBG (%g/g or mg/mL)		
Omrita Rx3 by Design	Flower	Rx3	1	6.34%	0.97%	8.29%	2.91%	0.30%	8.99%	0.03%	0.18%		
	Flower	BB3	2	18.10%	0.52%	17.20%	0.07%	1.09%	1.15%	0.01%	1.34%		
"7 weeks"	Flower	BB3	5	18.80%	0.27%	15.00%	0.05%	0.70%	0.77%	0.01%	1.18%		
"7 weeks"	Flower	BB5	4	4.03%	0.10%	3.66%	8.45%	0.92%	6.33%	0.02%	0.41%		
	Flower	BB7	5	14.00%	0.76%	13.04%	0.09%	0.72%	0.49%	ND	ND		
"7 weeks"	Flower	BB7	8	13.50%	0.10%	12.00%	0.07%	0.17%	0.43%	0.03%	0.38%		
	Flower	BB9	7	6.51%	0.65%	6.44%	8.19%	0.16%	7.35%	ND	ND		
"7 weeks"	Flower	BB9	8	6.51%	0.09%	5.80%	7.35%	0.14%	6.60%	0.02%	0.24%		
	Flower	G1	9	5.18%	0.14%	4.68%	12.40%	0.88%	10.00%	0.02%	0.43%		
"7 weeks"	Flower	G1	10	5.52%	0.10%	4.95%	11.20%	0.72%	10.50%	0.04%	0.57%		
	Flower	G2	11	4.23%	0.12%	3.82%	9.15%	0.07%	4.60%	0.00%	0.08%		
"7 weeks"	Flower	G6	12	7.21%	0.12%	6.44%	7.47%	0.12%	6.67%	ND	ND		
	Flower	G6	13	7.17%	0.14%	6.43%	8.47%	0.13%	7.56%	0.07%	0.19%		
"7 weeks"	Flower	P1	14	7.30%	0.06%	6.40%	4.60%	0.03%	13.30%	0.07%	0.26%		
	Flower	P2	15	0.52%	0.05%	0.60%	3.06%	1.06%	12.51%	ND	ND		
	Flower	P3	16	2.34%	0.16%	7.47%	8.35%	0.13%	7.47%	ND	ND		

CANNABINOID CONTENTS OF OMRITA Rx3 (TOP ROW) AND OFFSPRING as reported by California Botanicals to Miguel A. The lab uses high-pressure liquid chromatography, which does not involve heating samples. THC Acid and CBD Acid are measured and THC and CBD totals projected. Flowers from 11 different plants were tested; five were tested twice, at seven weeks and at harvest (8-9 weeks). One sample, P2, had a CBD:THC ratio of 20:1. Three others are in the range of 1:20 (very high THC). In the middle range are four samples with approximately equal CBD and THC contents, and three are approximately 1:2. The remarkable P2 strain is being grown out for use in a tincture, Miguel says, and to cross with other plants in an effort to reduce THC content even further.



LOVELY OMRITA Rx3

dose (15 milligrams CBD, 5 THC) per day in her food, and occasional sublingual doses. These, he says, "definitely onset

much quicker than digestive. Her behavior while medicated is similar to humans —seeking out crumbs of food, kind of like the munchies... Hiding out in long-lost corners... playful and energetic."

The vet is aware of Miguel's unusual treatment plan and impressed by the big old Lab's response. Dogs with sarcomas don't usually have Samantha's healthy appetite, or high energy and spirits, he told Miguel. Miguel advises that Omrita grows well from cuttings, both outdoors in soil and indoors in coco, and he suggests using "Less nutrients and a slightly higher pH than normal."

Omrita is a very stout plant with strong side branching and large colas.



The Return of Stinky (Pink) Purple

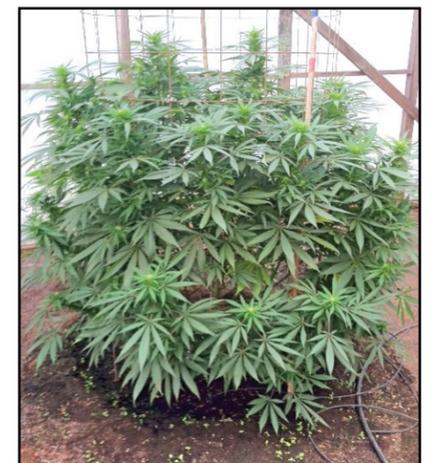
In the winter of 2009/10, Steep Hill lab tested a sample of "Stinky Purple" for Harborside Health Center and found it to contain 9.3% CBD and only 1.2% THC —the highest CBD-to-THC ratio yet observed, by far. According to Karen Byars, who had brought it in to Harborside, the breeder had not kept a mother plant.

This was very disappointing news, because Stinky Purple seemed uniquely lacking in psychoactivity. An SCC doctor treating a terminal cancer patient who disliked — and was very sensitive to— the effects of THC, was able to tolerate Stinky Purple, and used it beneficially on several occasions. (This patient had not been able to tolerate two other CBD-rich strains.)

Earlier this year, the breeder, Mark Thies of Dos Rios, located some seeds of the type that had produced his exceptional plant in '09. He sprouted them and gave four females to Byars to grow out. She arranged for Pure Analytics lab to test them when they were 16 weeks old.

"Three of the four show CBD dominance," Byars' reports. She hopes that one will equal in CBD:THC ratio the one that got away in '09. She intends to use the plants as mothers and to have flowers, tinctures and clones to distribute through her newly formed "CBD-Rich Collective" by the spring of 2012.

This is growing a male and a female for seed production. One of the parents was "Stinky Pink," he says. His cross is dubbed "Stinky Pink Purple."



STINKY PINK PURPLE female will be pollinated by "a male counterpart that looked exactly like her, with deep purple stems holding up the fan leaves," according to breeder Mark Thies.

reprint courtesy of cannabisclinicians.org

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