Agra Peet™

AGRA™ MARKETING GRP

REGISTERED ORGANIC INPUT MATERIAL cdfa

Made in USA

60 Declaration Dr., Suite A
Chico, CA 95973

530.894.1782 Office
530.894.1783 Fax

www.agramarketing.com
info@agramarketing.com

AGRA MARKETING GRP

Connecting buyers and sellers of agricultural by-products worldwide

FOR IMMEDIATE RELEASE

April 7, 2017

To Our Valued Agra Peet / Cow Fiber Customer:

In an effort to always maintain quality control on our premium Agra Peet / Cow Fiber product we had an additional independent analysis done on it by Earthfort Labs in Corvallis, Oregon.

Please review the attached letter from Matt Slaughter, President and Lab Director at Earthfort Labs and their lab results on our product.

I am confident you will find these results very interesting and helpful for your use of Agra Peet / Cow Fiber in your premium soil blends!

If you have any questions please call or email us. We appreciate your business and feedback.

Very Sincerely,

Tim Lynch
VP Marketing and Sales

Web AgraMarketing.com
60 Declaration Drive | Suite A | Chico, California 95973
Email info@AgraMarketing.com
Phone 530-894-1782 | Toll Free 855-894-1782 | Fax 530-894-1783

earthfort
635 SW Western Blvd. Corvallis, OR 97330
541-257-2612 info@earthfort.com www.earthfort.com

Agra Marketing Group
Mr. Tim Lynch
VP Marketing & Sales
60 Declaration Drive, Ste A
Chico, CA 95973

April 6, 2017

RE: Agra Peet – Cow Fiber

Dear Tim:

Thank you for sending your sample of Agra Peet to our lab. It is a very interesting substrate.

1) You have a bacterial material with a reasonable amount of fungi as well.

2) This material should make an excellent alternative to coir or peat moss which is imported from off shore or Canada, respectively. Your Agra Peet has a very good active biological component, complementing other inputs used as substrates in premium soil blends.

3) Agra Peet is nematode free.

I do not think I can say much more than this, except to give you a big thumbs up, for developing a natural and sustainable resource. This is one of the better renewable growing mediums that I have seen.

Sincerely,

Matthew Slaughter
President / Lab Director

*These statements are based on testing conducted in our lab on 3/21/2017 and should not be considered as an endorsement from the lab.

Compost Detail

Report prepared for:
Agra Marketing
Tim Lynch
60 Declaration Dr
Chico, CA 95973 USA
tim@agramarketing.com

For interpretation of this report please contact your local Soil Steward or the lab.

Report Sent: 30 Mar 2017
Sample #: 01-124864
Unique ID: Agra Peet
Invoice Number: 14645
Sample Recieved: 23 Mar 2017

Earthfort, LLC
635 SW Western Blvd
Corvallis, OR 97333
+1 (541) 257-2612
info@earthfort.com
http://earthfort.com

Assay Name	Result	Units	Desired Level	Commentary
Dry Weight	0.70	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	7.16	µg/g	> 3.00	Fungal activity within normal levels. -
Total Fungi	528.73	µg/g	> 300.00	Good fungal biomass. - Good fungal diversity, hyphal diameter: 1.5 to 7.5um
Hyphal Diameter	2.90	µm	> 2.50	Good balance of fungi. -
Active Bacteria	241.37	µg/g	> 3.00	Bacterial activity within normal levels.
Total Bacteria	3,927.00	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	22.92	µg/g	< 20.00	
TF/TB	0.13		0.01 to 10.00	Bacterial dominated.
AF/TF	0.01		< 0.10	Good fungal activity.
AB/TB	0.06		< 0.10	Good bacterial activity.
AF/AB	0.03		0.01 to 10.00	Bacterial dominated, becoming more bacterial.
Flagellates	**39.90**	MPN/g	> 10,000.00	Lacking species diversity.
Amoebae	**1,975.15**	MPN/g	> 10,000.00	
Ciliates	0.00	MPN/g	< 20.00	
Nitrogen Cycling Potential	<25	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
Nematodes	**0.00**	number/g	> 10.00	None observed
Bacteral		number/g		
Fungal		number/g		
Fungal/Root		number/g		
Predatory		number/g		
Root		number/g		
E.coli	Not Ordered	CFU/g	< 800.00	For most areas, the maximum E.coli CFU/g is 800 - 1000. Please check your local regulations for more information. -
pH	Not Ordered			
Electrical Conductivity	Not Ordered	µS/cm	< 1000.00	

Compost Notes:

Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 04/26/2017
Date Submitted 04/20/2017

To: Del McGill
Agra Marketing Grp
60 Declaration Dr Ste.A
Chico, CA 95973

CONFIDENTIAL
TRADE SECTRETS
OF
AGRA MARKETING GROUP

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following:
Location : AGRA PEET OR Site ID : 4/20/17. Thank you for your business.
* For future reference to this analysis please use SUN # 74048-154464.

COMPOST ANALYSIS

Physical Characteristics — Sample analysis on dry weight basis

pH	7.84	% Moisture	56.7	
Electrical Conductivity	5.21	mmho/cm		
Total Disolved Salts	3334.40	ppm		
Total Organic Matter	74.65	%	C/N Ratio (est)	22.5
Bulk Density	383	Lb./cu.yd.	Yd/Ton	5.2

Available Chemical Components

Chemical Analysis	Analytical Results	Results in lb/ton
Nitrate-N	207.71 ppm	0.42
Phosphate-P	2863.22 ppm	5.726
Potassium-K	9225.80 ppm	18.45
Sulfur-S	226.95 ppm	0.45
Magnesium	2569.95 ppm	5.14
Calcium	7592.64 ppm	15.19
Sodium	3366.85 ppm	6.73
Copper-Cu	4.47 ppm	<.01
Iron-Fe	155.62 ppm	0.31
Manganese-Mn	95.88 ppm	0.192
Zinc-Zn	49.29 ppm	0.099
Boron-B	10.57 ppm	

Total Chemical Components

Chemical Analysis	Analytical Results	Results in lb/ton
Total-N	2.06 %	41.20
Phosphate-P	1.20 %	24.00
Potassium-K	1.09 %	21.80
Sulfur-S	0.44 %	8.80
Magnesium	1.60 %	32.00
Calcium	4.15 %	83.00
Sodium	0.30 %	5.91
Copper-Cu	19.96 ppm	<.01
Iron-Fe	6663.88 ppm	13.33
Manganese-Mn	367.60 ppm	0.74
Zinc-Zn	160.22 ppm	0.32

Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 04/26/2017
Date Submitted 04/20/2017 13:23
Date Collected 04/17/2017 NA
Analysis Started 04/22/2017 08:27
ELAP Cert. # 2014

To: Del McGill
Agra Marketing Grp
60 Declaration Dr Ste.A
Chico, CA 95973

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following:
Location : AGRA PEET OR Site ID : 4/20/17.
Your purchase order number is .
Thank you for your business.

* For future reference to this analysis please use SUN # 74047-154463.

COMPOST ANALYSIS for SALMONELLA per 4 GRAM SAMPLE

Total Salmonella None Detected

Percent Moisture 56.7

Method: Enrichment: LT Broth; Selection: Selenite-Cystine Broth, XLD Agar; ID: Biochemical BBL Interotube II, Gram Stain.
Determined as received and reported on a dry weight basis.
Detection Limit for Salmonella is 0.18 MPN/4 gm.
Maximum allowable limit for Total Salmonella is 3/ 4gm (14 CCR,div 7).

Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 08/31/2016
Date Submitted 08/24/2016

To: Tim Lynch
Agra Marketing Grp
60 Declaration Drive Ste A
Chico, CA 95973

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

CONFIDENTIAL
TRADE SECTRETS
OF
AGRA MARKETING GROUP

The reported analysis was requested for the following:
Location : AGRA PEET-COWFIBER Site ID : 08-24-16. Thank you for your business.
* For future reference to this analysis please use SUN # 72670-151752.

COMPOST ANALYSIS

Physical Characteristics

Sample analysis on dry weight basis

pH	7.52	% Moisture	40.2	
Electrical Conductivity	3.05	mmho/cm		
Total Disolved Salts	1952	ppm		
Total Organic Matter	80.39	%	C/N Ratio (est)	28.2
Bulk Density	352	Lb./cu.yd.	Yd/Ton	5.7

Available Chemical Components

Chemical Analysis	Analytical Results	Results in lb/ton
Nitrate-N	0.12 ppm	<.01
Phosphate-P	629.71 ppm	1.259
Potassium-K	2900.33 ppm	5.80
Sulfur-S	0.10 ppm	<.01
Magnesium	2820.00 ppm	5.64
Calcium	9002.52 ppm	18.01
Sodium	1179.40 ppm	2.36
Copper-Cu	29.09 ppm	<.01
Iron-Fe	40.23 ppm	0.08
Manganese-Mn	39.38 ppm	0.079
Zinc-Zn	40.23 ppm	0.080
Boron-B	4.62 ppm	

Total Chemical Components

Chemical Analysis	Analytical Results	Results in lb/ton
Total-N	1.77 %	35.40
Phosphate-P	0.32 %	6.40
Potassium-K	0.32 %	6.40
Sulfur-S	0.19 %	3.80
Magnesium	0.51 %	10.20
Calcium	1.26 %	25.20
Sodium	0.13 %	2.53
Copper-Cu	125.39 ppm	0.25
Iron-Fe	1193.92 ppm	2.39
Manganese-Mn	82.22 ppm	0.16
Zinc-Zn	107.00 ppm	0.21

Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 09/02/2016
Date Submitted 08/24/2016

To: Tim Lynch
Agra Marketing Grp
60 Declaration Drive Ste A
Chico, CA 95973

CONFIDENTIAL
TRADE SECTRETS
OF
AGRA MARKETING GROUP

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following:
Location : AGRA PEET COWFIBER Site ID : 08-24-16.
Thank you for your business.

* For future reference to this analysis please use SUN # 72673-151760.

SOIL TESTED FOR EFFECTS ON GERMINATION AND EARLY PLANT GROWTH

The sample was tested for 10 days under controlled light and moisture for germination and early growth of 50 radish seeds. Results were compared to a similar evaluation run concurrently in a sand control. Growth was evaluated based on the average dried biomass of the aerial portion of the plants. No exogenous nutrient was provided to the sample under analysis. It should be noted that the control sand has adequate nutrients for normal plant growth. Sample preparation: Sample was tested as received.

RESULTS - The sample showed 125% of the control germination. The average biomass of the sample was 95% of the control.

CONCLUSION - There are likely no inhibiting factors to germination or plant growth present in this sample.

* The rate at which another plant species may germinate and grow in this soil may vary.

INTEGRITY ORGANICS

COWFIBRE

Composted Cow Manure Fiber

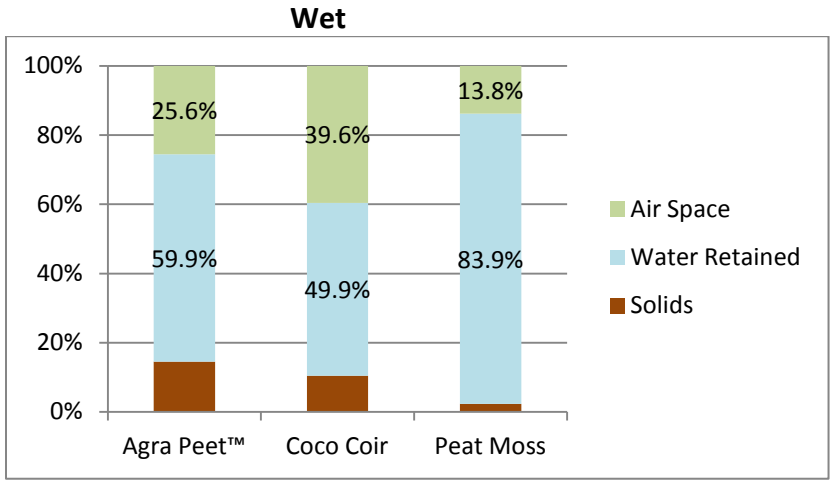
Cow Fiber is superior to Sphagnum Peat Moss as a horticultural amendment.

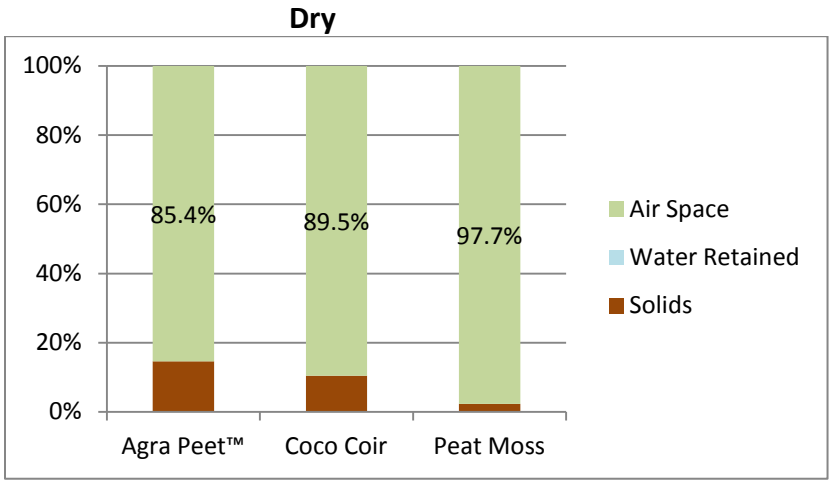
	CowFibre	Peat Moss
Renewable/Sustainable	Yes- Produced on Dairy Farms	No – Mined from Pristine Wilderness
Improves Soil Tilth	Yes	Yes
pH	8.2 – No pH adjustment required	4.1 – pH adjustment often required
Cost	Less than peat moss – stable	More expensive – Variable
Nutrient Profile	Generally 1-1-1 NPK	Generally 0-0-0 NPK
Improves Soil Fertility	Yes	No
Decomposition	Rapid and Uniform	Rapid and Uniform
Year Round Supply	Yes	No
Environmentally Friendly	Yes	No
Weed-seeds, Odor, Pathogens	No	No
Beneficial Microorganisms	Yes	No
Transportation Costs	Low – Regional Production	High – Mined in Canada
Generates Carbon Offsets	Yes	No
Water Retention	Better	Good

AUTHORIZED DEALER:
Agra Marketing Group
60 Declaration Drive, Ste A
Chico, CA 95973
(530) 894-1782
(855) 894-1782 Toll Free
EMAIL: info@agramarketing.com

Comparison of Physical Properties

	Wet Capacity				Dry		
	Agra Peet™	Coco Coir	Peat Moss		Agra Peet™	Coco Coir	Peat Moss
Density, lbs./cu. ft.	46.5	41.2	58.0		9.1	10.1	5.6
Water Retention, vol.%	59.9	49.9	83.9				
Air Space, vol. %	25.6	39.6	13.8		85.4	89.5	97.7
Water Retention, % dry wt	409	309	928				
Saturated Bulk Density, lbs./cu. ft.	62.5	65.9	66.6				





60 Declaration Dr., Suite A
Chico, CA 95973
www.agramarketing.com

530.894.1782 Office
530.894.1783 Fax

Made in USA

Product: # AGRA PEET

Ingredients: Dairy Manure

Bulk: See Invoice

Description: Drum rolled dairy manure fiber. A sustainable and renewable substitute for peat moss and coco coir.

Directions: Use **Agra Peet** as a quality input in soil blends, as a stand-alone planting medium, or as a soil amendment according to need, based on soil quality.

Made in USA

Mailing Address:

Agra Marketing Group
60 Declaration Drive, Ste A
Chico, CA 95973
(855) 894-1782

AGRA MARKETING GRP

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
FEED, FERTILIZER, AND LIVESTOCK DRUGS REGULATORY SERVICES
1220 N STREET
SACRAMENTO, CA 95814

CERTIFICATE OF REGISTRATION FOR ORGANIC INPUT MATERIALS

NON TRANSFERABLE

FIRM NO. 258330

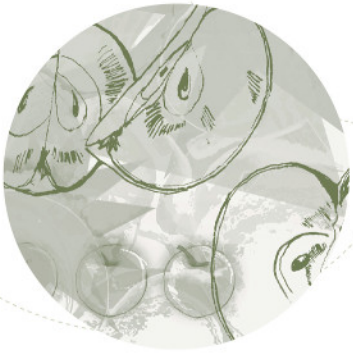
Firm

AGRA MARKETING GROUP
60 DECLARATION DRIVE STE A
CHICO, CA 95973-4921

is authorized to manufacture, deliver or sell in California the products listed below. Registration is not an endorsement by the Department of Food and Agriculture of any product or any claim made for it. No reference may be made to the State of California Department of Food and Agriculture in labeling or advertisements. Registration may be canceled after hearing at any time for just cause. The composition of each product and the label used on it must be the same as those submitted by the registrant.

Organic Input Material

1. Agra Peet. Issued: Jan 15, 2018. Expires: Jun 30, 2020.
2. MEGAMEND NATURAL MINERALS 0 - 0.186-1.3 - FIRST CRUSH (1/8" minus). Issued: Jan 12, 2018. Expires: Jun 30, 2020. *PROVISIONAL REGISTRATION*.
3. MEGAMEND NATURAL MINERALS 0-0.186-1.3 - MICROFINE POWDER . Issued: Jan 12, 2018. Expires: Jun 30, 2020. *PROVISIONAL REGISTRATION*.



OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program Rule.

Product

CowFiber

Company

Integrity Ag Systems

Tim Rensch

130 Industrial Drive

Chambersburg PA 17201 United States

Status

Allowed

Category

NOP: Compost – in-vessel or static aerated pile (plant and animal materials)

Issue date

31-May-2012

Product number

ias-2921

Class

Crop Fertilizers and Soil Amendments

Expiration date

01-Jun-2019

Restrictions

Not applicable.

Peggy Miars

Executive Director

Product review is conducted according to the policies in the current *OMRI Policy Manual*® and based on the standards in the current *OMRI Standards Manual*®. To verify the current status of this or any OMRI Listed product, view the most current version of the *OMRI Products List*® at OMRI.org. OMRI listing is not equivalent to organic certification and is not a product endorsement. It cannot be construed as such. Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a USDA accredited certification agent. It is the operator's responsibility to properly use the product, including following any restrictions.

OMRI LISTED
For Organic Use

Organic Materials Review Institute
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