

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

CannaVEST Corp.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

34546A107

(CUSIP Number)

April 1, 2013

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 34546A107

13G

1	NAME OF REPORTING PERSON PhytoSPHERE Systems, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 1,000,000
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 1,000,000
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,000,000	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11.2%	
12	TYPE OF REPORTING PERSON (see instructions) OO	

Item 1(a). Name of Issuer:

CannaVEST Corp.

Item 1(b). Address of Issuer's Principal Executive Offices:

4660 La Jolla Village Drive, Suite 500
San Diego, California 92122

Item 2(a). Name of Person Filing:

(1) PhytoSPHERE Systems, LLC

Item 2(b). Address of Principal Business Office or, if none, Residence:

2665 Ariane Drive, Suite 207
San Diego, California 92117

Item 2(c). Citizenship:

PhytoSPHERE Systems, LLC is a Delaware limited liability company.

Item 2(d). Title of Class of Securities:

Common Stock, no par value per share (the "Common Stock").

Item 2(e). CUSIP Number:

34546A107.

Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

Not applicable.

Item 4. Ownership.

(a) Amount Beneficially Owned: 1,000,000 shares of Common Stock.

(b) Percent of Class: 11.2% (1)

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

1,000,000 shares of Common Stock.

(ii) shared power to vote or to direct the vote:

0.

(iii) sole power to dispose or to direct the disposition of:

1,000,000 shares of Common Stock.

(iv) shared power to dispose or to direct the disposition of:

0.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

- (a) Not applicable.
- (b) Not applicable.
- (c) By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

Explanatory Notes:

- (1) The percentage set forth in Row 11 of the cover page and this Item 4(b) assumes that 8,900,000 shares of Common Stock were outstanding as of the date of this statement on Schedule 13G. The Issuer reported in its Annual Report on Form 10-K filed on April 16, 2013, that 8,900,000 shares of Common Stock were outstanding as of such date.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: April 22, 2013

Medical Marijuana, Inc.

By: /s/ Michelle L. Sides
Michelle L. Sides
Chairman and Chief Operating Officer