

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM628553

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ABL INTELLECTUAL PROPERTY SECURITY AGREEMENT
<b>SEQUENCE:</b>	2

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
QC LLC		02/26/2021	Limited Liability Company: MARYLAND
Verdesian Life Sciences U.S., LLC		02/26/2021	Limited Liability Company: DELAWARE
VERDESIAN LIFE SCIENCES, LLC		02/26/2021	Limited Liability Company: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	PNC Bank, National Association, as Collateral Agent
<b>Street Address:</b>	340 Madison Avenue, 11th Floor
<b>City:</b>	New York
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10173
<b>Entity Type:</b>	Bank: UNITED STATES

## PROPERTY NUMBERS Total: 79

Property Type	Number	Word Mark
<b>Registration Number:</b>	4817631	MICRO PRODUCTS, MACRO RESULTS
<b>Registration Number:</b>	4609180	SUCRASUL
<b>Registration Number:</b>	4455016	SOLU-GRADE
<b>Registration Number:</b>	2882025	HORTIMIX
<b>Registration Number:</b>	2922277	SUGROW
<b>Registration Number:</b>	2628855	QC CORPORATION
<b>Registration Number:</b>	3352949	SUCRASULFATE
<b>Registration Number:</b>	3352950	SUCRACHELATE
<b>Registration Number:</b>	2632474	DIAMOND BRAND
<b>Registration Number:</b>	5475848	PRIMACY
<b>Registration Number:</b>	5195409	NUTRIPACTION
<b>Registration Number:</b>	4930685	PEANUT POWER
<b>Registration Number:</b>	4930686	N-ROW
<b>Registration Number:</b>	5650679	MICROSYNC

OP \$1990.00 4817631

Property Type	Number	Word Mark
Registration Number:	5076350	NUTRISPHERE-N HV
Registration Number:	5581965	
Registration Number:	5581966	MICROSYNC PLUS
Registration Number:	5581967	MICROSYNC PRO
Registration Number:	5581968	MICROSYNC ULTRA
Registration Number:	4957298	PRIMACY ALPHA
Registration Number:	5492767	FLEXCONNECT
Registration Number:	4941285	
Registration Number:	6180920	TP-1000
Registration Number:	5892045	MICROSYNC COMPLETE
Registration Number:	5892046	MICROSYNC BASIC
Registration Number:	5869254	PIT PRO
Registration Number:	6043046	THE NUTRIENT USE EFFICIENCY PEOPLE
Registration Number:	5323956	GROUNDSWELL
Registration Number:	5323958	GROUNDSWELL
Registration Number:	3900438	EMINATE
Registration Number:	3925642	NUTRI PHITE ULTRA
Registration Number:	3913507	STERIC P III
Registration Number:	3913508	STERIC K
Registration Number:	3913509	STERIC S
Registration Number:	4648065	NUTRI PHITE
Registration Number:	4832072	TUXEDO
Registration Number:	4757279	PRESIDE
Registration Number:	4800047	VERDESIAN
Registration Number:	4800049	VERDESIAN
Registration Number:	3977286	N
Registration Number:	4425683	TAKE OFF MAGNUM
Registration Number:	4034638	STERIC
Registration Number:	4125840	TAKE OFF
Registration Number:	4328287	CLEARDRIP
Registration Number:	4557118	TAKE OFF PHITE MZ
Registration Number:	4557119	NUTRI-GROW MAGNUM WITH N-RICHED TECHNOLO
Registration Number:	4557120	TAKE OFF SULFONE
Registration Number:	4557121	TAKE OFF CALCI PHITE
Registration Number:	4290003	M M
Registration Number:	4233353	STERIC P LS
Registration Number:	4233354	STERIC K LS
Registration Number:	4233355	STERIC S LS

Property Type	Number	Word Mark
Registration Number:	4084613	TAKE OFF ST
Registration Number:	4314696	MM MORE THAN MANURE
Registration Number:	3977732	NUTRI PHITE
Registration Number:	4050519	MORE THAN MANURE
Registration Number:	4135147	MTM
Registration Number:	3957856	
Registration Number:	4536070	MULTI-COM GRANULAR
Registration Number:	2612196	LINEMASTER
Registration Number:	3291791	AVAIL
Registration Number:	2626400	WILT-GUARD
Registration Number:	2627733	M-P-A
Registration Number:	2473307	MAGNA PHITE
Registration Number:	2473308	NUTRI GROW
Registration Number:	3631176	STERIC MKS
Registration Number:	3691868	STERIC K DS
Registration Number:	3691869	STERIC S DS
Registration Number:	3631352	STERIC P DS
Registration Number:	2975388	CALCI PHITE
Registration Number:	3301500	NUTRISPHERE-N
Registration Number:	2691627	NUTRI-PHITE MAGNUM
Registration Number:	2694099	NUTRI-PHITE SULFONE
Registration Number:	3110609	FUNGI PHITE
Registration Number:	3124270	AVAIL
Registration Number:	3898818	N-CHARGE
Registration Number:	3694242	ACCOLADE
Registration Number:	3456558	CITRON
Registration Number:	3818298	GUARD-N

**CORRESPONDENCE DATA**

**Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 212-381-6532

**Email:** alanagramer@paulhastings.com

**Correspondent Name:** Alana Gramer

**Address Line 1:** 200 Park Avenue

**Address Line 2:** Paul Hastings LLP

**Address Line 4:** New York, NEW YORK 10166

**ATTORNEY DOCKET NUMBER:** 1334089 TM ABL

<b>NAME OF SUBMITTER:</b>	Alana Gramer
<b>SIGNATURE:</b>	/Alana Gramer/
<b>DATE SIGNED:</b>	02/26/2021
<p><b>Total Attachments: 20</b></p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page1.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page2.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page3.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page4.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page5.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page6.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page7.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page8.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page9.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page10.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page11.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page12.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page13.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page14.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page15.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page16.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page17.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page18.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page19.tif</p> <p>source=Project Vikings - ABL - Intellectual Property Security Agreement (Execution Version)(154250982_1)#page20.tif</p>	

ABL INTELLECTUAL PROPERTY SECURITY AGREEMENT

This ABL INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, this “**IP Security Agreement**”), dated as of February 26, 2021, is among the Persons listed on the signature pages hereof (collectively, the “**Grantors**”) and PNC BANK, NATIONAL ASSOCIATION, as collateral agent (the “**Collateral Agent**”) for the ratable benefit of the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, VERDESIAN LIFE SCIENCES, LLC, a Delaware limited liability company, as borrower (the “**Lead Borrower**”), the other borrowers party thereto, VLF HOLDINGS II CORP., a Delaware corporation, have entered into the Revolving Credit Agreement, dated as of February 26, 2021 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Credit Agreement**”), with each Lender from time to time party thereto, and PNC BANK, NATIONAL ASSOCIATION, as Administrative Agent and as Collateral Agent.

WHEREAS, as a condition precedent to the making of the Loans by the Lenders, the making of L/C Credit Extensions by the L/C Issuers, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the entry into Secured Cash Management Agreements by the Cash Management Banks from time to time, each Grantor has executed and delivered that certain Security Agreement, dated as of February 26, 2021, among the Grantors from time to time party thereto and the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time in accordance with the terms thereof, the “**Security Agreement**”). Terms defined in the Credit Agreement or the Security Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement or the Security Agreement, as applicable.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and any other appropriate governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. Each Grantor hereby grants to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in all of such Grantor’s right, title and interest in and to the following (the “**Collateral**”):

(i) all Patents, Patent applications and utility models, all inventions and improvements claimed therein and the right to claim any inventions disclosed but unclaimed therein, including, without limitation, the Patents and Patent applications set forth on Schedule A hereto;

(ii) all Trademarks, service marks, domain names, trade dress, logos, designs, slogans, trade names, business names, corporate names and other source identifiers, whether registered or unregistered, together, in each case, with the goodwill of the business connected with the use thereof and symbolized thereby, including, without limitation, the Trademark and service mark registrations and applications set forth on Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use Trademark applications, prior to the filing and acceptance of a “Statement of Use” or an “Amendment

to Allege Use” with respect thereto, solely to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use Trademark applications or any registrations that issue therefrom under applicable federal Law);

(iii) all Copyrights, including, without limitation, Copyrights in Computer Software, internet web sites and the content thereof, whether registered or unregistered, including, without limitation, the Copyright registrations set forth on Schedule C hereto;

(iv) all registrations and applications for registration for any of the foregoing;

(v) all agreements, permits, consents, orders and franchises relating to the license, development, use or disclosure of any of the foregoing to which such Grantor, now or hereafter, is a party or a beneficiary, including, without limitation, the agreements granting any exclusive right to the Grantor in or to any registered Copyright set forth on Schedule D hereto;

(vi) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(vii) any and all claims for damages, other payments and/or injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages, payments or other relief; and

(viii) any and all Proceeds of, collateral for, income, royalties and other payments now or hereafter due and/or payable with respect to, and Supporting Obligations relating to, any and all of the foregoing, and, to the extent not otherwise included, all payments under insurance (whether or not the Collateral Agent is the loss payee thereof), or any indemnity, warranty or guaranty, payable by reason of loss or damage or otherwise with respect to any of the foregoing;

provided that, notwithstanding anything to the contrary contained in the foregoing clauses (i) through (viii), the security interest created hereby shall not extend to, and the term “Collateral” shall not include, any lease, license or other agreement to the extent that a grant of a security interest therein would violate or invalidate such lease, license or agreement, or create a right of termination in favor of any other party thereto (other than any Grantor or any Subsidiary of any Grantor), in each case to the extent not rendered unenforceable pursuant to the applicable provisions of the Uniform Commercial Code or other applicable Law and so long as the applicable provision giving rise to such violation or invalidity or such right of termination was not incurred in anticipation of the entering into of the Credit Agreement; provided, further, that (x) the Collateral includes Proceeds and receivables of any property excluded under this provision, the assignment of which is expressly deemed effective under the Uniform Commercial Code notwithstanding such prohibition and (y) such excluded lease, license or other agreement shall otherwise be subject to the security interest created by the Security Agreement upon receiving any necessary approvals or waivers permitting the assignment thereof.

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment and performance of all Obligations of

such Grantor now or hereafter existing under or in respect of the Loan Documents (as such Loan Documents may be amended, amended and restated, supplemented, replaced, refinanced, re-tranched, extended, increased or otherwise modified from time to time (including any extensions of maturity dates and increases of the principal amount outstanding thereunder)), including, without limitation, any extensions, increases, modifications, substitutions, amendments, refinancings, refundings, replacements or renewals of any or all of the foregoing Obligations (whether or not such action is committed, contemplated or provided for by the Loan Documents on the date hereof), whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, fees, premiums, penalties, indemnifications, contract causes of action, costs, expenses or otherwise.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 4. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event that any provision of this IP Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

SECTION 5. Execution in Counterparts. This IP Security Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Delivery by telecopier or other electronic transmission of an executed counterpart of a signature page to this IP Security Agreement shall be effective as delivery of an original executed counterpart of this IP Security Agreement.

SECTION 6. Notices, Etc. All notices and other communications provided for hereunder shall be in writing (including telegraphic, teletype or telex communication or facsimile transmission) and mailed, telegraphed, telecopied, telexed, faxed or delivered, if to any Grantor, addressed to it in care of the Lead Borrower at the Lead Borrower's address specified in Section 10.02 of the Credit Agreement, or if to the Collateral Agent, to its address specified in Section 10.02 of the Credit Agreement. All such notices and other communications shall be deemed to be given or made at such time as shall be set forth in Section 10.02 of the Credit Agreement. Delivery by telecopier of an executed counterpart of any amendment or waiver of any provision of this IP Security Agreement or Schedule hereto shall be effective as delivery of an original executed counterpart thereof.

SECTION 7. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the Law of the State of New York.

SECTION 8. Intercreditor Agreement. Notwithstanding anything herein to the contrary, (i) the liens and security interests granted to the Collateral Agent on the Term Priority Collateral (as defined in the Closing Date Intercreditor Agreement referred to below) pursuant to this IP Security Agreement are expressly subject and subordinate to the liens and security interests granted in favor of the Term Secured Parties (as defined in the Closing Date Intercreditor Agreement referred to below) on the Term Priority Collateral and (ii) the exercise of any right or remedy by the Collateral Agent hereunder with respect to the Term Priority Collateral is subject to the limitations and provisions contained in the ABL/Term Intercreditor Agreement dated as of February 26, 2021 (as amended, restated, amended and restated, extended, supplemented or otherwise modified from time to time in accordance with the terms thereof, the "**Closing Date Intercreditor Agreement**"), among Intermediate Capital Group PLC, as Representative for the Initial

Term Secured Parties, PNC Bank, National Association, as Representative for the ABL Secured Parties, the Borrowers, Holdings, the other grantors party thereto and each other representative from time to time party thereto. In the event of any conflict between the terms of the Closing Date Intercreditor Agreement and the terms of this Agreement, the terms of the Closing Date Intercreditor Agreement shall govern.

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IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

GRANTORS:

VERDESIAN LIFE SCIENCES, LLC

By: Erica Boisvert  
Name: Erica Boisvert  
Title: Chief Financial Officer


VERDESIAN LIFE SCIENCES U.S., LLC

By: Erica Boisvert  
Name: Erica Boisvert  
Title: Chief Financial Officer

QC LLC

By: Erica Boisvert  
Name: Erica Boisvert  
Title: Chief Financial Officer

PNC BANK, NATIONAL ASSOCIATION, as  
Collateral Agent

By:   
Name: Timothy Brandt  
Title: Senior Vice President

**Schedule A**  
**Patents**

Title	Country	Owner	Appl. No.	Appl. Date	Publication No.	Publication Date
Methods of protecting crops from post harvest microbial decay	US	Verdesian Life Sciences, LLC	12/397286	2009-03-03	8486860B2	2013-07-16
Polymeric compositions	US	Verdesian Life Sciences, LLC	15/312895	2015-05-20	10822487B2	2020-11-03
Method for mitigating solid precipitation in fertilizer dispensing system	US	Verdesian Life Sciences, LLC	13/856418	2013-04-03	9073795B2	2015-07-07
Polymer-boric acid compositions	US	Verdesian Life Sciences, LLC	15/063291	2016-03-07	10737988B2	2020-08-11
Anionic polymers composed of dicarboxylic acids and uses thereof	US	Verdesian Life Sciences, LLC	12/099892	2008-04-09	8043995B2	2011-10-25
Dithiocarbamates and phosphite formulations	US	Verdesian Life Sciences U.S., LLC	11/440164	2006-05-23	7708799B2	2010-05-04
Animal feed and/or water amendments for lowering ammonia concentrations in animal excrement	US	Verdesian Life Sciences, LLC	14/049887	2013-10-09	9961922B2	2018-05-08
Polymer soil treatment compositions including humic acids	US	Verdesian Life Sciences U.S., LLC	15/312919	2015-05-21	10519070B2	2019-12-31
Anhydrous ammonia supplemented with agricultural actives	US	Verdesian Life Sciences, LLC	14/285272	2014-05-22	9139481B2	2015-09-22
Anhydrous ammonia supplemented with agricultural actives	US	Verdesian Life Sciences, LLC	14/826970	2015-08-14	9359264B2	2016-06-07


Title	Country	Owner	Appl. No.	Appl. Date	Publication No.	Publication Date
Pesticide compositions including polymeric adjuvants	US	Verdesian Life Sciences, LLC	12/534481	2009-08-03	7655597B1	2010-02-02
Gypsum fertilizer products with polymer adjuvants	US	Verdesian Life Sciences, LLC	12/573506	2009-10-05	7686863B1	2010-03-30
Enhanced fertilizer products with polymer adjuvants	US	Verdesian Life Sciences, LLC	12/573547	2009-10-05	8192520B2	2012-06-05
Gypsum fertilizer products with polymer adjuvants	US	Verdesian Life Sciences, LLC	12/710240	2010-02-22	7736412B1	2010-06-15
Methods of generating phosphorus fertilizers through the utilization of microbial fermentation technology	US	Verdesian Life Sciences U.S., LLC	11/982574	2007-11-02	8092569B2	2012-01-10
Fertilizer-polymer mixtures which inhibit nitrification in soils	US	Verdesian Life Sciences, LLC	11/626702	2007-01-24	7666241B2	2010-02-23
Methods for controlling molluscs	US	Verdesian Life Sciences U.S., LLC	10/871195	2004-06-18	7566461B2	2009-07-28
Methods for controlling molluscs	US	Verdesian Life Sciences U.S., LLC	12/500489	2009-07-09	8354118B2	2013-01-15
Quick drying polymeric coating	US	Verdesian Life Sciences, LLC	13/176787	2011-07-06	8753416B2	2014-06-17
Quick drying polymeric coating	US	Specialty Fertilizer Products, LLC   Verdesian Life Sciences, LLC	14/263048	2014-04-28	9255039B2	2016-02-09
Quick drying polymeric coating	US	Verdesian Life Sciences, LLC	13/337640	2011-12-27	8747513B2	2014-06-10
Methods for delaying maturity of crops	US	Verdesian Life Sciences, LLC	13/917961	2013-06-14	9526250B2	2016-12-27

Title	Country	Owner	Appl. No.	Appl. Date	Publication No.	Publication Date
Quick drying polymeric coating	US	Verdesian Life Sciences, LLC	12/948625	2010-11-17	8016907B2	2011-09-13
Quick drying polymeric coating	US	Specialty Fertilizer Products, LLC   Verdesian Life Sciences, LLC	14/263033	2014-04-28	9249062B2	2016-02-02
Quick drying polymeric coating	US	Verdesian Life Sciences, LLC	13/337982	2011-12-27	8747514B2	2014-06-10
Quick drying polymeric coating	US	Verdesian Life Sciences, LLC	12/651356	2009-12-31	8025709B2	2011-09-27
Quick drying polymeric coating	US	Specialty Fertilizer Products, LLC   Verdesian Life Sciences, LLC	14/263057	2014-04-28	9416063B2	2016-08-16
Methods for delaying maturity of crops	US	Verdesian Life Sciences U.S., LLC	12/718881	2010-03-05	9675080B2	2017-06-13
Quick drying polymeric coating	US	Verdesian Life Sciences, LLC	14/973520	2015-12-17	10336659B2	2019-07-02
Dual salt fertilizer giving enhanced crop yields	US	Verdesian Life Sciences, LLC	13/785232	2013-03-05	8647406B2	2014-02-11
Method of reducing atmospheric ammonia in livestock and poultry containment facilities	US	Verdesian Life Sciences, LLC	14/844245	2015-09-03	9738565B2	2017-08-22
Dual salt fertilizer giving enhanced crop yields	US	Verdesian Life Sciences, LLC	13/345357	2012-01-06	8430943B2	2013-04-30
Method of reducing atmospheric ammonia in livestock and poultry containment facilities	US	Verdesian Life Sciences, LLC	13/584608	2012-08-13	9145340B2	2015-09-29
Pesticide product including polyanionic polymers	US	Verdesian Life Sciences, LLC	15/056886	2016-02-29	10059636B2	2018-08-28
Seed product having polyanionic polymers	US	Verdesian Life Sciences, LLC	15/056892	2016-02-29	10065896B2	2018-09-04



Title	Country	Owner	Appl. No.	Appl. Date	Publication No.	Publication Date
Fertilizers with polyanionic polymers and method of applying polyanionic polymer to plants	US	Verdesian Life Sciences, LLC	14/915072	2014-08-27	10173941B2	2019-01-08
Polyanionic polymers	US	Verdesian Life Sciences, LLC	15/056879	2016-02-29	10377680B2	2019-08-13
Methods of protecting crops from post harvest microbial decay	US	Verdesian Life Sciences U.S. LLC	12/397286	2009-03-03	8486860B2	2013-07-16
Dithiocarbamates and phosphite formulations	US	Verdesian Life Sciences U.S. LLC	11/440164	2006-05-23	7708799B2	2010-05-04
Polymer soil treatment compositions including humic acids	US	Verdesian Life Sciences U.S. LLC	15/312919	2015-05-21	10519070B2	2019-12-31
Methods of generating phosphorus fertilizers through the utilization of microbial fermentation technology	US	Verdesian Life Sciences U.S. LLC	11/982574	2007-11-02	8092569B2	2012-01-10
Methods for controlling molluscs	US	Verdesian Life Sciences U.S. LLC	10/871195	2004-06-18	7566461B2	2009-07-28
Methods for controlling molluscs	US	Verdesian Life Sciences U.S. LLC	12/500489	2009-07-09	8354118B2	2013-01-15
Methods for delaying maturity of crops	US	Verdesian Life Sciences U.S. LLC	13/917961	2013-06-14	9526250B2	2016-12-27
Methods for delaying maturity of crops	US	Verdesian Life Sciences U.S. LLC	12/718881	2010-03-05	9675080B2	2017-06-13


Title	Country	Owner	Appl. No.	Appl. Date	Publication No.	Publication Date
Triarylmethane compounds for controlling enzyme-induced urea decomposition	US	Verdesian Life Sciences U.S. LLC	16/498545	2018-03-28	20200031730 A1	2020-01-30
Combination of pyroglutamic acid and a strobilurin fungicide for improved plant health effects	US	Verdesian Life Sciences U.S. LLC	16/619198	2018-06-05	20200146288 A1	2020-05-14
Inoculant direct injection system	US	Verdesian Life Sciences U.S. LLC	16/081742	2017-03-03	20190077650 A1	2019-03-14
Polymeric compositions which minimize phosphate fixation	US	Verdesian Life Sciences U.S. LLC	15/999255	2017-02-17	20190119181 A1	2019-04-25
Compositions For Controlling Enzyme-Induced Urea Decomposition	US	Verdesian Life Sciences U.S. LLC	16/300349	2017-05-12	20190144354 A1	2019-05-16
Quick drying polymeric coating	US	Verdesian Life Science   Specialty Fertilizer Products	14/263057	2014-04-28	9416063B2	2016-08-16
Quick drying polymeric coating	US	Verdesian Life Science   Specialty Fertilizer Products	14/263048	2014-04-28	9255039B2	2016-02-09





**Schedule A  
Trademarks**




Trademark	Country	Application Date	Application Number	Registration Date	Registration Number	Owner
MANCO-PHITE	US	19-FEB-2015	86539760	22-SEP-2015	4817631	QC LLC
SUCRASUL	US	10-FEB-2014	86189078	23-SEP-2014	4609180	QC LLC
SOLU-GRADE	US	23-MAY-2013	85941088	24-DEC-2013	4455016	QC LLC
HORTIMIX	US	18-APR-2000	76028239	07-SEP-2004	2882025	QC LLC
SUGROW	US	12-DEC-2003	76566064	01-FEB-2005	2922277	QC LLC
	US	08-MAR-2000	75937130	01-OCT-2002	2628855	QC LLC
SUCRASULFATE	US	13-JUN-2006	76661508	11-DEC-2007	3352949	QC LLC
SUCRACHELATE	US	13-JUN-2006	76661509	11-DEC-2007	3352950	QC LLC
DIAMOND BRAND	US	08-MAR-2000	75937129	08-OCT-2002	2632474	QC LLC
PRIMACY	US	31-MAR-2015	86582676	22-MAY-2018	5475848	Verdesian Life Sciences US, LLC
NUTRIFACTION	US	23-SEP-2016	87181590	02-MAY-2017	5195409	Verdesian Life Sciences US, LLC
PEANUT POWER	US	10-MAR-2015	86559682	05-APR-2016	4930685	Verdesian Life Sciences US, LLC
N-ROW	US	10-MAR-2015	86559685	05-APR-2016	4930686	Verdesian Life Sciences US, LLC
MICROSYNC	US	12-OCT-2017	87643495	08-JAN-2019	5650679	Verdesian Life Sciences US, LLC




NUTRISPHERE-HV	US	09-SEP-2015	86751920	08-NOV-2016	5076350	Verdesian Life Sciences US, LLC
 Design Only	US	08-AUG-2017	87559719	09-OCT-2018	5581965	Verdesian Life Sciences US, LLC
MICROSYNC PLUS	US	08-AUG-2017	87559739	09-OCT-2018	5581966	Verdesian Life Sciences US, LLC
MICROSYNC PRO	US	08-AUG-2017	87559745	09-OCT-2018	5581967	Verdesian Life Sciences US, LLC
MICROSYNC ULTRA	US	08-AUG-2017	87559749	09-OCT-2018	5581968	Verdesian Life Sciences US, LLC
PRIMACY ALPHA	US	29-APR-2015	86614303	10-MAY-2016	4957298	Verdesian Life Sciences US, LLC
FlexConnect	US	27-MAY-2016	87052788	12-JUN-2018	5492767	Verdesian Life Sciences US, LLC
 Design Only	US	10-SEP-2015	86753134	19-APR-2016	4941285	Verdesian Life Sciences US, LLC
TP-1000	US	20-MAR-2019	88348634	20-OCT-2020	6180920	Verdesian Life Sciences US, LLC
MICROSYNC COMPLETE	US	12-FEB-2018	87793674	22-OCT-2019	5892045	Verdesian Life Sciences US, LLC
MICROSYNC BASIC	US	12-FEB-2018	87793687	22-OCT-2019	5892046	Verdesian Life Sciences US, LLC

PIT PRO	US	24-APR-2018	87890546	24-SEP-2019	5869254	Verdesian Life Sciences US, LLC
THE NUTRIENT USE EFFICIENCY PEOPLE	US	31-JAN-2018	87778052	28-APR-2020	6043046	Verdesian Life Sciences US, LLC
GROUNDSWELL	US	22-JUN-2017	87500890	31-OCT-2017	5323956	Verdesian Life Sciences US, LLC
	US	26-JUN-2017	87504898	31-OCT-2017	5323958	Verdesian Life Sciences US, LLC
EMINATE	US	20-MAY-2010	85044050	04-JAN-2011	3900438	Verdesian Life Sciences US, LLC
NUTRIPHITE ULTRA	US	16-JUL-2010	85086599	01-MAR-2011	3925642	Verdesian Life Sciences US, LLC
Steric P III	US	28-MAY-2010	85050732	01-FEB-2011	3913507	Verdesian Life Sciences US, LLC
STERIC K	US	28-MAY-2010	85050739	01-FEB-2011	3913508	Verdesian Life Sciences US, LLC
STERIC S	US	28-MAY-2010	85050743	01-FEB-2011	3913509	Verdesian Life Sciences US, LLC
NUTRI <sup>®</sup> PHITE	US	14-JAN-2014	86164980	02-DEC-2014	4648065	Verdesian Life Sciences US, LLC
TUXEDO	US	30-AUG-2011	85411170	13-OCT-2015	4832072	Verdesian Life Sciences US, LLC

PRESIDE	US	08-APR-2014	86246203	16-JUN-2015	4757279	Verdesian Life Sciences US, LLC
	US	18-SEP-2012	85731349	25-AUG-2015	4800047	Verdesian Life Sciences US, LLC
VERDESIAN	US	21-SEP-2012	85734760	25-AUG-2015	4800049	Verdesian Life Sciences US, LLC
	US	21-OCT-2010	85158412	14-JUN-2011	3977286	Verdesian Life Sciences US, LLC
TAKE OFF MAGNUM	US	11-APR-2013	85901877	29-OCT-2013	4425683	Verdesian Life Sciences US, LLC
	US	25-FEB-2011	85251782	04-OCT-2011	4034638	Verdesian Life Sciences US, LLC
TAKE OFF TAKE OFF	US	15-JUL-2009	77782156	10-APR-2012	4125840	Verdesian Life Sciences US, LLC
ClearDrip	US	11-SEP-2012	85726388	30-APR-2013	4328287	Verdesian Life Sciences US, LLC
TAKE OFF PHYEMZ	US	11-APR-2013	85901760	24-JUN-2014	4557118	Verdesian Life Sciences US, LLC
	US	11-APR-2013	85901844	24-JUN-2014	4557119	Verdesian Life Sciences US, LLC
TAKE OFF SULFONE	US	11-APR-2013	85901854	24-JUN-2014	4557120	Verdesian Life Sciences US, LLC

TAKE OFF CALCUSITE	US	11-APR-2013	85901865	24-JUN-2014	4557121	Verdesian Life Sciences US, LLC
	US	18-NOV-2011	85476723	12-FEB-2013	4290003	Verdesian Life Sciences US, LLC
STERIC PLS	US	06-MAR-2012	85562047	30-OCT-2012	4233353	Verdesian Life Sciences US, LLC
STERIC KLS	US	06-MAR-2012	85562072	30-OCT-2012	4233354	Verdesian Life Sciences US, LLC
STERIC SLS	US	06-MAR-2012	85562081	30-OCT-2012	4233355	Verdesian Life Sciences US, LLC
TAKE OFF ST	US	24-JUN-2010	85070584	10-JAN-2012	4084613	Verdesian Life Sciences US, LLC
	US	25-APR-2012	85608326	02-APR-2013	4314696	Verdesian Life Sciences US, LLC
NUTRI PHITE	US	03-NOV-2010	85168263	14-JUN-2011	3977732	Verdesian Life Sciences US, LLC
MORE THAN MANURE	US	09-SEP-2010	85126081	01-NOV-2011	4050519	Verdesian Life Sciences US, LLC
MTM	US	30-AUG-2011	85411164	01-MAY-2012	4135147	Verdesian Life Sciences US, LLC
 Design Only	US	21-OCT-2010	85158408	10-MAY-2011	3957856	Verdesian Life Sciences US, LLC

<small>MULTIPLE-DAY GRANULAR</small>	US	15-MAY-2013	85933104	27-MAY-2014	4536070	Verdesian Life Sciences US, LLC
LINEMASTER	US	09-APR-2001	76238122	27-AUG-2002	2612196	Verdesian Life Sciences US, LLC
	US	23-AUG-2005	78698524	11-SEP-2007	3291791	Verdesian Life Sciences US, LLC
WILT-GUARD	US	27-FEB-2001	76216562	24-SEP-2002	2626400	Verdesian Life Sciences US, LLC
M-P-A	US	09-APR-2001	76238120	01-OCT-2002	2627733	Verdesian Life Sciences US, LLC
MAGNA-PHITE	US	28-MAR-2000	76012153	31-JUL-2001	2473307	Verdesian Life Sciences US, LLC
NUTRI-GROW	US	28-MAR-2000	76012162	31-JUL-2001	2473308	Verdesian Life Sciences US, LLC
Steric MKS	US	31-OCT-2008	77605238	02-JUN-2009	3631176	Verdesian Life Sciences US, LLC
STERIC K DS	US	05-MAR-2009	77684270	06-OCT-2009	3691868	Verdesian Life Sciences US, LLC
STERIC S DS	US	05-MAR-2009	77684361	06-OCT-2009	3691869	Verdesian Life Sciences US, LLC
Steric P DS	US	18-DEC-2008	77635832	02-JUN-2009	3631352	Verdesian Life Sciences US, LLC

CALCI PHITE	US	15-JAN-2004	76570291	26-JUL-2005	2975388	Verdesian Life Sciences US, LLC
NUTRISPHERE-N	US	31-JAN-2007	77096052	02-OCT-2007	3301500	Verdesian Life Sciences US, LLC
NUTRI-PHITE MAGNUM	US	14-NOV-2001	76338850	25-FEB-2003	2691627	Verdesian Life Sciences US, LLC
NUTRI-PHITE SULFONE	US	04-DEC-2001	76345441	04-MAR-2003	2694099	Verdesian Life Sciences US, LLC
FUNGI PHITE	US	29-MAR-2005	78597418	27-JUN-2006	3110609	Verdesian Life Sciences US, LLC
AVAIL	US	26-SEP-2003	78305896	01-AUG-2006	3124270	Verdesian Life Sciences US, LLC
N-CHARGE	US	30-NOV-2009	77882355	04-JAN-2011	3898818	Verdesian Life Sciences US, LLC
ACCOLADE	US	02-MAR-2006	78827175	06-OCT-2009	3694242	Verdesian Life Sciences US, LLC
CITRON	US	30-APR-2007	77168769	01-JUL-2008	3456558	Verdesian Life Sciences US, LLC
GUARD-N	US	22-DEC-2009	77898925	13-JUL-2010	3818298	Verdesian Life Sciences US, LLC

**Schedule C  
Copyrights**

<b>Copyright Title</b>	<b>Reg. No.</b>	<b>Reg. Date</b>	<b>Registered Owner</b>
Nutri-grow fertilizer PK.	TX0005970260	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-grow fertilizers.	TX0005970258	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Grow fertilizers--an innovation in supplemental fertility.	VA0001266888	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Grow fertilizers--questions & answers about Nutri-Grow plant nutrients.	VA0001266889	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Grow fertilizers--turf and ornamental foliar nutrient	VA0001266890	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Grow injectible	VA0001266892	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Phite Ca	TXu000736185	1996-04-01	Verdesian Life Sciences U.S., LLC
Nutri-Phite changes everything	VA0001266891	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Phite fertilizer	VA0001266893	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-phite fertilizer P soil hi-grade	TX0005970261	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-Phite fertilizers.	VAu000632516	2004-07-08	Verdesian Life Sciences U.S., LLC
Nutri Phite fertilizers	TX0005962176	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri-phite fertilizers : nutri-phite fertilizer bulletin	TX0005970259	2004-04-19	Verdesian Life Sciences U.S., LLC
Nutri Phite : P foliar	TX0006069918	2004-08-13	Verdesian Life Sciences U.S., LLC
Nutri Phite : P foliar MZ	TX0006069917	2004-08-13	Verdesian Life Sciences U.S., LLC
Nutri-Phite P soil	TX0004298608	1996-05-13	Verdesian Life Sciences U.S., LLC
Nutri-Phite P+K : foliar nutrient for California vegetable and permanent crops	TX0004325786	1996-04-01	Verdesian Life Sciences U.S., LLC
Nutri-phite sulfone	TX0005970262	2004-04-19	Verdesian Life Sciences U.S., LLC
Tree health management with phosphites	VA0001266887	2004-04-19	Verdesian Life Sciences U.S., LLC

**Schedule D**

None.