




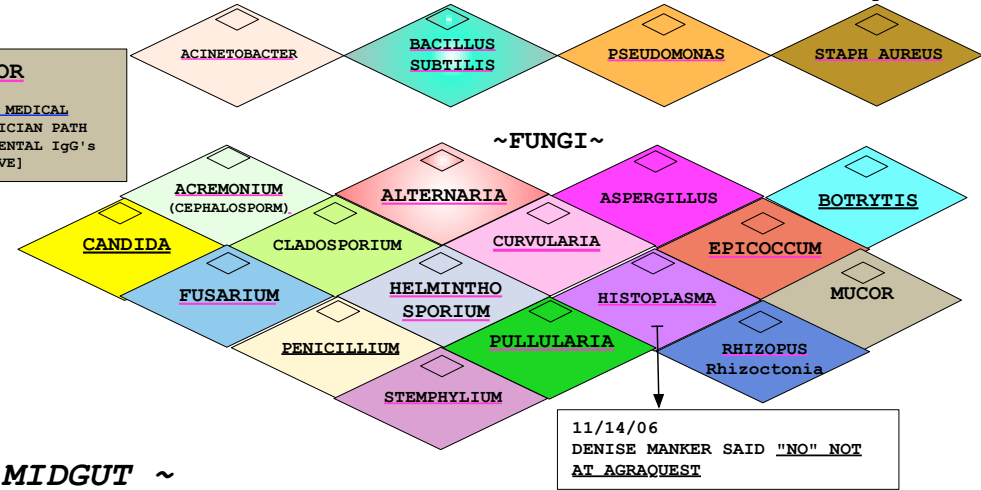
ACINETOBACTER DAVID BELL MEDICAL 7/8/2005 - Sutter Health Labs: Sierra Laboratory Services M427243 positive: 4+ ACINETOBACTER	ACREMONIUM (CEPHALOSPORIUM) DAVID BELL MEDICAL *9/23/04 Quest Diagnostics GM6339205: source sputum, ACREMONIUM SPECIES POSITIVE	ALTERNARIA DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [ALTERNARIA **POSITIVE]	ASPERGILLUS DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [ASPERGILLUS **POSITIVE]	BACILLUS SUBTILIS  DAVID BELL MEDICAL *March 2, 2005 QME DR. JONATHAN NG, "resulting in the need for surgery in 1/99"	BOTRYTIS DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [BOTRYTIS *POSITIVE]
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DAVID BELL MEDICAL - POSITIVE




~BACTERIA~

11/14/06 DENISE MANKER SAID "NO" NOT AT AGRAQUEST; Includes: STAPH AUREUS & STAPH SP.

CANDIDA  DAVID BELL MEDICAL *8-11-2004 PHYSICIAN	CLADOSPORIUM DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [CLADOSPORIUM ***HIGH POSITIVE]	CURVULARIA [COCHLILOBOLUS] DAVID BELL MEDICAL *9/13/2006 [CURVULARIA - POSITIVE CULTURE SOURCE NOSE, CLINICAL PATH LABS PH: 512-339-1275 9/13/2006]	EPICOCCUM DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: EPICOCCUM **POSITIVE]	FUSARIUM  DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [FUSARIUM ***HIGH POSITIVE]
HELMINTHOSPORIUM [CURVULARIA] DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [HELMINTHOSPORIUM ***HIGH POSITIVE]	HISTOPLASMA DAVID BELL MEDICAL *10/18/2003 MAYO CLINIC "HISTO-YEAST POSITIVE CF 1:8 *11/18/2004 STUART COHEN (UCD) ORDER #4377112 HISTOPLASMA ANTIGEN HISTOPLASMA AG SERUM 0.06, "RESULTS SENT TO PATIENTS CHART"	LAGENIDIUM GIGANTEUM CHARACTERIZATION OF A PREVIOUSLY UN-DESCRIBED LAGENIDIUM PATHOGEN ASSOCIATED WITH SOFT TISSUE INFECTION: INITIAL DESCRIPTION OF A NEW HUMAN OOMYCOSIS Grooters AM, Proia LA, Sutton DA, Hodgkin EC	MUCOR DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's [MUCOR **POSITIVE]	



~FUNGI~

PENICILLIUM  DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRO IgG's: [PENICILLIUM ***HIGH POSITIVE] *9/23/04 Quest Diagnostics GM6339205: source sputum, PENICILLIUM SPECIES	PSEUDOMONAS  DAVID BELL MEDICAL *POSITIVE CULTURES: *8/28/2002 UNILAB: GJ3285479 CULTURE SINUS "MODERATE GROWTH PSEUDOMONAS, , *9/26/2002 SACRAMENTO ENT PSEUDOMONAS, *7/24/2003 SINUS MODERATE GROWTH PSEUDOMONAS V DESAI M.D., *5/6/2004 QUEST DIAGNOSTICS GM0568336 GRAM STAIN MANY WHITE BLOOD CELLS, RARE GRAM NEGATIVE RODS, RARE GRAM POSITIVE COCCI, CULTURE, AEROBIC 1) MODERATE GROWTH PSEUDOMONAS, *8/31/2004 8/31/2004, QUEST DIAGNOSTICS GM 5388063 CULTURE AEROBIC LIGHT GROWTH PSEUDOMONAS, , *9/23/2004 SACRAMENTO ENT Unilab PSEUDOMONAS	PULLULARIA DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [PULLULARIA *POSITIVE]	RHIZOPUS - (Rhizoctonia) DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [RHIZOPUS- *POSITIVE]
STAPH AUREUS  DAVID BELL MEDICAL POSITIVE CULTURES: *8/8/2002 APPELBLATT; *9/12/2002 APPELBLATT; *9/17/2002 APPELBLATT; *10/9/2003 APPELBLATT; *5/5/2003 APPELBLATT; *5/19/2003 APPELBLATT; *9/11/2003 BEN GOLDWYN, *10/17/2003 THADDEUS ARCHIE, *11/18/2004 STUART COHEN (UCD) ORDER #5058304 COCCI TITER (CF) 0.06 "RESULTS SENT TO PATIENTS CHART"		STEMPHYLIUM DAVID BELL MEDICAL *8-11-2004 PHYSICIAN PATH LABS: ENVIRONMENTAL IgG's: [STEMPHYLIUM **POSITIVE]	

~ MOSQUITO MIDGUT ~

"STUDIES ON CULTURED AND UNCULTURED MICROBIOTA OF WILD CULEX QUINQUEFASCIATUS MOSQUITO MIDGUT BASED ON 16S RIBOSOMAL RNA GENE ANALYSIS," by VYANKATESH J. PIDDIYAR*, KAMLESH JANGID*, MILIND S. PATOLE, AND YOGESH S. SHOUCHE The American Society of Tropical Medicine and Hygiene

[page 597] "Abstract. To describe the midgut microbial diversity and the candidate bacteria for the genetic manipulation for the generation of transgenic mosquitoes refractory to transmission of diseases, the microbiota of wild Culex quinquefasciatus mosquito midgut was studied using a conventional culture technique and analysis of a 16S ribosomal RNA (rRNA) gene sequence library. The culturable microbiota was identified as *Acinetobacter junii*, *Ac. calcoaceticus*, *Aeromonas culicicola*, *Bacillus thuringiensis*, *Microbacterium oxydans*, *Pantoea agglomerans*, *Pseudomonas aeruginosa*, *Staphylococcus epidermidis*, *Stenotrophomonas maltophilia* and an unidentified bacterium from the host *Drosophila paulistorium*. The 16S rRNA gene library was composed of 46% unidentified and uncultured bacteria, 41% *Acinetobacter* spp., and 13% *Lactococcus* spp. The coverage calculated for the 150 clones was 83.3%. Thus, the probability of the next cloned sequence falling in a novel operational taxonomic unit (not yet observed) was 16.7%. The majority of the cultured isolates and the 16S rRNA gene library clones belonged to the -proteobacteria class. Most of the bacteria have been previously reported to inhabit the midgut of different mosquito species. Therefore, the results of this study indicate that different mosquito species harbor common representatives of the microbiota that may be the potential candidates for genetic manipulation to control the disease transmission capabilities of the host."

AGRAQUEST SCIENTIST ON NON-AGRAQUEST PATENTS

United States Patent 6,911,338
 Strobel, et al. June 28, 2005
 NO ASSIGNEE NAMED
 Appl. No.: 10/121,740
 Filed: April 11, 2002
 Inventors: Strobel; Gary (Bozeman, MT), Manker; Denise C (Davis, CA), Mercier; Berkely, CA

United States Patent 6,844,182
 Outtrup, et al. January 18, 2005
 Assignee: Valent BioSciences Corporation (Libertyville, IL)
 Appl. No.: 09/858,207
 Filed: May 15, 2001
 Inventors: Outtrup; Helle (Denmark, DK), Lidster; William D. (Sacramento, CA), MacIntosh; Susan C. (Woodland, CA), Starnes; Robert L. (Sacramento, CA), Manker; Denise Carol (Davis, CA)

DAVID BELL MEDICAL
 BACTERIA FUNGI

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AGRAQUEST PATENTS

United States Patent 6,852,317
 Lehman et al. February 8, 2005
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/966,982
 Filed: September 27, 2001
 Inventors: Lehman; Lori Jo (Vacaville, CA) ? , McCoy; Randy Jay (Davis, CA) ? , Yuan; Caiyao (Davis, CA) ? , Manker; Denise Carol (Davis, CA), Orjala; Jimmy Ensio (Davis, CA), Marrone; Pamela Gail (Davis, CA), Santamaria; Jorge Isaac Jimenez (Sacramento, CA)

United States Patent 6,682,925
 Lehman, et al. January 27, 2004
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/548,882
 Filed: April 13, 2000
 Inventors: Lehman; Lori Jo (Vacaville, CA), Orjala; Jimmy Ensio (Davis, CA), Manker; Denise Carol (Davis, CA), Jimenez; Desmond Rito (Woodland, CA), Baum; Nancy Ann (Davis, CA), Marrone; Pamela Gail

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 BACTERIA FUNGI

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AGRAQUEST PRODUCTS

Product Name: **Andante**
 Muscodor albus strain QST 20799 0.35%
 Uses: Fungicide, Nematicide, Fumigant

Product Name: **Arabesque**
 Muscodor albus strain QST 20799 0.35 %
 Uses: Fungicide/fungistat

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The entomopathogenic virus may be a baculovirus, e.g., Autographa californica nuclear polyhedrosis virus (NPV), Syngrapha falcifera NPV, Cydia pomonella GV (granulosis virus), Heliothis zea NPV, Lymantria dispar NPV, Orgyia pseudotsugata NPV, Spodoptera exigua NPV, Neodiprion lecontei NPV, Neodiprion sertifer NPV, Harrisina brillians NPV, and Endopiza viteana Clemens NPV.

United States Patent 6,406,691
 Manker , et al. June 18, 2002
 Assignee: Valent Biosciences Corp.
 (Libertyville, IL)
 Appl. No.: 09/013,488
 Filed: January 26, 1998

Inventors: Manker; Denise C. (Davis, CA), Lidster; William D. (Sacramento, CA), MacIntosh; Susan C. (Woodland, CA), Starnes; Robert L. (Sacramento, CA)

DAVID BELL MEDICAL

BACTERIA FUNGI

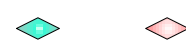


United States Patent 6,277,624
 Outtrup , et al. August 21, 2001
 Assignee: Valent BioSciences, Inc.
 (Libertyville, IL)
 Appl. No.: 09/013,375
 Filed: January 26, 1998

Inventors: Outtrup; Helle (Ballerup, DK), Lidster; William D. (Sacramento, CA), MacIntosh; Susan C. (Woodland, CA), Starnes; Robert L. (Sacramento, CA), Manker; Denise Carol (Davis, CA)

DAVID BELL MEDICAL

BACTERIA FUNGI



United States Patent 6,268,181
 Manker , et al. July 31, 2001
 Assignee: Valent BioSciences Corporation
 (Libertyville, IL)
 Appl. No.: 09/015,647
 Filed: January 28, 1998

Inventors: Manker; Denise Carol (Davis, CA), Lidster; William D. (Sacramento, CA), MacIntosh; Susan C. (Woodland, CA), Starnes; Robert L. (Sacramento, CA)

DAVID BELL MEDICAL

BACTERIA FUNGI



United States Patent 6,210,952
 Liu , et al. April 3, 2001
 Assignee: Valent BioSciences Corp.
 (Libertyville, IL)
 Appl. No.: 08/902,412
 Filed: July 29, 1997

Inventors: Liu; Chi-Li (Davis, CA), Marrone; Pamela Gail (Davis, CA), Payne; Jewel M. (Davis, CA), Gurtler; Hanne (Holte, DK), Petersen; Annette Schousboe (Birker.o slashed,d, DK)

DAVID BELL MEDICAL

BACTERIA FUNGI

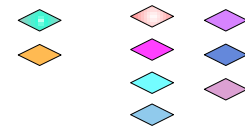


United States Patent 6,004,774
 Marrone , et al. December 21, 1999
 Biological control of plant fungal infections
 Assignee: Agritope, Inc. (Portland, OR)
 Appl. No.: 09/199,871
 Filed: November 25, 1998

Inventors: Marrone; Pamela Gail (Davis, CA), Heins; Sherry D. (Davis, CA), Manker; Denise C. (Davis, CA), Jimenez; Desmond R. (Woodland, CA), Bestwick; Richard K. (Portland, OR), Vandemark; George J. (Prosser, WA)

DAVID BELL MEDICAL

BACTERIA FUNGI



U.S. Patent # 6004774 Filing Dt: 11/25/1998
 Assignee Agritope, Inc. Issue Dt: 12/21/1999
 Inventors: Pamela Gail Marrone, Sherry D. Heins, Denise C. Manker, Desmond R Jimenez et al,

ASSIGNMENT OF INTEREST

Assignors: Marrone, Pamela Gail
 Exec Dt: 01/22/1999.
Heins, Sherry D.
 Exec Dt.: 01/26/1999.

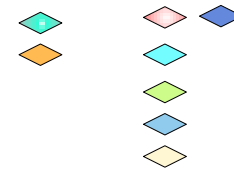
Manker, Denise C.
 Exec Dt: 01/26/1999
Jimenez, Desmond R.
 Exec Dt: 01/25/1999
 Assignee: Agritope, Inc

United States Patent 6,638,910
 Heins , et al. October 28, 2003
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/994,234
 Filed: November 27, 2001

Inventors: Heins; Sherry Darlene (Davis, CA), Manker; Denise Carol (Davis, CA), Jimenez; Desmond Rito (Woodland, CA), McCoy; Randy Jay (Davis, CA), Marrone; Pamela Gail (Davis, CA), Orjala; Jimmy Ensio

DAVID BELL MEDICAL

BACTERIA FUNGI

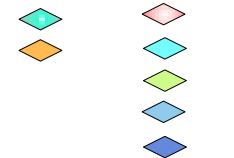


United States Patent 6,635,245
 Lehman , et al. October 21, 2003
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/532,021
 Filed: March 21, 2000

Inventors: Lehman; Lori Jo (Vacaville, CA), McCoy; Randy J. (Davis, CA), Messenger; Belinda Jane (Davis, CA), Manker; Denise Carol (Davis, CA), Orjala; Jimmy Ensio (Davis, CA), Lindhard; Dorte (Davis, CA), Marrone; Pamela Gail (Davis, CA), Jimenez; Desmond Rito (Woodland, CA)

DAVID BELL MEDICAL

BACTERIA FUNGI

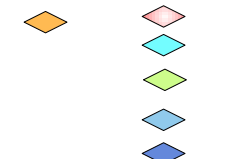


United States Patent 6,586,231
 Lehman , et al. July 1, 2003
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/737,711
 Filed: December 15, 2000

Inventors: Lehman; Lori Jo (Vacaville, CA), McCoy; Randy Jay (Davis, CA), Messenger; Belinda Jane (Davis, CA), Manker; Denise Carol (Davis, CA), Orjala; Jimmy Ensio (Davis, CA), Lindhard; Dorte (Davis, CA), Marrone; Pamela Gail (Davis, CA)

DAVID BELL MEDICAL

BACTERIA FUNGI



United States Patent 6,538,027
 Manker , et al. March 25, 2003
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/784,927
 Filed: February 15, 2001

Inventors: Manker; Denise C. (Davis, CA), Marrone; Pamela Gail (Davis, CA), Judd; Stephen (Davis, CA)

~ MOSQUITO MIDGUT ~

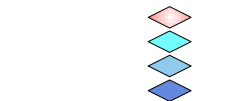


United States Patent 6,524,577
 Lehman , et al. February 25, 2003
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/671,943
 Filed: September 27, 2000

Inventors: Lehman; Lori Jo (Vacaville, CA), McCoy; Randy Jay (Davis, CA), Yuan; Cai-yao (Davis, CA), Manker; Denise Carol (Davis, CA), Orjala; Jimmy Ensio (Davis, CA), Marrone; Pamela Gail (Davis, CA)

DAVID BELL MEDICAL

BACTERIA FUNGI

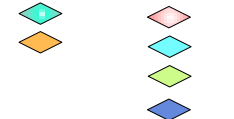


United States Patent 6,417,163
 Heins , et al. July 9, 2002
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 09/516,488
 Filed: March 1, 2000

Inventors: Heins; Sherry Darlene (Davis, CA), Manker; Denise Carol (Davis, CA), Jimenez; Desmond Rito (Woodland, CA), McCoy; Randy Jay (Davis, CA), Marrone; Pamela Gail (Davis, CA), Orjala; Jimmy Ensio

DAVID BELL MEDICAL

BACTERIA FUNGI



Product Name: Ballad@Plus Biofungicide,
 Bacillus pumilus strain QST 2808 1.38%,
 [AGRAQUEST PRODUCT LABEL] "Introducing
 Ballad@Plus Biofungicide, registered for
 control of rust, powdery mildew,
 cercospora, and brown spot. Ballad Plus
 Biofungicide is based on a patented strain
 of Bacillus pumilus (QST 2808) discovered
 and developed by AgraQuest, Inc"

DAVID BELL MEDICAL

BACTERIA FUNGI



Product Name: Glissade
 Muscodor albus strain QST 20799 0.35%
 Uses: Fungicide , Nematicide , Fumigant

DAVID BELL MEDICAL

BACTERIA FUNGI



Product Name: Laginex as
 mycelium or oospores 40.0 %
 Uses: Insecticide , Miticide , Microbial
 pesticide,

~ MOSQUITO MIDGUT ~



CHARACTERIZATION OF A PREVIOUSLY UN-DESCRIBED
 LAGENIDIUM PATHOGEN ASSOCIATED WITH SOFT
 TISSUE INFECTION: INITIAL DESCRIPTION OF A
 NEW HUMAN OOMYCOSIS
 Grooters AM, Proia LA , Sutton DA , Hodgin EC

Product Name: Qst 713 technical
 QST 713 strain of dried Bacillus subtilis
 14.6 % , ,
 Uses: Manufacturing use only no site ,
 Formulating use only no site,

DAVID BELL MEDICAL

BACTERIA FUNGI



Product Name: Qst 2808 mu
 Bacillus pumilus strain QST 2808 1.42 % ,
 Uses: Fungicide/fungistat, Plant Growth
 Regulator- Manufacturing use only no site
 , Formulating use only no site,

Product Name: QST 20799 TECHNICAL
 Muscodor albus strain QST 20799 2.10%,
 Uses: Fungicide , Microbial pesticide,
 Manufacturing use only no site ,
 Formulating use only no site,

Product Name: Rhapsody as
 QST 713 strain of dried Bacillus subtilis
 1.34 %
 Uses: Fungicide , Microbial pesticide

DAVID BELL MEDICAL

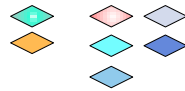
BACTERIA FUNGI



Product Name: Rhapsody as0
 QST 713 strain of dried Bacillus subtilis
 1.34%
 Uses: Fungicide , Microbial pesticide

DAVID BELL MEDICAL


BACTERIA FUNGI



United States Patent 5,976,564
Liu, et al. November 2, 1999
Assignee: Abbott Laboratories (Abbott Park, IL)
Appl. No.: 08/946,897
Filed: October 8, 1997

Inventors: Liu; Chi-Li (Davis, CA), MacMullan; Anita M. (Davidson, NC), Lufburrow; Patricia Ann (Davis, CA), Starnes; Robert L. (Sacramento, CA), Manker; Denise C. (Davis, CA)


DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 6,291,426
Heins, et al. September 18, 2001
Assignee: AgraQuest, Inc. (Davis, CA)
Appl. No.: 09/312,314
Filed: May 14, 1999


Inventors: Heins; Sherry Darlene (Davis, CA), Manker; Denise Carol (Davis, CA), Jimenez; Desmond Rito (Woodland, CA), McCoy; Randy Jay (Davis, CA), Marrone; Pamela Gail (Davis, CA), Orjala; Jimmy Ensio

DAVID BELL MEDICAL
BACTERIA FUNGI



Product Name on Label: Serenade solutions
The EPA Registered Name for this product is: Serenade QST 713 strain of dried Bacillus subtilis 10.0 %
Uses: Fungicide, Microbial pesticide


DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 5,976,563
Liu, et al. November 2, 1999
Assignee: Abbott Laboratories (Abbott Park, IL)
Appl. No.: 08/946,895
Filed: October 8, 1997

Inventors: Liu; Chi-Li (Davis, CA), MacMullan; Anita M. (Davidson, NC), Lufburrow; Patricia Ann (Davis, CA), Starnes; Robert L. (Sacramento, CA), Manker; Denise C. (Davis, CA)

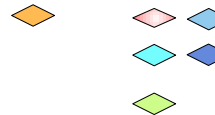
DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 6,245,551
Lehman, et al. June 12, 2001
Assignee: AgraQuest, Inc. (Davis, CA)
Appl. No.: 09/281,360
Filed: March 30, 1999


Inventors: Lehman; Lori Jo (Vacaville, CA), McCoy; Randy Jay (Davis, CA), Messenger; Belinda Jane (Davis, CA), Manker; Denise Carol (Davis, CA), Orjala; Jimmy Ensio (Davis, CA), Lindhard; Dorte (Davis, CA), Marrone; Pamela Gail (Davis, CA)

DAVID BELL MEDICAL
BACTERIA FUNGI



Product Name: Serenade as
QST 713 strain of dried Bacillus subtilis 1.34 %
Uses: Fungicide, Microbial pesticide

DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 5,874,289
Liu, et al. February 23, 1999
Assignee: Abbott Laboratories (Abbott Park, IL)
Appl. No.: 08/922,125
Filed: August 28, 1997

Inventors: Liu; Chi-Li (Davis, CA), Marrone; Pamela G. (Davis, CA), Payne; Jewel M. (Davis, CA), Gurtler; Hanne (Holte, DK), Petersen; Annette S. (Birker.o slashed.d, DK)

DAVID BELL MEDICAL
BACTERIA FUNGI




United States Patent 6,239,103 WITHDRAWN
Lehman, et al. June 12, 2001
Assignee: AgraQuest, Inc. (Davis, CA)
Appl. No.: No. 312314 Filed: May, 14 1999

Inventors: Sherry Darlene Heins, Denise Carol Manker, Desmond Rito Jimenez, Pamela Gail Marrone, Randy Jay McCoy, Jimmy Ensio Orjala

Product Name: Serenade aso
QST 713 strain of dried Bacillus subtilis 1.34 %
Uses: Fungicide/fungistat


DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 5,753,222
Marrone, et al. May 19, 1998
Assignee: Agritope, Inc. (Beaverton, OR)
Appl. No.: 08/746,893
Filed: November 18, 1996

Inventors: Marrone; Pamela Gail (Davis, CA), Heins; Sherry D. (Davis, CA), Manker; Denise C. (Davis, CA), Jimenez; Desmond R. (Woodland, CA), Bestwick; Richard K. (Portland, OR), Vandemark; George J. (Irapuato, MX)

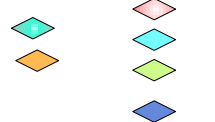
DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 6,103,228
Heins, et al. August 15, 2000
Assignee: AgraQuest, Inc. (Davis, CA)
Appl. No.: 09/223,587
Filed: December 30, 1998


Inventors: Heins; Sherry Darlene (Davis, CA), Manker; Denise Carol (Davis, CA), Jimenez; Desmond Rito (Woodland, CA), McCoy; Randy Jay (Davis, CA), Marrone; Pamela Gail (Davis, CA), Orjala; Jimmy Ensio

DAVID BELL MEDICAL
BACTERIA FUNGI



Product Name: Serenade biofungicide wettable powder
QST 713 strain of dried Bacillus subtilis 10.0 %
Uses: Fungicide, Biochemical pesticide, Microbial pesticide


DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 5,733,544
Marrone, et al. March 31, 1998
Assignee: University of Saskatchewan (Saskatoon, CA)
Agraquest, Inc. (Davis, CA)
Appl. No.: 08/746,895
Filed: November 18, 1996

Inventors: Marrone; Pamela Gail (Davis, CA), Manker; Denise C. (Davis, CA), Heins; Sherry D. (Davis, CA), Jimenez; Desmond R. (Woodland, CA), Germida; James J. (Saskatoon, CA)

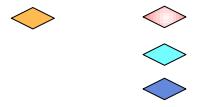
DAVID BELL MEDICAL
BACTERIA FUNGI



United States Patent 6,077,506
Marrone, et al. June 20, 2000
Assignee: AgraQuest, Inc. (Davis, CA)
BioDiscovery New Zealand Ltd. (Titrangi, NZ)
Appl. No.: 09/296,225
Filed: April 22, 1999


Inventors: Marrone; Pamela Gail (Davis, CA), Heins; Sherry D. (Davis, CA), Manker; Denise C. (Davis, CA), Jimenez; Desmond R. (Woodland, CA), Chilcott; Chris N. (Titrangi, NZ), Wigley; Peter (Titrangi, NZ), Broadwell; Andrew (Mt. Albert, NZ)

DAVID BELL MEDICAL
BACTERIA FUNGI



Product Name: Serenade garden ready-to-use (rtu)
QST 713 strain of dried Bacillus subtilis 0.07 %
Uses: Fungicide, Microbial pesticide

DAVID BELL MEDICAL
BACTERIA FUNGI



Abstract
The present invention relates to a newly discovered Bacillus sp. strain which exhibits pesticidal activity. The supernatant of cultures of this novel isolate are also effective pesticidal agents. Also provided are methods of using the novel strain or supernatant for treatment or prevention of disease in plants or animals.

United States Patent 5,698,440
Liu, et al. December 16, 1997
Assignee: Abbott Laboratories (Abbott Park, IL)
Appl. No.: 08/377,875
Filed: January 25, 1995

Inventors: Liu; Chi-Li (Davis, CA), Marrone; Pamela Gail (Davis, CA), Payne; Jewel M. (Davis, CA), Gurtler; Hanne (Holte, DK), Petersen; Annette Schousboe (Birker.o slashed.d, DK)

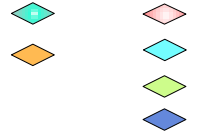
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United States Patent 6,060,051
Heins, et al. May 9, 2000
Assignee: AgraQuest, Inc. (Davis, CA)
Appl. No.: 09/074,870
Filed: May 8, 1998


Inventors: Heins; Sherry Darlene (Davis, CA), Manker; Denise Carol (Davis, CA), Jimenez; Desmond Rito (Woodland, CA), McCoy; Randy Jay (Davis, CA), Marrone; Pamela Gail (Davis, CA), Orjala; Jimmy Ensio (Davis, CA)

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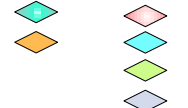
Product Name: Serenade(x) max(tm)
QST 713 strain of dried Bacillus subtilis 14.6 %
Uses: Fungicide, Microbial pesticide

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Product Name on Label: Serenade solutions biofungicide for home and garden
The EPA Registered Name for this product is: Serenade(x) max(tm)
QST 713 strain of dried Bacillus subtilis 14.6 %
Uses: Fungicide, Microbial pesticide

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United States Patent 5,602,032
 Liu , et al. February 11, 1997
Assignee: Abbott Laboratories (Abbott Park, IL)
 Appl. No.: 08/377,888
Filed: January 25, 1995

Inventors: Liu; Chi-Li (Davis, CA),
Marrone; Pamela G. (Davis, CA), Payne; Jewel M.
 (Davis, CA), Gurtler; Hanne (Holte, DK),
 Petersen; Annette S. (Birker.o slashed.d, DK)

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United States Patent 5,491,122
 Manker , et al. February 13, 1996
 Assignee: Novo Nordisk A/S (Bagsvaerd, DK)
 Novo Nordisk Entotech, Inc. (Davis, CA)
 Appl. No.: 08/351,275
 Applicant: NOVONORDISK AS (US); NOVO NORDISK
 ENTOTECH INC (US)
 Filed: December 7, 1994

Inventors: Manker; Denise C. (Davis, CA),
 Rosendahl; Connie N. (Bromby, DK), Heide;
 Morten (Holte, DK), Bachmann; Torben L. (Valby,
 DK), Nielsen; Ruby I. (Farum, DK)

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United States Patent 6,027,723
 Heins , et al. February 22, 2000
Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/915,343
Filed: August 22, 1997

Inventors: Heins; Sherry Darlene
 (Davis, CA), Manker; Denise Carol (Davis, CA),
 Jimenez; Desmond Rito (Woodland, CA), Marrone;
 Pamela Gail

United States Patent 6,015,553
 Germida , et al. January 18, 2000
Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/916,547
Filed: August 22, 1997

Inventors: Germida; James John
 (Saskatoon, CA), Heins; Sherry Darlene (Davis, CA),
Manker; Denise Carol (Davis, CA), Jimenez;
Desmond Rito (Woodland, CA), Marrone; Pamela
Gail (Davis, CA)


United States Patent 6,001,637
 Heins , et al. December 14, 1999
Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/916,847
Filed: August 22, 1997

Inventors: Heins; Sherry Darlene
(Davis, CA), Manker; Denise Carol (Davis, CA),
Jimenez; Desmond Rito (Woodland, CA), Marrone;
Pamela Gail

United States Patent 5,929,113
 Manker , et al. July 27, 1999
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/876,268
 Filed: June 16, 1997

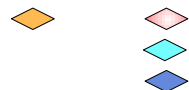
Inventors: Manker; Denise C. (Davis,
 CA), Marrone; Pamela Gail (Davis, CA), Judd;
 Stephen (Davis, CA)

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United States Patent 5,919,447
 Marrone , et al. July 6, 1999
Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/789,334
Filed: January 22, 1997


Inventors: Marrone; Pamela Gail (Davis,
 CA), Heins; Sherry D. (Davis, CA), Manker;
 Denise C. (Davis, CA), Jimenez; Desmond R.
 (Woodland, CA), Chilcott; Chris N. (Auckland,
 NZ), Wigley; Peter (Auckland, NZ), Broadwell;
 Andrew (Auckland, NZ)

United States Patent 5,906,818
 Heins , et al. May 25, 1999
 Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/916,546
 Filed: August 22, 1997

Inventors: Heins; Sherry Darlene
 (Davis, CA), Manker; Denise Carol (Davis, CA),
 Jimenez; Desmond Rito (Woodland, CA), Marrone;
 Pamela Gail

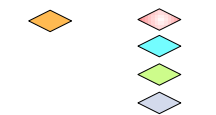
United States Patent 5,869,042
 Marrone , et al. February 9, 1999
Assignee: AgraQuest, Inc. (Davis, CA)
 Appl. No.: 08/755,060
Filed: November 22, 1996


Inventors: Marrone; Pamela Gail (Davis,
 CA), Heins; Sherry D. (Davis, CA), Jimenez;
 Desmond R. (Woodland, CA)

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Product Name on Label: Bacillus pumilus
strain QST 2808
 Bacillus pumilus strain QST 2808 1.38 %
 Fungicide , Microbial pesticide

Product Name: Technical laginex
 Lagidium giganteum, mycelium or oospores
 100%,
 Manufacturing use only no site,
 Insecticide , Miticide , Microbial
 pesticide

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 CHARACTERIZATION OF A PREVIOUSLY UN-DESCRIBED
 LAGENIDIUM PATHOGEN ASSOCIATED WITH SOFT
 TISSUE INFECTION: INITIAL DESCRIPTION OF A
 NEW HUMAN OOMYCOSIS
 Grooters AM, Proia LA , Sutton DA , Hodgins EC

United States Patent 5,801,196
Manker , et al. September 1, 1998
Assignee: AgraQuest, Inc. (Davis, CA).
P. E. Zogen (Davis, CA)
Appl. No.: 08/833,332
Filed: April 4, 1997

Inventors: Manker; Denise C. (Davis, CA), Marrone; Pamela Gail (Davis, CA), Judd; Stephen (Davis, CA)

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United States Patent 5,691,191
Heins , et al. November 25, 1997
Assignee: AgraQuest, Inc. (Davis, CA).
Appl. No.: 08/616,738
Filed: March 15, 1996

Inventors: Heins; Sherry Darlene (Davis, CA), Ewing; Duane Douglas (Woodland, CA), Marrone; Pamela Gail (Davis, CA)

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CHARACTERIZATION OF A PREVIOUSLY UN-DESCRIBED
LAGENIDIUM PATHOGEN ASSOCIATED WITH SOFT
TISSUE INFECTION: INITIAL DESCRIPTION OF A
NEW HUMAN OOMYCOSIS
Grooters AM, Proia LA , Sutton DA , Hodgins EC

United States Patent 5,677,338
Manker , et al. October 14, 1997
Assignee: AgraQuest, Inc. (Davis, CA).
Appl. No.: 08/746,894
Filed: November 18, 1996

Inventors: Manker; Denise C. (Davis, CA), Marrone; Pamela Gail (Davis, CA), Judd; Stephen (Davis, CA)

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United States Patent 5,645,831
Chilcott , et al. July 8, 1997
Assignee: BioDiscovery New Zealand Ltd. (Auckland, NZ).
AgraQuest, Inc. (Davis, CA).
Appl. No.: 08/621,774
Filed: March 22, 1996

Inventors: Chilcott; Chris N. (Auckland, NZ), Wigley; Peter (Auckland, NZ), Broadwell; Andrew (Auckland, NZ), Heins; Sherry Darlene (Davis, CA), Marrone; Pamela Gail (Davis, CA)
Assignee: BioDiscovery New Zealand Ltd. (Auckland, NZ)

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United States Patent 5,626,882
Marrone , et al. May 6, 1997
Assignee: AgraQuest, Inc. (Davis, CA).
P. E. Zogen (Davis, CA).
Appl. No.: 08/616,708
Filed: March 15, 1996

Inventors: Marrone; Pamela G. (Davis, CA), Judd; Stephen A. (Davis, CA)