

United States Department of Agriculture  
Progress Report

<b>Title:</b>		
<b>Funding Source</b>	Þ[]ÁØ[]{ æ	<b>Grants.gov No.</b>
<b>Accession No.</b>	F€FHì€G	
<b>Project No.</b>	XVÞHGGìï €JÐ€FÐG€Fï	



United States Department of Agriculture  
Progress Report

Accession No. 1013802

Project No. VTN32287

AAAAAAAA~AAAŠ! } ^ãÀæà [ ~cÁc@^Á [ ] [ ic ~ } áca^•Áæ } áÁ~ ic@^!Áá } - [ { æcá [ } Áæà [ ~cÁà^•Áæ } áÁ [ ] [ |ã } æc [ : •Á  
AAAAAAAA~AAAÖç } á^ãhá } - [ Áæà [ ~cÁ ] [ c^&cá } \*Á [ ] [ |ã } æc [ : •Á , @ã&@Áá•Áæ } Á [ ] \* [ á } \*ÉÁ \* [ , á } \*Á& [ ] &^! } Á  
AAAA~AA€FJÁX^! { [ ] } cÁV!^ÁÁØ! ~ácÁÖ! [ , ^!•ÁCE•• [ &ÁCE } } ~æ|ÁT^cá } \*  
AAAAAAAA~AA | €É | €Á & @æ } \* ^ãÁ [ ] •cÉá } ~^&cá [ ] Á-á!^Áá |ã \* @cÁ { æ } æ \* ^ { ^ } cÁc [ Áá&!^æ•^Á ] ^•cá&ãá^Á ~•^ÉÁ!^ã ~&^Á ~•^Á [-Áà! [ æãÉ• ] ^&c! ~ {  
] ^•cá&ãá^•Éá { ] [ ç^Ácá { á } \* Á [-Á ] ^•cÁ { æ } æ \* ^ { ^ } cÉÁæ } áÁá { ] [ ç^Á& [ ] -ãá^ } &^Áá } Á { æ\á } \* Á ] ^•cÁ { æ } æ \* ^ { ^ } cÁá^&ãá^•  
AAAAAAAA~AA | HÁ & @æ } \* ^ãÁæ [ ] | ^Á & æáÁ { æ } æ \* ^ { ^ } cÁc [ Áá { ] [ ç^Ácá { á } \* Á [-Á ] ^•cÁ { æ } æ \* ^ { ^ } cÉÁá { ] [ ç^Á& [ ] -ãá^ } &^Áá } Á { æ\á } \* Á ] ^•c  
{ æ } æ \* ^ { ^ } cÁá^&ãá^•Éá } áÁá } &!^æ•^Á ] [ -ãæà |ãc ^  
AAAAAAAA~AAAÖ!ãá•&æáÁ { æ } æ \* ^ { ^ } cÁ ] ^!ÁBÓYCEÁ  
AAAA~AAU& [ ~cá } \* Á Y [ !\ • @ [ ]  
AAAAAAAA~AA | HÉ | JÁ Áà^&æ { ^Á& [ { - [ !cæà | ^ç^! ^Á& [ { - [ !cæà | ^Á , áç@Á•& [ ~cá } \* Á ] [ c [ & [ !Á- [ !Á• ] ^&ã-ã&Á ] ^•c  
AAAAAAAA~AA | | ÁÁ ] |æ } Ác [ Áæá [ ] cÁæcÁ | ^æ•cÁ [ ] ^Á } ^ , Á { æ } æ \* ^ { ^ } cÁ ] ; æ&cá&^  
AAAAAAAA~AAAŠ! } ^ãÁ [ , Ác [ Á•& [ ~cÁæ } áÁ• [ { ^Á•^ } •^Á [-Á , @^} Ác [ Á \* ^cÁ& [ ] &^! } ^ãÁæà [ ~cÁ | ^ç^Á | Á [-Á ] ^•c•Á  
AAAAAAAA~AAAQA-^~^! | ^æá ~ Ác [ Áá { ] | ^ { ^ } cÁc@^Ác^&@ } á ~ ^•Ácæ ~ \* @cÁá } Á { ^ Á [ !&@æ!áÁÁ  
AAAA~AA Tãá• ~ { { ^!ÁXá } ^ ^æ!áÁTæ } æ \* ^ { ^ } cÁ Y [ !\ • @ [ ]  
AAAAAAAA~AAJ | ÁÁ@æç^Á { [ á^!æc^ð& [ ] •ãá^!æá | ^Á \ } [ , | ^á \* ^Á [-Á ] ! ^É@æ!ç^•cÁçá } ^ ^æ!áÁ { æ } æ \* ^ { ^ } c  
AAAAAAAA~AA | | ÁÁ ] |æ } Ác [ Áæá [ ] cÁæcÁ | ^æ•cÁ [ ] ^Á } ^ , Á { æ } æ \* ^ { ^ } cÁ ] ; æ&cá&^

Accession No. 1013802

Project No. VTN32287

&@æ} \*^há } &!^æ•â } \*^áæ } áÁ , ^Á , á||Áæ||Á } ^áá^ ~ ] áæc^ááá } - [ ! { æcá [ ] Áæà [ ~ cá • ] ^&á^•áá } ÁX^! { [ ] cá  
**Master Gardener Advanced Training**

ÁÁÁÁ~ÁÁ Ì Î È € € Á { [ á^!æc^ð& [ ] •áá^!æà^!Á \ } [ , |^á \*^Á [ ] ÁÒ { ^!æ|áÁ€•@ÁÓ [ ^!ÉÁ]æ , } \*^! ~ à•ÉÁáá•^æ•^Á!^•á•cæ } cÁçæ!á^cá^•ÉÁ ] |æ } cá } \*  
cá { á } \*^ÉÁ•& [ ~ cá } \*^ðc!æ ] ] á } \*^ÉÁ ] ^•cÁáá^ } cá-á&æcá [ ] ð|á-^& ^&|^ÉÁ&@ [ á&^Á [ -Ááá [ [ \*^á&æ|Á^••Ác [ çá&Á ] ^•cá&áá^ÉÁ ~ } á^!•cæ } áá } \*^Á|æà^!•ÉÁ ] ! [ ] ^!  
] ! ~ } á } \*^ðcæ\á } \*^ð , æc^!á } \*^ð { ~ |&@á } \*^ÉÁ& [ [ ] Á! [ cæcá [ ] ÉÁ!^& [ !áÁ\^ ] á } \*  
ÁÁÁÁ~ÁÁ G € € Î € Á Á^!^æ } ^áá• [ { ^c@á } \*^Ác@æcÁ , á||Á!^á ~ &^Á ~ ^Á [-Á ] ^•cá&áá^•  
ÁÁÁÁ~ÁÁ ÁQÁ!^æ! } ^áá• [ { ^Ác!á&\ •^Áæà [ ~ cá ] ^•cÁ { æ } æ \*^ ^ { ^ } cÁc [ Á [ ] cá { á : ^Á { ^Á& [ [ ] •^áæ } áÁ!^á ~ &^Ááæ { æ \*^Áá^Á ] ^•c•Á , áç@ [ ~ cá!^• [ !cá } \*^Ác [ ] ^•cá&áá^•Á  
ÁÁÁÁ~ÁÁ V @á^Ác ^ } ^Á [-Á!^æ! } á } \*^Á!^æ||^Á@^ ] •^Ác [ Á&^ { ^ } cáá } - [ ! { æcá [ ] Ác@æcÁ [ ] ^Á { á \*^cÁ^æá } Áá^Á!^æáá } \*^Á [ !Á!^&c ~ !^•Á  
**Greenhouse/High Tunnel/Nursery Pollinator Habitat Program**

ÁÁÁÁ~ÁÁ Ì Î Á áááá } [ cá ~ ^Á@æááæcá ] |æ } cá } \*^Á ] á [ !Ác [ Á ] ! [ \*^!æ {  
ÁÁÁÁ~ÁÁ F € € Á Á& [ ] cá } ^Ác [ Á ~ ^Á@æááæcá ] |æ } cá } \*^Á •^c^ { •  
ÁÁÁÁ~ÁÁ Î È Ì Î Á Á { [ á^!æc^ð& [ ] •áá^!æà^!Á \ } [ , |^á \*^Á [-Áá^ ] ^-á&ææ|áááá^!á& ^&|^ÉÁ ] |æ } c•Ác [ Áæcc!æ&cÁá^ ] ^-á&áæ!•  
ÁÁÁÁ~ÁÁ Î Î Á Áæcc!æ&c^áá } ~ à|á&Áæcc^ } cá [ ]  
**Plant Diagnostic Clinic Disease/Insect/Weed Diagnostics**

ÁÁÁÁ~ÁÁ J Î Á Á& [ { { ^!&áæ|Á&|á^ } c•Á ~ •^áÁQÚT Ác [ Á { æ } æ \*^Ác@^!Á ] ^•cÁ ] ! [ à!^ {  
ÁÁÁÁ~ÁÁ Î Î Á Á& [ { { ^!&áæ|Á&|á^ } c•Á , ^!^Áæà!^Ác [ Á!^á ~ &^Á ] ^•cá&áá^•  
ÁÁÁÁ~ÁÁ Á Î H Î Á Áç^!æ \*^Á ] ^!Á&|á^ } cÁ^•cá { æc^áá& [ •cÁ•æçá } \*^Áá^Á!^á ~ &á } \*^Á ] ^•cá&áá^•Á ~ •^  
ÁÁÁÁ~ÁÁ ÁQÁ \* [ cá ] [ •áçáç^ÁQÖÁ [-Á•] ^&á-á&Á ] æc@ [ \*^ ] •^áæ } áá& [ ] •^ |cáæà [ ~ cá@ [ , Ác [ Áá^æ!á , áç@Ác@^ { Á  
ÁÁÁÁ~ÁÁ Ácáá^ÁæÁçææ!Á!^• [ !&^Á- [ !Á-æ! { ^!•Áá } ÁXVÁ

**What opportunities for training and professional development has the project provided?**  
**Agronomy Field Days & Winter Conferences**

ÁÁÁÁ~ÁÁ F F c @ Ác } } æ|ÁP [ ] •ÁÖ [ ] -ÉÁÓ ~ !|á } \*c [ ] ÁXVÁGðG Ì ðG€ÁÇ Î Áæcc^ } á^•Á•ÉÁF€ÁçæÁ|ç^!áà [ æá&æ•cð  
ÁÁÁÁ~ÁÁ F Î c @ Ác } } æ|ÁÖ!æá } ÁÖ! [ , ^!•ÁÖ [ ] -ÉÁÖ••^çÁXVÁHðG Ì ðG€ÁÇÖæ } &^!|ááá ~ ^Ác [ ÁÖUXXÖÉFJÜ  
ÁÁÁÁ~ÁÁ C€ \*^ ] áæ•ð ] !^•^ } cæcá [ ] •KÁ@cc ] Kðð \* [ É ~ ç { É^á ~ ð& ~ ~ Î^

**Dry Bean Disease Survey**

ÁÁÁÁ~ÁÁ Î Á-æ! { •ÁÇ Î Î Áæ&!^•Ác [ çæ|DÁ •^!ç^~^áÁc , á&^Áá ~ !á } \*^Ác@^!Á^æ• [ ] Áá } ÁG€F Î ÁBÁG€FJÁ- [ !Ááá^•æ•^ðá } •^&cÁ ] ^•c•ÁçcE!à ~ ! \*^ÉÁÖæ { à!áá \*^É  
Öæ } á^ÉÁÖ! [ ç^!ÁXVÁæ } ááP [ !c@-á^!áÁ T CED  
ÁÁÁÁ~ÁÁ ÁÖæ! { ^!•Áá } çáç^ááÁc [ Á ] æ!cá&á } æc^ÉÁæ••á•c^áá , áç@Á•& [ ~ cá } \*^Á Î Î Á Á [-Ác@^!Ácá { ^

**Seed Quality Testing**

ÁÁÁÁ~ÁÁ F Î J Á•æ { [ ] ^•Áá } ÁG€F Î LÁF Î H Á•æ { [ ] ^•Áá } ÁG€FJLÁæ } æ!^ : ^áÁ- [ !Ááá^•æ•^ÉÁ { ^& [ c [ çá } •ÉÁ \*^! { á } æcá [ ] Áç• { æ||Á \*^!æá } •ÉÁá!^Áá^æ } •ð  
**Agronomy Extension Outreach Education**

ÁÁÁÁ~ÁÁ Xáç^!æ!ÁÜ^!æç^!ÁÜ& [ ~ cá } \*^ÁV [ [ ] Á- [ !ÁP [ ] ÁÖ! [ , ^!•ÁçXÜÜ& [ ~ cÁP [ ] •DÁ& [ { [ ] ^c^ááG€FJÁ@cc ] Kðð \* [ É ~ ç { É^á ~ ðH { ^~c  
ÁÁÁÁ~ÁÁ U } á } ^Á& [ ~ !^•Á [-ÁG€€ÁP [ ] •ÁÖ [ ] -Á@cc ] •Kðð&æ { [ ] ~ •É^ç^• } •á } É [ !^ð^ ] ! [ ] ðá } á^çÉ ] @ ] NíáMF Î Î  
ÁÁÁÁ~ÁÁ Á ÁP [ ] ÁÖ! [ \*^ÁÜ ] •c•Á@cc ] Kðð \* [ É ~ ç { É^á ~ ð! •çá Î  
ÁÁÁÁ~ÁÁ Á ÁP [ ] ÁÜ [ , ^!ÁP [ ~ !Á , ^áá } æ!•ÁçTæ•c^!á } \*^Á• ] !á } \*^Áæ&cáçáçá^•ÉÁÜ [ , á^!^Á { á|á^ , ÉÁÖ^&æá^KÁæÁ-æ! { ^!Á•@æ!^•Á^ç } ^!á^ } &^•É  
Q! !á^æcá [ ] Á•^c^ { •ÉÁPæ!ç^!ÁcÁçá { á } \*^ð^~^&cÁ [ ] Á ~ æ|ç^ÉÁP [ ] Áçá! ~ ^•ðçá! [ áá•DÁçFF€Á ] ^ , Áçá^ , •DÁ@cc ] Kðð \* [ É ~ ç { É^á ~ ðJ ] ^ : ^

**Orchard/Vineyard Scouting Network**

ÁÁÁÁ~ÁÁ F F Á !&@æ!á•Á•& [ ~ c^áá , ^Á\ ] ^ÉÁG€FJÁ^æ• [ ] LÁ Î Á !&@æ!á•ÁÉÁFÁçá } ^~æ!áá-! ~ áçáæ••^••^á  
ÁÁÁÁ~ÁÁ V @á!áÉ } æ!c^Á [ ] á } ^!^!^ ] [ !cá } \*^Á ] |æc- [ ! { Ác!áæ!^á

**Apple/Grape IPM Guideline Assessment**

ÁÁÁÁ~ÁÁ C€•••• { ^ } c•Áá^ç^! [ ] ^áá [ ] ÁáÜáÜÖÁQÚT ÁÖ!^ { ^ } c•Á ] |æc- [ ! { Á@cc ] •Kðð^!^ { ^ } c•Éá ] á ] ^É [ !^ð  
**Apple/Grape Extension Outreach Education**

ÁÁÁÁ~ÁÁ Î Î G Î Á } æ \*^Áçá^ , •Á [-ÁWX T ÁÖ! ~ áçKÁV!^ÁáÖ! ~ áçÁBÁF Î G F Á } æ \*^Áçá^ , •Á [-ÁWX T ÁÖ! ~ áçKÁÖ!æ ] ^•  
ÁÁÁÁ~ÁÁ F Î Á •^ á •&!áá^áá [ Áççæ ] ] ^!^! [ , ^!|á } c•^!çLÁG Î Á •^ á •&!áá^áá [ Áçç! { [ ] c \*^!æ } ^!|á•c•^!ç  
ÁÁÁÁ~ÁÁ Î Î ÁWX T ÁÖ! ~ áçÁá [ \*^ÁQÚT Á ] [ •c•Á@cc ] Kðð \* [ É ~ ç { É^á ~ ð [ \*^!^  
ÁÁÁÁ~ÁÁ Î J Á \*^! [ , ^!Á& [ ] •^ |cæcá [ ] •



United States Department of Agriculture  
**Progress Report**

--

United States Department of Agriculture  
Progress Report

Accession No. 1013802

Project No. VTN32287

Greenhouse/High Tunnel QUTÁá)- [ { æcá [ } Áá•Ááá•c:íà~c^áÁc@! [ ~ \* @Á , [ ! \ • @ [ ] •ÉÁ& [ ] -^!^ } &^ÉÁ ] !^•^ } cæcá [ ] •ÉÁ•áç^Áçá•áç•É  
-æ&c•@^c•ÉÁ , ^à•áç^•ÉÁçæ&^à [ [ \ Á ] æ\*^Áæ } áÁæÁíá•c•^!çÉ

Master Gardener QUTÁá)- [ { æcá [ } Áá•Áá^!ç^!^áÁc@! [ ~ \* @Áç^ÁÁ Tæ•c^!ÁÖæ!á^ } ^!ÁÖ [ ~ ! •^ÉÁç@! [ ~ \* @Áç^ÁÁ Tæ•c^!ÁÖæ!á^ } ^!  
P^ [ ] íá } ^ÉÁÖ TÖÁ } ^ , •|^cc^!ÉÁ•cæc^Á!^ [ [ !c•ÉÁ , ^à•áç^Áæ } áÁ^ { æí!•É

Plant Diagnostic Clinic QUTÁá)- [ { æcá [ } Áá•Ááí•c:íà~c^áÁc@! [ ~ \* @Á•æ { } |^Áááæ\* } [ •í•ÉÁ , ^à•áç^•ÉÁ { ^cá } \* •ÉÁ ] !^•^ } cæcá [ ] •É  
^àá } æ!•ÉÁ } ^ , •|^cc^!•ÉÁç^!çá•á [ ] ÉÁ!æáá [ ÉÁ-æ&c•@^c•ÉÁ^ { æí!ÉÁæ } áÁ ] @ [ ] ^Á&æ!|•É

Pesticide Applicator Online Education Á , á!|Áà^Áç@! [ ~ \* @Á , ^àá } æ!•ÉÁ-æ&c•@^c•Áæ } áÁ ] !^•^ } cæcá [ ] •É

What do you plan to do during the next reporting period to accomplish the goals?

Continuation of ongoing objectives:

Agronomy Field Days and Winter Conferences: ÁÇE } } æ!|ÁÖ!æá } ÁÖ! [ , ^!•ÁÖ [ ] -^!^ } &^LÁÇE } } æ!|ÁP [ ] •ÁÖ [ ] -^!^ } &^LÁÇE!á  
Öæ^É

Dry Bean Disease Survey: Á& [ { } |^c^á

Seed Quality Testing: ÁÇæ! { ^!•Á , á!|Áà^Á [ ~^!^áÁ•^áá~ æ!|áç^Áç^cá } \*É

Agronomy Extension Outreach Education: WX T Á P [ !c@ , ^cÁÖ! [ ] •Á , ^à•áç^ÉÁP [ ] ÁÓ! [ \*ÁÚ [ •c•LÁP [ ] ÁÚ [ , ^!ÁP [ ~!  
^áá } æ!•LÁÚ!^•^ } cæcá [ ] •ÁæcÁ! [ &æ!Áæ } áÁ!^\*á [ ] æ!|Á& [ ] -^!^ } &^É

Orchard/Vineyard Scouting Network: ÁFÁ [ !&@æ!áÁ•& [ ~c^áÁ , ^\ | ^LÁFÁ [ !&@æ!áÁFÁçá } ^æ!áÁ-!~áçÁæ•^•^áÉÁ!^•~|c•Á!^ [ [ !c^áÉ

Apple/Grape IPM Guideline Assessment: ÁÖ@æ } \*^Á , ^àÁ ] æc- [ ! { LÁÖ! [ , ^!Áç!áæ!P^çæ! } æcá [ ]

Apple/Grape Extension Outreach Education: ÁVWX T Á Ç!~áçÁ , ^à•áç^ÉÁíá•c•^!ç•ÉÁà! [ \*Á ] [ •c•LÁ\*! [ , ^!Á& [ ] •~|cæcá [ ] •LÁU } É-æ! {  
[ ! \ • @ [ ] LÁ ] !^•^ } cæcá [ ] •ÁæcÁ! [ &æ!Áæ } áÁ } æcá [ ] æ!|ÁÉ

Greenhouse/High Tunnel/Nursery Tri-State IPM:

United States Department of Agriculture

**Progress Report**

<b>Accession No. 1013802</b>	<b>Project No. VTN32287</b>
------------------------------	-----------------------------

**Actual FTE's for this Reporting Period**

Role	Non-Students or faculty	Students with Staffing Roles			Computed Total by Role
		Undergraduate	Graduate	Post-Doctorate	

Administrative

United States Department of Agriculture  
Progress Report

<b>Accession No. 1013802</b>	<b>Project No. VTN32287</b>
------------------------------	-----------------------------

Type	Status	Year Published	NIFA Support Acknowledged
Other	Published	2019	NO

**Citation**

Hazelrigg, A. and G. Maia. 2019. Brassica Diseases. <http://go.uvm.edu/whl4v>

Type	Status	Year Published	NIFA Support Acknowledged
Other	Published	2019	NO

**Citation**

Hazelrigg, A. and G. Maia. 2019. High Tunnel Tomato Diseases. <http://go.uvm.edu/li5nf>

Type	Status	Year Published	NIFA Support Acknowledged
Conference Papers and	Other	2019	YES

**Citation**

Hazelrigg, A. and G.S Maia. 2019. Weather and Climate Impacts on Plant Disease in Vermont in Summer 2018. National Plant Diagnostic Network Meeting, Indianapolis, IN.

Type	Status	Year Published	NIFA Support Acknowledged
Websites	Published	2020	YES

**Citation**

Hazelrigg, A. 2020. UVM Extension Master Gardener. <https://www.uvm.edu/extension/mastergardener>

Type	Status	Year Published	NIFA Support Acknowledged
Websites	Published	2020	YES

**Citation**

Sullivan, C.E.F. and Skinner, M. 2020. Greenhouse Integrated Pest Management Website: <http://www.uvm.edu/~entlab/Greenhouse%20IPM/UVMGreenhouseIPM.html>

Type	Status	Year Published	NIFA Support Acknowledged
Conference Papers and	Published	2020	NO

**Citation**

Skinner, M., C.F. Sullivan & E. Sanchez. 2020. Habitat plants to support beneficials in high tunnels: The best things in life are free. In: Proc. Mid-Atlantic Fruit & Vegetable Convention, 28-30 Jan. Hersey, PA. PA Veg. Growers Assoc. pp: 78-79.

Type	Status	Year Published	NIFA Support Acknowledged
Other	Published	2019	YES

**Citation**

Skinner, M. & C.F. Sullivan. 2019. Native Solitary Bees and How to Support Them. Univ. of VT, Entomology Research Laboratory, Burlington VT. 2 pp.

United States Department of Agriculture

Progress Report

<b>Accession No. 1013802</b>	<b>Project No. VTN32287</b>
------------------------------	-----------------------------

<b>Type</b>	<b>Status</b>	<b>Year Published</b>	<b>NIFA Support Acknowledged</b>
Other	Published	2020	YES

**Citation**

Sullivan, C.F., A. Davari, B.L. Parker & M. Skinner. 2020. Marigold Guardian Plant Production Guidelines. Entomology Research Laboratory. Tri-State Greenhouse IPM Workshops. Manchester, ME., Durham, NH & Burlington, VT. 2020.

<b>Type</b>	<b>Status</b>	<b>Year Published</b>	<b>NIFA Support Acknowledged</b>
Conference Papers and	Published	2019	YES

**Citation**

Sullivan, C.E.F. & M. Skinner. 2019. Attracting & Sustaining Aphid Natural Enemies in High Tunnels. Univ. of VT Entomology Research Laboratory. PennState Ag Progress Days, Rock Springs, PA. August 13-15, 2019.  
<https://www.uvm.edu/~entlab/High%20Tunnel%20IPM/Factsheets/Habitat%20Plants%20in%20High%20Tunnels%20Natural%20Enemies%202019%20version.pdf>

<b>Type</b>	<b>Status</b>	<b>Year Published</b>
Conference Papers and	Published	2019

**Citation**

**Progress Report**

**Accession No. 1013802**

**Project No. VTN32287**

**Product Type**

Data and Research Material

**Description**

Seed Quality Testing: farmers offered seed quality testing. Results with information on how to reduce pathogens in seed lots sent to the grower to promote certified seed use or cleaning of seed when disease is present.

**Product Type**

Other

**Description**

Agronomy Extension Outreach Education: conference proceedings and meeting videos , two IPM Briefs/year, blog , scouting info, identification and IPM strategies for a broad range of crops. A Dry Bean IPM guide, previous guides (hops, oilseeds, cereal grains) updated, goScout Action Survey-hop growers surveys, ID Hour, Virtual Reality (VR) video environments.

**Product Type**

Data and Research Material

**Description**

Orchard and Vineyard Scouting Network: weekly coordinated orchard pest monitoring. Weekly results communicated to participating orchards to guide pest management decisions. Online reporting platform developed to track state-wide trap captures. Two vineyards will be evaluated at veraison and harvest for incidence of disease and insect pest damage.

**Changes/Problems**

,P [c@a} \*Ac [A!^] [ !c