

THE COMMONWEALTH OF MASSACHUSETTS

EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS



Department of Agricultural Resources

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Commissioner

FINAL

Meeting Minutes, Board of Agriculture

Wednesday, August 8th, 2018

MA Division of Fisheries and Wildlife, Richard Cronin Building, Room 110

1 Rabbit Hill Road

Westborough, MA 01581

Board Members in Attendance: Chair Abrams, Fred Dabney, Judy Leab, Skip Vadnais, Jr., Laura Sapienza-Grabski, Lucinda Williams, Michael Smolak, Donald Chase, and Lydia Sisson with Alison Carr, and Michelle Harvey via remote participation.

- 1. Call to Order:** Chair Abrams called the meeting to order at 10:00am and acknowledged the Board has a quorum with Alison Carr participating remotely via phone for geographic reasons. In accordance with the Open Meeting Law, the Chair employed remote participation with all votes being taken via roll call.
- 2. Meeting Minutes Summary:** The Board considered for approval the meeting minutes of 05/09/18. **Discussion:** Ms. Sapienza-Grabski inquired if minutes are available from the meeting about the open meeting law on June 12th. Commissioner Lebeaux acknowledged minutes are available however; they weren't ready for today's meeting given current understaffing in senior staff with the absence of Alisha Bouchard. **Action Taken:** Mr. Dabney made a motion to approve the 05/09/18 meeting minutes. The motion was seconded by Ms. Leab. **Roll Call Vote** - Mr. Vadnais, Jr. - Aye, Mr. Dabney - Aye, Ms. Leab - Aye, Mr. Chase - Aye, Ms. Sapienza-Grabski - Aye, Mr. Smolak - Aye, Chair Abrams - Aye, and Ms. Carr - Aye. The motion unanimously passed.

Old Business

- 3. APR Review - Recent Legislation and Regulations:** Commissioner Lebeaux directed the Board to their member packets referencing the document webpage print out of the Agricultural Preservation Restriction (APR) Details, and a document labeled 4A of the recently passed APR legislation in the budget that made changes to the APR program. The Commissioner acknowledged the Board's previously expressed interest to take a comprehensive look at the Department's policies, program, guidance, regulations, etc. However, since everything derived from the law and the law was recently changed; Commissioner Lebeaux thought it appropriate to consider pointing back to the law and review the changes to the law if the Board is agreeable. Margaret Callanan, MDAR General Counsel walked the Board through the handout of APR changes in law. See attached handouts referenced above. **Discussion:** Following Mr. Smolak inquired if a prospective APR participant gets an education about the APR program; Ms. Callanan affirmed that they would. Ms. Leab inquired whether prospective APR participants receive a financial

conference about selling their development rights and suggested a financial consultation. In response, Gerard Kennedy, Director of the Division of Agricultural Conservation and Technical Assistance (DACTA) confirmed that the Department does sit down and explains the APR process, the APR document and the options provisions with the land owner. Mr. Kennedy noted that the APR owner is generally represented by legal counsel.

Ms. Sapienza-Grabski inquired about when the Department exercises Right of First Refusal (ROFR), Option at Ag Value (OPAV) or similar right aimed at an APR if there were different payment options for the farmer. Mr. Kennedy explained the earlier APRs have no ROFR and provided background on concerns raised by the ALPC back in the mid-1980s about the estate market and people purchasing APRs at reduced value and then not farming those lands. ROFRs were first produced and allowed the Department to determine who the actual land owner was and who farmland was actually being sold to. ALPC then became involved and concerned about land value and so the OPAV was created. Mr. Kennedy concluded that all APRs executed today have a provision for the options. Ms. Sapienza-Grabski mentioned that the USDA, NRCS doesn't have these same requirements and expressed her concerns that MDAR changes the value of land, and suggested we should revisit whether this is still applicable in this market and mentioned that the program is cumbersome. Mr. Smolak and Ms. Williams briefly discussed his challenges with some APR land and FSA not being able to provide him loans a year ago whereas, Ms. Williams had no issue recently getting a loan from FSA with her APR land.

At this time, Ms. Callanan finished up reporting the major provisions included in the new APR legislation and noted more consultation will be done with the Board of Agriculture. Ms. Callanan expressed MDAR's hope that the Board would give some direction going forward in terms of what the Board would like to focus on going forward in this particular review. Chair Abrams commented that the Board was going to spend time going over all the regulations and guidelines noting the amount of documents to be read and that now the Department shall review every three years with the ALPC. Adding to Ms. Callanan's presentation, Mr. Kennedy further explained that landowners can now withdraw from the offer at any time and appeal MDAR decisions, and that offers from MDAR to the land owner is based on appraisers' valuation. The land owner would get the appraiser to value his/her land. Ms. Laura Sapienza-Grabski expressed that there should be a strictly defined timeline that should be better communicated to avoid individuals left hanging. She inquired if there were ways to make the process smoother. Mr. Fred Dabney mentioned that he doubts MDAR can expedite the process because MDAR needs to gather a large amount of information in a short period of time.

Going back to the three year review and whether that starts now or three years from now; Mr. Kennedy thought the focus now is on the regulations given the timeframe the Department is under to promulgate the regulations by August 2019 in consultation with Ag Board and ALPC. The focus right now should be on the regulatory piece and making sure whatever is required in legislation is implemented. The promulgation of regulations takes time and this is a very tight window as we have to go out to public hearing and take comments from the Ag Board, ALPC and public comments.

Commissioner Lebeaux mentioned that the ultimate consultation needs to happen as a public body whereby the Department is consulting with both the Ag Board and ALPC. Continuing the Commissioner said we'll have to translate what is required in the legislation

into practical ramifications of exactly what we have to do. Chair Abrams suggested the Department layout an outline for the next year of how this may work. A general discussion on ALPC and Ag Board meetings occurred where it was mentioned that Ag Board members may attend ALPC meetings, and vice versa. The idea of joint meetings was briefly discussed. It was noted by Mr. Skip Vadnais Jr. that the ALPC recently increased their membership by two members which increases their quorum requirement by one additional member. This may increase their difficulty to assemble a quorum. The idea of having a subcommittee with members from the ALPC and Ag Board was discussed. It was noted that the next ALPC meeting is on September 6th at 10am in the same room the Ag Board is meeting in right now. Commissioner John Lebeaux mentioned that all Ag board members are welcome to attend as it is open to the public. Board members then discussed briefly with the Commissioner how joint meetings with the Ag Board and ALPC could possibly work. Ms. Laura Sapienza-Grabski and Mr. Skip Vadnais Jr. briefly discussed special committees and subcommittees. Mr. Skip Vadnais Jr. pointed out that this Board and the ALPC have to hear, discuss, deliberate, consult, etc. Chair Abrams inquired if next month the Department could have a rough outline to which the Commissioner affirmed.

At this time, Ms. Sapienza-Grabski inquired about the APR audit and what information MDAR had on that. Commissioner John Lebeaux acknowledged that MDAR expected the audit to be completed a month ago, but MDAR has not gotten any information as to when it may be released. The Commissioner mentioned a draft of the audit has been received, but the draft cannot be published as it is not final and subject to change. Ms. Sisson asked if it was possible for the Board to get notes from the September ALPC meeting; to which the Commissioner affirmed. The Board briefly discussed the increase of two seats to the ALPC with passage of the new APR legislation and asked the Department a couple of clarifying questions about the APR process, appraisals, and land values. The Commissioner reminded the Board of the documents emailed to the Board with the meeting agenda which includes APR links to regulations, resources, etc. See attached handouts. **Action Taken:** None.

NEW Business

4. **MDAR HR Updates:** Commissioner Lebeaux reported to the Board a number of personnel updates at the Department. The hiring process to backfill the Assistant Commissioner's position is well on its way. However, the Commissioner is not prepared to offer a candidate's name for the Board's consideration at this time but rather at the Board's next meeting on September 20th. The Commissioner plans to forward the candidate's resume to the Board before the next meeting and to have that person available during the meeting for members to speak with them. **Discussion:** Commissioner Lebeaux discussed with the Board the hiring process for the Assistant Commissioner position, bringing a candidate forward and various ways the process was executed in the past. Continuing the Commissioner reported on recent MDAR vacancies and the status of hiring in the Department's various Divisions including: Ag Markets, Agricultural Conservation and Technical Assistance (DACTA), Crop and Pest Services, Fiscal and in the State Reclamation and Mosquito Control Board's (SRB) Fiscal Unit. In conclusion, the Commissioner introduced a summer intern with the MDAR from Morrisville State College who is finishing her degree in agricultural business development. **Action Taken:** None.

Michelle Harvey joined the meeting via remote participation.

5. **Budget Updates:** Commissioner Lebeaux directed the Board to the financial reports provided for a recap of Fiscal Year 2018 and a pie chart indicating sources of funding from state, capital, federal, and trust funds. Reports included 2018 expenditures at approximately \$38 million with 78% effectively pass through as noted. The remaining 22% or \$5.2 million supports Department operations. Capital bond funds will be 100% expended for the fiscal year with another 300 acres in protected farmland added through the APR program. The Commissioner further reviewed the various streams of funding and related spending along with the amount of revenue the MDAR brings in to the Commonwealth's General Fund that is not retained for Department use. **Discussion:** Board members discussed the new online pesticide licensing portal along with the amount of revenues and fees the Department brings in. Ms. Sapienza-Grabski inquired specifically about the amount of revenues coming in via fees from different agricultural entities versus the amount of services provided and/or spending directed to them. After further discussion, the Commissioner advised a report will be available at the next meeting that breaks down revenue by source. However, right now most of money comes in from pesticide licensing fees, pesticide product registrations, and fertilizer fees. Otherwise, to correlate incoming revenues from an industry such as dairy versus the amount of funding and resources directed to the industry through various programs, and all the agency Divisions would require a significant amount of effort to quantify.

Continuing with budget updates the Commissioner reported on new programs such as; the Food Trust Program (a shared task with the Executive Office of Housing and Economic Development), and the Agricultural Climate Resiliency & Efficiencies (ACRE) Program. Also, funding for new personnel and testing with UMASS for the new programs related to cannabis and hemp were included in the Commissioner's report. The Board discussed funding for Farm Viability, the APR Program and stewardship. The Commissioner reported on the status of the Environmental Bond Bill and a provision in the Bill that could move agricultural composting regulatory authority from MDAR and put it under MassDEP. Next, the Board discussed improvements on the status of the Healthy Incentives Program's operational challenges and funding. The new Ag Estate Tax Reform allows for generational passage of farmland; the program is run by the Department of Revenue so any technical questions would be referred to DOR. The Commissioner finished up his report with information on selling raw milk off the farm, animal inspector trainings to be available online via PACE, animal inspector updates to the Barn Books, and language that expands to allow fines for pesticide violations. The Commissioner noted items listed on the last page of the report provided to the Board are not final and that we should see more in the next couple of days. See attached handouts.

6. **FY18 Grant Updates:** Commissioner Lebeaux acknowledged the Board's request at the last meeting for information on who the Department gives grants to, where they are located and the amount of the grants. The Board was provided a report listing all the 2018 grants awarded. See attached handouts.
7. **Legislative Updates:** Ms. Callanan reported on two other big items the food safety language adopted as part of the budget which amends MGL Chapter 128 to authorize the Department to enforce the federal Food Safety Modernization Act (FSMA). The language in an outside section of the budget, authorizes the Department to conduct inspections, issue reasonable orders, and provides for collaboration with MA Department of Public Health (DPH) going forward. MDAR's Commonwealth Quality Program (CQP) will merge with FSMA for

compliance purposes. The other bill that passed and Ms. Callanan reported on was the Act to Protect Animal Welfare which passed and improves cross jurisdictional reporting across animal cruelty agencies by officials who are responsible for seniors, children, and the disabled. The bill prevents automatic euthanasia from the cock fighting industry, modernizes allegations against animal sexual abuse, requires property owners to inspect property for abandoned animals, insurance companies to collect data on animals, and state drowning of animals as a violation of law.

Discussion: The Board reviewed with the Commissioner the \$250,000 dollar threshold for a farm to trigger FSMA requirements and how below that amount is strictly voluntary. Also examined was funding for the Food Safety grant program and how it provides farmers the opportunity to buy equipment to help with their food safety obligations. The Commissioner offered to bring Michael Botelho to a future meeting for a presentation on FSMA and invited the Board to the new food safety office located in Lakeville. The Board briefly discussed the animal welfare legislation and the proposed dairy tax credit increase from \$4 to \$6 million dollars. Unfortunately, the cranberry tax credit did not pass. **Action Taken:** None.

8. **Hemp Program Update:** Ms. LaScola, Director of the Division of Crop & Pest Services reported on the new Hemp Program and reviewed the handout provided to the Board. To-date, MDAR has received fifteen (15) applications and issued thirteen (13) licenses for dual and individual growers and processors. Currently, the majority are for dual licenses while only four (4) are strictly growers and zero are strictly processors. The majority of hemp farmers are located in Western MA with 22 acres planted outside, and 6,000 square feet planted inside. The biggest issue for growers right now is seed germination because of environmental conditions including soil and weather. **Discussion:** Mr. Dabney inquired about seed testing and Ms. LaScola explained the program requirements for seed paperwork and lab testing for acceptable THC levels. Marijuana and hemp come from the same cannabis plant the only difference being the THC level. Board members discussed with Ms. LaScola the hemp program's staffing needs, responsibilities, and MDAR's work with the Cannabis Control Commission. The Board explored questions about the cannabis plant such as; cross pollination, CBD production, growing conditions, and harvesting. See attached handout. **Action Taken:** None.

9. **Members' Reports:** Ms. Carr reported on the cranberry season which is in full swing and hoping for more rain but getting ready for the upcoming harvest. The cranberry association meeting was to take place at the end of August. Ms. Harvey also reports on the need for rain in the nursery industry and the biggest challenges being regulations, DOT increased costs moving goods in and out of nurseries, and the industry provided testimony on neonic legislation. If the legislation were to pass it would have a big impact on the industry. Ms. Williams reports the dairy industry still waiting for the passage of the increased tax credit and that her area has been flooded with plenty of rain. Mr. Dabney noted no rain and increased heat has not been helpful and nobody is buying however, landscaping is doing well. Ms. Sisson referred back to her HIP updates earlier in the meeting and noted the Cannabis Advisory group is still meeting however, nothing recently. Also, Ms. Sisson reported outreach to URI is underway to see about connecting urban and rural at the Urban Ag Conference which MDAR is not doing any longer because of taking on the Food Ventures and Food Trust Programs. Ms. Sapienza-Grabski reported on Ag Commissions' training sessions for animal regulations and resources, monitoring animal activists hitting a farms and getting police and farmers advanced notice. Ms. Smolak mentioned business numbers

are down also because of regulations, etc. He also made mention of the suicide rate for farmers which is heartbreaking.

Mr. Vadnais, Jr., brought up the special meeting in June regarding the complaint of a violation and wanted know if since the Board answered the complaint if there has been a response. Ms. Callanan reported that the Board's letter was sent to the Attorney General's Office (AGO) and the complainant. MDAR received a letter back from the AGO saying the complainant has until August 24th to decide to pursue the matter further. Ms. Callanan spoke with the AG's Office about training and they do not come to specific boards and do trainings but they provide regional trainings. Mr. Vadnais, Jr. inquired if Counsel could provide an open meeting information session as it is done on a municipal level. Ms. Callanan confirmed that could be done. Ms. Sapienza-Grabski indicated she never replied back to 24th because she was waiting to hear what the Board was going to do, and with no minutes that should have been provided at this meeting, and it probably should have been on the agenda to discuss. Ms. Sapienza-Grabski expressed her feeling that the issue was ignored for this meeting, it should have been addressed, and that it appears it is being pushed past the time date so that nothing gets done. Ms. Callanan explained what the Department heard from the Board was to look at best practices which she can definitely bring to the Board and do that at the September meeting; if that is inline with what the Chair may want to do. The training can be done at any meeting. Ms. Williams noted part of that was the minutes. Chair Abrams followed up by saying she wasn't aware MDAR hear anything back so that's why it wasn't on the agenda. Plus with Ms. Bouchard out the Chair knew that trying to get two sets of minutes ready would be challenge so she wasn't aware that there was anything to be brought up today. Ms. Sapienza-Grabski said there is an online training and she thinks everybody should take the online training option. She indicated she would be happy to write a letter to say if the board members took it upon themselves to take the online this would suffice.

Mr. Vadnais, Jr., expressed the need for a resolution given the amount of time it has taken to address the situation. He wants to know what the resolution of it was and if it had to do with the inclusion of the memo or regarding things from the minutes. Continuing Mr. Vadnais, Jr., recalled the online training has to do with things other than minutes and the Board could address the minutes with a simple primer from Counsel on minutes regarding what is necessary and what isn't. Mr. Vadnais, Jr., indicated this solution meets the law, meets Ms. Sapienza-Grabski's concern and it educates. Ms. Sapienza-Grabski indicated this was fine but reiterated it would be nice to get the minutes within a couple weeks of a meeting. Ms. Callanan suggested the training sounds good and apologized that the June meeting minutes were not done in time for this meeting. Mr. Vadnais, Jr., commented that timeliness is a concern because as time goes memories fade, and noted at municipal level the same challenges with minutes occur all the time for the same reasons understaffed, overworked, etc. Commissioner Lebeaux reinforced what Ms. Callanan said; the Department wanted very much to get the minutes to the Board for this meeting. The Commissioner explained that everyday we have have to decide or other people decide what the agency priorities are of the day and that the agency genuinely intended to get the Board the minutes for this meeting and he apologized that it did not happen. However, there were items the agency simply had to address and ran out of time but will try to do a better job. **Action Taken:** None.

10.Date, Time and Location of Next Meeting: The Board's next meeting is at 10:30am on Thursday, September 20th, 2018; Big E/W. Springfield. **Action Taken:** None.

11.Adjournment: Action Taken: Mr. Skip Vadnais, Jr. made a motion to adjourn the meeting at 12:54pm. Mr. Fred Dabney seconded the motion. Roll Call Vote: The board unanimously passed the motion. **Roll Call Vote** – Mr. Vadnais, Jr. – Aye, Mr. Dabney – Aye, Ms. Leab – Aye, Mr. Chase – Aye, Ms. Sapienza-Grabski – Aye, Mr. Smolak – Aye, Chair Abrams – Aye, Ms. Sisson – Aye, Ms. Carr – Aye, and Ms. Harvey – Aye. The motion unanimously passed.



Mass.gov

Agricultural Preservation Restriction (APR) Program Details

Learn more about the program

Overview

The APR program preserves and protects agricultural land, including designated farmland soils, which are a finite natural resource, from being built upon for non-agricultural purposes or used for any activity detrimental to agriculture. It is a voluntary program which offers a non-development alternative to farmers and other owners of "prime" and "state important" agricultural land who are faced with a decision regarding future use and disposition of their farms.

The Program purchases the non-agricultural value of the farmland in exchange for a permanent deed restriction which prevents uses and activities that may impact the present or future agricultural use and viability of the property.

Additional Resources

Application Instructions

(<http://www.mass.gov/eea/agencies/agr/land-use/apr-application-gateway.html>)

APR Improvement Program (AIP)

(<http://www.mass.gov/eea/agencies/agr/about/divisions/aip.html>)

National Resource Conservation Service (<http://www.ma.nrcs.usda.gov/>)

Program Criteria and Eligibility

Landowners with at least five-acres of land in agricultural production for the last two years and with suitable soils.

Primary Requirements:

1. Farm must be at least five (5) acres in size.
2. Land has to have been actively devoted to agriculture for the two (2) immediately preceding tax years.
3. Farm must produce at least \$500 in gross sales per year for the first five acres plus \$5 for each additional acre or 50 cents per each additional acre of woodland and/or wetland.

Other criteria considered:

1. Suitability and productivity of land for agricultural use based on soil classification, physical features, and location.
2. The degree of threat to the continuation of agriculture on the land due to circumstances such as owner's death, retirement, financial positions, development pressure, or insecurity due to rental agreements.
3. The degree to which the land is of a size or composition to be economically viable for agricultural purposes and the likelihood that it will remain in agriculture for the foreseeable future.

Policies and Guidelines

- **APR Regulations - 330 CMR 22.00**
(</regulations/330-CMR-22-agricultural-preservation-restriction-program>)
- **APR Renewable Energy Policy Draft For Comments**
(</service-details/guidelines-for-requests-for-a-certificate-of-approval-coa-to-construct-a-renewable>)
- **APR Special Permit Policy**(</eea/docs/agr/legal/docs/apr-special-permit-policy.pdf>)
- **APR Dwelling guidelines**(</eea/docs/agr/landuse/apr/apr-dwelling-guidelines-201401072015.pdf>)
- **APR Assignment of Option to Purchase at Agricultural Value**
(</eea/docs/agr/landuse/apr/apr-assignment-of-opav-guidelines-051815.pdf>)
- **APR Request for Waiver of an Option to Purchase at Agricultural Value**
(</eea/docs/agr/landuse/apr/apr-requests-for-waiver-opav-guidelines.pdf>)
- **OPAV Assignment Ranking Sheet**
(/files/documents/2017/10/26/OPAV%20Assignment%20Ranking%20Sheet_0.pdf)
- **APR OPAV Waiver Assessment Sheet**
(</files/documents/2017/10/26/APR%20OPAV%20Waiver%20Assessment%20Sheet.pdf>)
- **APR Requests for a Certificate of Approval to Subdivide Land**
(</eea/docs/agr/landuse/apr/apr-coa-subdivision-091015.pdf>)
- **Requests for Waiver of the Departments Right of First Refusal for Purchase of Real Estate**(</eea/docs/agr/landuse/apr/apr-rofr-request-for-waiver.pdf>)
- **Assignment of Right of First Refusal**
(</eea/docs/agr/landuse/apr/apr-rofr-assignment-of-rofr.pdf>)
- **APR Waiver ROFR Assessment Sheet**
(</files/documents/2017/10/26/APR%20Waiver%20ROFR%20Assessment%20Sheet.pdf>)
- **APR Waiver ROFR Assignment Assessment Sheet**
(/files/documents/2017/10/26/APR%20Waiver%20ROFR%20Assignment%20Assessment%20Sheet_0.pdf)

Additional Resources

Model Right to Farm By-Law

(<http://www.mass.gov/eea/docs/agr/righttofarm/farmbylaw.pdf>)

Agricultural Commissions

(<http://www.mass.gov/eea/agencies/agr/boards-commissions/agricultural-commissions.html>)

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[Agricultural Lands Preservation Committee \(ALPC\) \(/service-details/agricultural-lands-preservation-committee-alpc\)](#)

APR Regulations - 330 CMR 22.00 (/regulations/330-CMR-22-agricultural-preservation-restriction-program)

Agenda Item #4A

SECTION 14. Section 1 of chapter 20 of the General Laws, as appearing the 2016 Official Edition, is hereby amended by adding the following paragraph:- The commissioner shall notify and provide the board with an opportunity to consult, review and comment on policies and regulations proposed by the commissioner pursuant to section 23.

SECTION 15. Subsection (a) of section 23 of said chapter 20, as so appearing, is hereby amended by striking out the last sentence and inserting in place thereof the following 3 sentences:- The commissioner of agricultural resources shall, subject to the approval of the agricultural lands preservation committee established in section 24 and in consultation with the board of agriculture establish 7 of 63 management and oversight of the program to assist the commonwealth in the acquisition of agricultural preservation restrictions. The commissioner shall promulgate regulations pursuant to this section in accordance with section 2 of chapter 30A, including the requirement that a public hearing be held. The regulations shall, at a minimum establish: (i) criteria for when the department may exercise a right of first refusal, option to purchase at fair market agricultural value or other similar right contained in an agricultural preservation restriction as held by the commonwealth; (ii) a process and guidelines for conferences as required in subsection (a); and (iii) a process for waiver requests pursuant to subsection (d).

SECTION 16. Said subsection (a) of said section 23 of said chapter 20, as so appearing, is hereby further amended by adding the following 2 paragraphs:- As a condition of an agricultural preservation restriction acquired under this section, the owner of land subject to such a restriction held by the commonwealth shall be required to participate in a conference with the department to discuss, and for the department to explain, the terms and conditions of the agricultural preservation restriction. If the landowner intends to sell the land subject to the restriction, the landowner, department and proposed purchaser shall, prior to submission of the requisite notice of intent to sell, participate in a conference to discuss the requirements under this section and the requirements of any requests for waivers of the department's right to exercise or assign a right to acquire an interest in land through a right of first refusal, option to purchase at fair market agricultural value or other similar right contained in the agricultural preservation restriction. A conference held in accordance with this section shall occur on the parcel of land subject to the restriction under consideration or in a manner and time agreed upon by the landowner, proposed purchaser of the land and the department. Following submission of a notice of intent to sell, the department may communicate directly 8 of 63 with the landowner or seek an additional conference with the landowner and proposed purchaser to clarify any element of the landowner's notice of intent to sell and waiver request. The department shall review, once every 3 years and in consultation with the board of agriculture and the agricultural lands preservation committee, all existing guidance, policies, procedures and regulations relative to the management and oversight of the program pursuant to this section and propose updates to the guidance, policies, procedures or regulations that are necessary to improve and modernize the management of the program. This review shall include regional public hearings to assess the effectiveness of the program and existing guidance, policies, procedures and regulations. The department shall make a good faith effort to mail a copy of any guidance, policies, procedures or regulations, whether proposed or promulgated under this section,

Agenda Item #4A

to all owners of land subject to agricultural preservation restrictions held by the commonwealth not less than 21 days prior to the date of a public hearing.

SECTION 17. Section 23 of said chapter 20, as so appearing, is hereby amended by striking out, in line 49, the words “, may” and inserting in place thereof the following words:- or any landowner of land subject to an agricultural preservation restriction who is subject to and aggrieved by a decision of the department to exercise or assign a right to acquire an interest in land through an option to purchase at fair market agricultural value, a right of first refusal or other similar right for land subject to an agricultural preservation restriction as held by the commonwealth on their land may.

SECTION 18. Subsection (c) of said section 23 of chapter 20, as so appearing, is hereby amended by adding the following paragraph:- 9 of 63 The department shall notify the aggrieved landowner in writing by certified mail of the determination not more than 3 business days after a determination made by the department under this subsection to exercise or assign a right of first refusal, an option to purchase at fair market agricultural value or other similar right contained in the agricultural preservation restriction. The department's notice shall include notice of a right to request a hearing at which the aggrieved landowner may, not more than 10 business days after receipt of such determination by the department, request a hearing before the committee under chapter 30A. If a timely request is received, the committee shall, within a reasonable time, hold a hearing in compliance with said chapter 30A. The committee shall designate a hearing officer to preside over the hearing, to assemble an official record of the hearing and to render a written decision that shall be submitted to the committee. The committee shall make the final decision not more than 15 business days after holding a hearing. If the time period established in the agricultural preservation restriction for the department to exercise its right of first refusal, option to purchase at fair market agricultural value or other similar right, together with the time period established for the department to complete the underlying land sale if the above rights are assigned, is less than 90 days in total, the landowner's right to a hearing is conditioned upon written consent by the landowner to extend the time period to allow for completion of the hearing and for the department to finalize a sale should the department prevail in the hearing. Such consent shall have the effect of modifying the time periods set forth in the recorded agricultural preservation restriction but shall not affect the parties' rights in any other manner.

SECTION 19. Said section 23 of said chapter 20, as so appearing, is hereby further amended by adding the following 3 subsections: 10 of 63 (d) The department shall waive its rights under this section to exercise or assign a right to acquire an interest in land through a right of first refusal, an option to purchase at fair market agricultural value or other similar right contained if a landowner of land subject to an agricultural preservation restriction held by the commonwealth has received a good faith offer, including a certified copy of an executed purchase and sale agreement, for a fixed consideration payable upon delivery of the deed for land subject to an agricultural preservation restriction from a farmer who, at a minimum: (i) has engaged in active commercial agriculture for not less than 2 years immediately prior to the date of the request for a waiver under this section; (ii) submits a proposed farm business plan to the department that includes the proposed purchase price and demonstrates how the buyer will continue to engage in commercial agriculture to retain and use the land primarily and directly for agricultural purposes pursuant to sections 1 and 2 of chapter 61A and preserve the natural agricultural

Agenda Item #4A

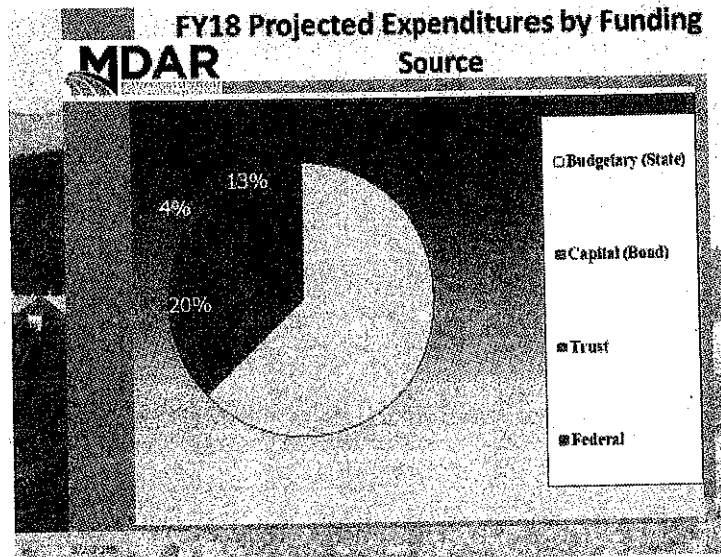
resources for a period of not less than 5 years after the date of sale; and (iii) has no prior record of a violation of the written agreement or terms of any agricultural preservation restriction held by the commonwealth; provided, however, that the department shall require any proposed farm business plan submitted pursuant to clause (ii) to include a written justification for the proposed purchase price if the price proposed for the purchase of the subject land is 20 per cent or more than the fair market agricultural value of the land; provided further, that the department may waive the requirements of clause (iii) if the violation is deemed minor by the department; and provided further, that any person, party or entity who is subject to and aggrieved by a decision of the department not to waive its rights under this section may appeal to the agricultural land preservation committee pursuant to the process set forth in subsection (c). 11 of 63 The department, in consultation with the agricultural lands preservation committee and the board of agriculture, shall establish benchmarks and criteria to be used to evaluate and measure a farm business plan submitted by a farmer as part of any waiver request in accordance this section. (e) Where an agricultural preservation restriction acquired and held by the commonwealth gives the department the authority to exercise or assign a right to acquire an interest in land through a right of first refusal, an option to purchase at agricultural value or other similar right, the landowner shall have the right to withdraw the landowner's notice of intent to sell at any point prior to the department's exercise or assignment of the option to purchase at agricultural value or right of first refusal. A landowner's decision to withdraw a notice of intent to sell shall not affect a landowner's right or obligation to submit to the department any future offer to purchase said land. (f) Nothing in this section shall be construed as requiring the department to include a right of first refusal, an option to purchase at agricultural value or other similar right when acquiring an agricultural preservation restriction.

SECTION 20. Section 24 of said chapter 20, as so appearing, is hereby amended by striking out, in lines 9 and 10, the words ", and 4 persons to be appointed by the governor, 2 of whom shall be owners and operators of farms within the commonwealth" and inserting in place thereof the following words:- and 6 persons to be appointed by the governor, of whom 4 shall be owners and operators of farms within the commonwealth, 1 shall be a representative of a farm advocacy organization and 1 shall be a representative of a land trust organization.

Agenda Item #6

FISCAL YEAR 2018 RECAP

The Commonwealth of Ma. is currently in the midst of its accounts payable period to close the books on fiscal year 2018. MDAR is projecting FY18 expenditures of approximately \$38 million. This would be an increase of approximately 4.6% over FY17. Projected FY18 expenditures by funding type are as follows: budgetary (state) 63%, capital (bond) 20%, federal 13% and trust 4%.



Budgetary Appropriations

The Department anticipates expending close to 100% of its final FY18 budgetary appropriated amount of \$23.96 million. In FY18 pass-throughs comprise 78% of the MDAR operating budget. The largest pass through is the Emergency Food appropriation (2511-0105) totaling \$17.356 million. Other earmarks are as follows: Buy Local earmark of \$300K; \$200K for mosquito larvicide control; \$120K for the Ma. Farm to School Project; \$100K for the Homeless Animal Care and Adoption Fund; 90K for the apiary inspection program; \$50K for U-Mass apiary research; \$50K for the Greater New Bedford Food Initiative; and \$25K for the town of Wrentham Animal Shelter. The remaining 22% of the FY18 budgetary appropriation or \$5,271,839 supports MDAR operations.

Capital (Bond) Accounts

The agency will expend 100% of its \$7.735 million in capital (bond) program funding. By utilizing a mixture of capital and federal funds the agency expended nearly \$4.216 million on Agricultural Preservation Restrictions (APRs) to protect 297 acres and another \$325,000 on eight (8) agricultural covenants to protect an additional 371 acres.

Federal Funds

Agenda Item #6

It is anticipated MDAR will expend approximately \$5 million in federal funds in FY18. The "Farmland Ranch and Protection Program" (FRPP) grant is the largest component of the agency's federal funds expenditures comprising over 40% of the total. The FRPP grant is utilized to fund a variety of agency programs including the APR program, the APR Improvement Program, the Farm Energy Program and the Matching Enterprise Grants Program.

Revenue

MDAR is currently responsible for the collection of a number of fees (29) ranging from pesticide applicator and milk dealer licenses to nursery and greenhouse inspection fees. A comparison of the last five fiscal years is provided below.

<u>Year</u>	<u>\$ Amount</u>	<u>% Increase/Decrease</u>
2014	\$6,158,524.00	5.16%
2015	\$6,244,823.00	1.23%
2016	\$6,291,262.00	.74%
2017	\$6,651,526.00	5.73%
2018	\$6,563,048.00	-1.33%

MDAR revenue fell by nearly 1.3% in FY18 to \$6.56 million. The decline in revenue is attributed to the new online portal system for pesticide licensing. At the start of FY18 MDAR initiated the new Online Data System known as the ePLACE Portal. The portal is part of an initiative to bring all agencies within the Executive Office of Energy and Environmental Affairs into an online permitting and authorization system. All applications for examination or licensure must now be submitted online. While ePLACE was very successful for pesticide exams, it resulted in a \$136K decline in pesticide license revenue. During the course of the year MDAR attempted to buttress renewals with three direct mailings. Private pesticide certifications fell 14%, commercial pesticide certifications and private dealer licenses fell 8% and commercial pesticide applicator licenses fell 6%. It is anticipated that these revenue sources will recover in FY19 as users become familiar with the portal and with continued Department outreach.

For the past decade MDAR has generated more revenue than it expended for the administrative costs of the agency. In FY18 MDAR revenue exceeded the agency's yearend operating budget of \$5.89 million (Administration and IPM accounts combined) including earmarks by 11.3% or \$674K.

Personnel

MDAR ended FY18 with a work force of 86.4 FTES. MDAR is in the process of backfilling three positions. The three positions are the Assistant Commissioner, a Regional Planner and the Dairy Promotion Board Program Coordinator. MDAR staff grew significantly from 80.4 FTES at the start of FY18. The growth was fueled by the addition of three (3) federally funded Food Safety inspectors and two state funded hemp positions.

New Programs

Agenda Item #6

FY18 saw the introduction of several new programs. These programs were:

Hemp Program: Hemp became a legal agricultural product in Ma. at the start of FY18. The MDAR Hemp Program provides oversight and regulation of legally grown hemp for commercial purposes or as part of an Agricultural Pilot Program (under the USDA Farm Bill) in Massachusetts. MDAR has issued twelve (12) licenses to date, three (3) are growers while nine (9) are dual grower/processors.

Food Trust Program: The new Food Trust Program (MFTP) goal is to increase access to healthy, affordable food as a means to improve health outcomes and to encourage innovation in healthy food retailing and distribution in nutritionally underserved communities. The MFTP is providing funding to a Community Development Financial Institution ("CDFI"), LEAF (Local Enterprise Assistance Fund), who will invest or award funding to sub-recipients to support healthy food initiatives in underserved communities. This statewide program is designed to meet the financing needs of healthy food retailers and distributors that plan to operate in underserved communities where costs and credit needs cannot be filled solely by conventional financing institutions. A \$1M award to LEAF was made this past spring and the LEAF grant/loan program will get underway this spring.

Agricultural Climate Resilience Enhancement (ACRE) Program: The goal of MDAR's new capital funded ACRE program is to assist agricultural operations build resilience and preparedness in order to adapt to the effects of changing climate conditions and variable weather events, including drought. ACRE leverages funds to help farmers adapt to increased pressure on water use by providing support for projects such as irrigation; flumes; cranberry water transfer systems; tail-water recovery systems; ebb & flow bench systems; and water re-use projects. MDAR provided \$500K in ACRE grants in FY18.

FISCAL YEAR 2019

Preliminary FY19 MDAR projected expenditures are \$41M, an increase of about \$3M. The projected increase is due to an additional \$2.4M in budgetary funding with the remainder being from capital (bond) funding. Expenditures are anticipated to grow in all four funding types.

Budgetary Appropriations

The FY19 General Appropriations Act (GAA) has provided MDAR a budget of \$25,968,036, a 10% increase over FY18. MDAR now has four (4) budgetary accounts with the creation of the new Cannabis and Hemp Agricultural Oversight Account. An overview of those accounts is provided below:

Cannabis and Hemp Agricultural Oversight Account (2511-0103): has been funded at \$1.24M. During this first year most of the funding will go towards setting up the U-Mass Amherst lab for testing samples. MDAR brought on two (2) hemp program employees in FY18 and anticipates bringing on three (3) marijuana inspectors in FY19.

Administration Account (2511-0100): funding has been set at \$6,281,785 which includes \$1,336,000 in earmarks. When earmarks are removed agency operating funding is \$4,956,785, an increase of 1.25%. Most of this increase will go towards staff step and cost of living raises. The Administration Account earmarks are:

Agenda Item #6

Buy Local	\$500K
SRB Mosquito Control	\$200K
Farm to School	\$120K
Homeless Animal Adoption	\$100K
Ma. Food Trust Program	\$100K
Apiary Program	\$ 90K
Coastal Foodshed	\$ 50K
Taunton Animal Care Facility	\$ 50K
Flats Mentor Farm Enterprise	\$ 41K
Middleborough Animal Shelter	\$ 25K
Dighton Animal Shelter	\$ 25K
Sustainable Cape	\$ 35K

Supplemental Food Account (2511-0105): funding of \$18,385,000 includes \$385,000 in earmarks. When earmarks are removed programmatic funding of \$18M represents a 3.4% increase or \$586K.

Loaves & Fishes Food Pantry	\$120K
Cambridge Backpack Program	\$ 85K
Food for the World	\$ 50K
Lovin' Spoonful	\$ 50K
Acton Community Pantry	\$ 30K
Margaret Fuller House	\$ 25K
Cape Ann Food Pantry	\$ 25K

IPM Account (2511-3002): funding of \$59,785 represents a 1.8% increase to cover an employee's step and cost of living raise.

Capital (Bond) Accounts

MDAR has received FY19 capital funding of \$7.071M to date. Housing & Economic Development (HED) will forward an additional \$1M of their capital funding for the Food Trust program. Below is a chart displaying agency capital funding for the past four years.

Capital Funding Budget	2016	2017	2018	2019
AEEP/Drought	\$250,000.00	\$500,000.00	\$325,000.00	\$250,000.00
Admin	\$324,000.00	\$291,600.00	\$260,000.00	\$236,196.00
Farm Viability	\$1,000,000.00	\$750,000.00	\$950,000.00	\$950,000.00
APR	\$5,900,500.00	\$3,956,604.00	\$3,625,000.00	\$2,670,000.00
Urban Agriculture	\$500,000.00	\$500,000.00	\$325,000.00	\$315,000.00
Food Safety	\$200,000.00	\$200,000.00	\$300,000.00	\$200,000.00
Stewardship	\$180,000.00	\$339,000.00	\$450,000.00	\$450,000.00
Food Ventures Program	\$0.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00

Agenda Item #6

ACRE	\$0.00	\$0.00	\$500,000.00	\$1,000,000.00
Ag Composting	\$0.00	\$0.00	\$0.00	\$185,000.00
Total	\$9,594,500.00	\$7,537,204.00	\$7,735,000.00	\$7,071,196.00
Date: 080219				

2019 Environmental Bond Bill

The 2019 Environmental Bond Bill is currently awaiting the Governor's signature. Among the provisions of the Bond Bill:

- Provides \$54M in funding for agricultural economic and environmental sustainability including farm viability, urban agriculture, energy, climate adaptation and resiliency, fairs, aquaculture, food safety, pest control, agricultural environmental enhancement program and the Agricultural Innovation Fund.
- Provides \$20M to acquire agricultural preservation restrictions and stewardship.
- Establishes the Agricultural Innovation Fund to provide grants for agricultural and cranberry producers with a goal of fostering new innovative ideas and approaches to adding value to the Commonwealth's agricultural and cranberry economy. The bond bill provides for potential funding from the aforementioned \$54M.
- Assigns full regulatory authority to the Department of Environmental Protection (DEP) over the agricultural composting program and does not allow DEP to delegate such authority.
- Authorizes an alternative valuation of qualifying agricultural, forest, or recreational land left in a person's estate, at the election of the estate, provided that the land remains in such use for at least 10 years.
- Allows raw milk farmers to deliver and retail raw milk off the farm, either directly or by contract, allows raw milk to be sold at a farm stand not contiguous to the dairy at which it was produced, and requires MDAR and DPH to adopt rules and regulations governing "handling, packaging, storage, testing, and transportation of raw milk, provided that non-mechanical refrigeration shall be permitted."
- Requires Animal Inspectors to complete mandatory training within one (1) year.
- Extends the retention of animal inspection "Barn Books" from two (2) to (10) years.
- Expands the existing authority of MDAR to assess fines for pesticide-related violations

Recipient Organization / Individual	City	County	Value	Program Description	Full Description
MDAR FY18 Grant Awards - Awards Item 17					
James Mead dba Asatere Farm	Hadley	Hampshire	\$ 4,600.00 ACRE	Purchase a fall mower for terminating cover crops thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase a fall mower for terminating cover crops thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Kenney Baker dba Baker Farm LLC	Swansea	Bristol	\$ 27,700.00 ACRE	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Harrison Bardwell dba Bardwell Farm	Hatfield	Hampshire	\$ 11,900.00 ACRE	Purchase no-till planter thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till planter thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Black Squirrel LLC	Amherst	Hampshire	\$ 50,000.00 ACRE	Purchase and install wells and frost-free water lines thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase and install wells and frost-free water lines thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Davidian Brothers Farm LLC	Northborough	Worcester	\$ 40,000.00 ACRE	Purchase no-till planter, a roller crimper and a water filtration system thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till planter, a roller crimper and a water filtration system thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Devlin Brothers Partnership	Hadley	Hampshire	\$ 30,000.00 ACRE	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Farmer Dave's LLC	Dracut	Middlesex	\$ 45,000.00 ACRE	Purchase controlled atmosphere modules for fruit and vegetable storage thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase controlled atmosphere modules for fruit and vegetable storage thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Freedom Food Farm LLC	Raynham	Bristol	\$ 16,400.00 ACRE	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Jordan Dairy Farm Inc	Rutland	Worcester	\$ 30,000.00 ACRE	Convert to rotational grazing forage ground thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Convert to rotational grazing forage ground thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Ullac Hedge Farm LLC	Holden	Worcester	\$ 50,000.00 ACRE	Purchase no-till corn planter, a roller crimper and install a well thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till corn planter, a roller crimper and install a well thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Maple Shade Farm, Inc	Sheffield	Berkshire	\$ 48,900.00 ACRE	Purchase no-till drill and input spreader thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till drill and input spreader thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Sean Stanton dba North Plain Farm LLC	Great Barrington	Berkshire	\$ 30,000.00 ACRE	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase no-till drill thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Royal Crest Farm LLC	Spencer	Worcester	\$ 27,900.00 ACRE	Purchase no-till drill and cast iron closing wheels N2621	Purchase no-till drill and cast iron closing wheels N2621
Karl Heins dba Sunny Knoll Farm	Westminster	Worcester	\$ 27,800.00 ACRE	Purchase a no-till drill and roller crimper thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate	Purchase a no-till drill and roller crimper thereby promoting mitigation and adaption benefits within their agricultural operation as they adapt to changes in the climate
Walnut Lane LLC	Dudley	Worcester	\$ 29,800.00 ACRE	Purchase materials and install a slurry store for manure management thereby promoting water quality for the dairy operation	Purchase materials and install a slurry store for manure management thereby promoting water quality for the dairy operation
Edlian Almeida dba Almada Farms	Rehoboth	Bristol	\$ 16,400.00 AEEP	Purchase materials and install irrigation thereby promoting water conservation for the agricultural operation	Purchase materials and install irrigation thereby promoting water conservation for the agricultural operation
Black Squirrel, LLC	Amherst	Hampshire	\$ 20,000.00 AEEP	Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation	Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation
D & D Harju Cranberries LLC	Middleborough	Plymouth	\$ 17,500.00 AEEP	Purchase materials to install a new lift pump, double wall fuel tank and flume thereby promoting water conservation and water quality for the agricultural operation	Purchase materials to install a new lift pump, double wall fuel tank and flume thereby promoting water conservation and water quality for the agricultural operation
Edgewood Bogs LLC	Carver	Plymouth	\$ 20,000.00 AEEP	Purchase materials and install a new flume thereby promoting water conservation for the cranberry operation	Purchase materials and install a new flume thereby promoting water conservation for the cranberry operation
Federal Furnace Cranberry Co	Carver	Plymouth	\$ 7,850.00 AEEP	Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation	Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation
GSW Cranberries Inc	Carver	Plymouth	\$ 14,400.00 AEEP	Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation	Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation
Harju Bog Management Inc	Middleborough	Plymouth	\$ 17,500.00 AEEP	Purchase materials and install an automated irrigation system thereby promoting water conservation for the agricultural operation	Purchase materials and install an automated irrigation system thereby promoting water conservation for the agricultural operation
Harju Brothers Cranberry Inc	Middleborough	Plymouth	\$ 3,600.00 AEEP	Purchase materials and install a new manure pad, fencing and wheelers thereby promoting water conservation for the agricultural operation	Purchase materials and install a new manure pad, fencing and wheelers thereby promoting water conservation for the agricultural operation
Matthew Varrall dba Harvard Alpaca Ranch	Harvard	Worcester	\$ 7,800.00 AEEP	Purchase and installation of an automated irrigation system thereby promoting water conservation within the cranberry operation	Purchase and installation of an automated irrigation system thereby promoting water conservation within the cranberry operation
John Alden dba John Alden Cranberry Co	Bourne	Barnstable	\$ 6,600.00 AEEP	Purchase materials and install four (4) flumes thereby promoting water conservation for the agricultural operation	Purchase materials and install four (4) flumes thereby promoting water conservation for the agricultural operation
Jonson Brother Cranberries LLC	Middleborough	Plymouth	\$ 9,100.00 AEEP	Purchase materials and install a tailwater recovery system thereby promoting water conservation for the agricultural operation	Purchase materials and install a tailwater recovery system thereby promoting water conservation for the agricultural operation
Stanley Kravitz dba Korpinen Bog	Bridgewater	Plymouth	\$ 20,000.00 AEEP	Purchase materials and install a heavy use area expansion including a cover over the area and to divert milk house water thereby promoting water quality in the dairy operation	Purchase materials and install a heavy use area expansion including a cover over the area and to divert milk house water thereby promoting water quality in the dairy operation
Maple Shade Farm, Inc	Sheffield	Berkshire	\$ 25,000.00 AEEP		

Henry M Parsons & Edward A Parsons (dba Mayval Farm)	Westhampton	Hampshire	\$ 22,500.00	AEEP
Derek Medico dba Medico Cranberry	Carver	Plymouth	\$ 20,000.00	AEEP
Michael Kosinski dba North Country Harvest	Westfield	Hampden	\$ 18,000.00	AEEP
Phoenix Fruit Farm LLC	Belchertown	Hampshire	\$ 11,700.00	AEEP
Piney Wood Cranberry Co	Wareham	Plymouth	\$ 15,750.00	AEEP
Pride of Cranberry LTD Partnership	Middleborough	Plymouth	\$ 10,500.00	AEEP
Ryan Volland dba Red Fire Farm	Montague	Franklin	\$ 20,000.00	AEEP
Garth Stillman dba Stillman Dairy Farm	Lunenburg	Worcester	\$ 13,500.00	AEEP
Warner Farm LLC	Sunderland	Franklin	\$ 19,500.00	AEEP
Edward and John Staszewski; Beverly Wilson	Whately	Franklin	\$ 177,250.00	APR
Martin and Francis Mahari	Richmond	Berkshire	\$ 751,500.00	APR
Ryan Volland dba Red Fire Farm	Granby	Hampshire	\$ 131,100.00	APR
Robert & Carol Russell	Westport	Bristol	\$ 280,644.00	APR
Richard, Robert and William Smith	Whately	Franklin	\$ 91,200.00	APR
Caroline Pam & Timothy Wilcox	Whately	Franklin	\$ 65,500.00	APR
Windy Hill Farm, Inc	Whately	Berkshire	\$ 550,362.50	APR
Edward & Marlyn Demolles	Great Barrington	Plymouth	\$ 1,065,245.00	APR
Longyard Laro LLC	West Bridgewater	Hampden	\$ 345,944.00	APR
Laro West LLC	Southwick	Hampden	\$ 106,781.00	APR
Laro West LLC	Southwick	Hampden	\$ 200,000.00	APR
Atheam Family Land LLC	Edgartown	Dukes	\$ 100,000.00	APR Improvement Program
Carlson Orchards Inc	Harvard	Worcester	\$ 100,000.00	APR Improvement Program
Jonathan Carr	Hadley	Hampshire	\$ 50,000.00	APR Improvement Program
Raymond MacMillan	Lunenburg	Worcester	\$ 75,000.00	APR Improvement Program
John Kokoski dba Mapleline Farm LLC	Hadley	Hampshire	\$ 100,000.00	APR Improvement Program
Michael Ferry Inc	Westport	Bristol	\$ 100,000.00	APR Improvement Program
Cape Cod Cooperative Extension	Barnstable	Barnstable	\$ 25,000.00	Aquaculture
Salem State College Trust	Essex	Essex	\$ 17,500.00	Aquaculture
University of Mass Amherst	Amherst	Hampshire	\$ 7,500.00	Aquaculture
Atlas Farm LLC	Deerfield	Franklin	\$ 30,000.00	Energy
Barstow's Longview Farm Inc	Hadley	Hampshire	\$ 50,000.00	Energy
Barstow's Longview Farm Inc	Hadley	Hampshire	\$ 14,499.10	Energy
Barstow's Longview Farm Inc	Hadley	Hampshire	\$ 22,500.90	Energy
Blue Stream Aquaculture, LLC	Barnstable	Barnstable	\$ 85,000.00	Energy

Purchase materials and install a no till grain thereby promoting water conservation for the agricultural operation

Purchase materials and install a new lift pump thereby promoting water conservation for the agricultural operation

Purchase materials and install a new irrigation pump thereby promoting water conservation and improve air quality for the agricultural operation

Purchase materials and install a well tied to drip irrigation thereby promoting water conservation for the agricultural operation

Purchase materials and install a lift pump thereby promoting water conservation for the cranberry operation

Purchase materials and install two (2) automated irrigation systems thereby promoting water conservation for the agricultural operation

Purchase materials and install irrigation thereby promoting water conservation for the agricultural operation

Purchase materials and install a new manure pump for slurry store thereby promoting water quality for the agricultural operation

Purchase materials and install two (2) wells tied to drip irrigation thereby promoting water conservation for the agricultural operation

APR on 17.6 acres

APR on 17.6 acres

APR on 14.632 acres

APR on 14.632 acres

APR on 15.418 acres

APR on 13.2 acres

APR on 17.6 acres

APR on 34.304 acres

APR on 71.2 acres

APR on 34.165 acres

APR

APR

Provide labor and materials for site work, concrete foundation and farm road improvements, construct new facility for washing, packing and processing of farm products including refrigeration, electrical and plumbing

Provide labor and materials for site works and septic system, construct retail building and installation of electric and plumbing for new building

Provide labor and materials for older barn repairs and improvements including siding, decking and roof, older press operational improvements including storage tanks, water pump and washing system; gravel to regrade existing farm roadway and parking area; storage shed

Provide labor and materials for barn improvements including purchase and installation of cooling system, refurbished stalls and mats, repair of grain bin; repair of retaining wall

Provide labor and materials for renovations to expand milking parlor to a double 7 capacity with cow ID system; structural and ventilation improvements to existing calf barn; electrical upgrades

Provide labor and materials for renovation of garage into retail store including framing, floor, doors, roof, interior walls and restroom; renovate new barn for dairy housing including concrete, bunks, pens, gates, and waters

Funding to administer the Southeastern Ma. Aquaculture Center

Funding for the university to work on their aquaculture program.

Administer and Oversee Western Ma Center for Sustainable Aquaculture (WIMCSA)

Purchase materials and install a 65 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a heat recovery system and piping loop on their anaerobic digester system thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a heat recovery system and piping loop on their anaerobic digester system thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a heat recovery system and piping loop on their anaerobic digester system thereby promoting energy efficiency within their agricultural operation

Purchase materials and install eight (8) solar photovoltaic canopies totaling 31.6 kw over the farm raceways and trout tanks and connected to battery storage thereby promoting the integration of crop production and clean energy production within the agricultural operation

Broken Creek Vineyard LLC	Shrewsbury	Worcester	\$ 30,000.00	Energy
Cape Cod Oyster Co Inc	Bourne	Barnstable	\$ 30,000.00	Energy
Center for Ecotechnology, Inc	Pittsfield	Berkshire	\$ 150,000.00	Energy
Adam Bean dba Baile An Choigh Farm	Westminster	Worcester	\$ 9,213.00	Energy
Dick's Market Garden Inc	Lunenburg	Worcester	\$ 21,105.00	Energy
F. W. Schumacher Co Inc	Sandwich	Barnstable	\$ 25,000.00	Energy
Steven Noons dba The Farmer's Garden	Rehoboth	Bristol	\$ 30,000.00	Energy
Five College Farms LLC	Hadley	Hampshire	\$ 30,000.00	Energy
Fivefork Farms LLC	Upton	Worcester	\$ 30,000.00	Energy
Fivefork Farms LLC	Upton	Worcester	\$ 25,000.00	Energy
Jonathan Parrott dba Flat Rock Farm	Chesterfield	Hampshire	\$ 12,500.00	Energy
Foxford Farm LLC	Shelburne	Franklin	\$ 30,000.00	Energy
Foxbard Farm LLC	Shelburne	Franklin	\$ 14,338.22	Energy
Domingo Fernandes dba Fresh Meadow Farm	Carver	Plymouth	\$ 25,000.00	Energy
Joe Rasiwett dba Hardwick Sugar Shack	Hardwick	Worcester	\$ 5,800.00	Energy
Christopher Rose dba Heathside Sugar House	Shelburne	Franklin	\$ 3,939.00	Energy
Patricia Roberts dba Holiday Farm	Berlin	Worcester	\$ 15,000.00	Energy
Jamie Munson dba Horseshoe Farm	Warwick	Franklin	\$ 15,000.00	Energy
Hunt Road Berry Farm & Forest Inc	West Brookfield	Worcester	\$ 10,000.00	Energy
Hunt Road Berry Farm & Forest Inc	West Brookfield	Worcester	\$ 8,361.97	Energy
Jordan Dairy Farms Inc	Rutland	Worcester	\$ 40,000.00	Energy
John Welch dba Just-A-More Tree Farm	Worthington	Hampshire	\$ 40,000.00	Energy
Knowlton Farm Nominlee Trust	Grafton	Worcester	\$ 100,000.00	Energy
M. Huberman Inc	Saugus	Essex	\$ 25,000.00	Energy
Massachusetts Audubon Society, Inc	Lincoln	Middlesex	\$ 25,000.00	Energy
Leon Ripley dba Maple Corner Farm	Granville	Hampden	\$ 15,000.00	Energy
Leon Ripley dba Maple Corner Farm	Granville	Hampden	\$ 11,500.00	Energy
Meadowbrook Orchards	Sterling	Worcester	\$ 20,000.00	Energy
Mountain View Farms LLC	Easthampton	Hampshire	\$ 30,000.00	Energy
Peter Hanlon dba J J Cranberries	Sandwich	Barnstable	\$ 15,000.00	Energy

Purchase materials and install a 13.745 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 56.7 kw photovoltaic system as a renewable energy source for the agricultural operation

Provide technical and financial assistance to agricultural operations for the implementation of environmentally responsible energy projects and strategies

Purchase materials and install a high efficiency evaporator, promoting energy efficiency within the maple operation

Purchase materials and install a 18 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a new high efficiency walk-in cooler unit thereby promoting energy efficiency within their agricultural operation

Purchase materials and install three (3) high efficiency greenhouse furnaces thereby promoting energy efficiency within the agricultural operation

Purchase materials and install a 448.5 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 24.84 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a new high efficiency walk-in cooler unit thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a 5.36 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 27.35 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a new high efficiency walk-in refrigeration thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a 24.9 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a new reverse osmosis membrane replacement and upgrade thereby promoting energy efficiency within their maple operation

Purchase materials and install a 10.7 kw photovoltaic system (PV) as a renewable energy source for their agricultural operation

Purchase materials and install a 12.24 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 7.425 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation and a new electric heating system and heat pump that will promote energy efficiency by connecting to the new PV system

Purchase materials and install a new high efficiency walk-in cooler unit thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a new heat recovery system and piping loop on their anaerobic digester thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a new net zero maple kitchen including a 14 kw PV system as a demonstration of a super efficient new building construction project

Purchase materials and install an 88 kw ground mounted solar canopy thereby promoting the integration of crop production and clean energy production within the agricultural operation

Purchase materials and supplies necessary to re-glaze their greenhouse thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a new high efficiency walk-in cooler unit thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a new hood and preheater, new reverse osmosis and dry line thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a new high efficiency walk-in freezer unit thereby promoting energy efficiency within their agricultural operation

Purchase materials and install a 20.48 kw photovoltaic system as a renewable energy source for the agricultural operation

Purchase materials and install a 37.8 kw photovoltaic system as a renewable energy source for the agricultural operation

Purchase materials and install a 6.6 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

James Schultz dba Red Shirt Farm LLC	Lanesborough	Berkshire	\$ 26,000.00	Energy
Raymond G Robinson Jr	Hadwick	Worcester	\$ 30,000.00	Energy
Brett Meredith dba Rocky Maple Bogs	Carver	Plymouth	\$ 10,000.00	Energy
Shaw Farm Dairy, Inc.	Dixlet	Middlesex	\$ 30,000.00	Energy
Beth Manning dba Shingebrook Farm	Shelburne	Franklin	\$ 10,000.00	Energy
Timothy Gallagher dba Square Roots Farm	Lanesborough	Berkshire	\$ 20,000.00	Energy
U-Mass Lowell	Lowell	Middlesex	\$ 7,540.00	Energy
Valley Malt LLC	Hadley	Hampshire	\$ 22,100.00	Energy
Valley Malt LLC	Hadley	Hampshire	\$ 22,100.00	Energy
Valley Malt LLC	Hadley	Hampshire	\$ 22,100.00	Energy
Lillian Jackson dba Wilder Hill Gardens	Conway	Franklin	\$ 15,000.00	Energy
David Warner dba Winter Rock Farm	Chesterfield	Hampshire	\$ 5,000.00	Energy
Benson's Pond Inc	Rochester	Plymouth	\$ 75,000.00	Farm Viability Program Covenant
David Crowell	Hampshire	Hampshire	\$ 50,000.00	Farm Viability Program Covenant
Elliot Farm	Lakeville	Plymouth	\$ 50,000.00	Farm Viability Program Covenant
Richard Green	Hubbardston	Worcester	\$ 25,000.00	Farm Viability Program Covenant
Andrew Hukowicz	Hadwick	Worcester	\$ 25,000.00	Farm Viability Program Covenant
Ernest Kelley	Conway	Franklin	\$ 25,000.00	Farm Viability Program Covenant
Paul Zornli Sr	Williamsburg	Hampshire	\$ 25,000.00	Farm Viability Program Covenant
Robert Gauld	Sterling	Worcester	\$ 50,000.00	Farm Viability Program Covenant
Edilan Almeida dba Almeida Farms	Rehoboth	Bristol	\$ 13,000.00	AFSIP
Apex Orchards Inc	Shelburne	Franklin	\$ 16,039.00	AFSIP
Harrison Bardwell dba Bardwell Farm	Hadfield	Hampshire	\$ 2,800.00	AFSIP
C & C Reading Farm LLC	West Bridgewater	Plymouth	\$ 6,415.00	AFSIP
Cabral Farms Inc	Dighton	Bristol	\$ 13,973.00	AFSIP
Calabrese Farms LLC	Southwick	Hampden	\$ 7,894.00	AFSIP
Carter & Stevens Farm LLC	Barre	Worcester	\$ 30,000.00	AFSIP
Foppema's Farm LLC	Northbridge	Worcester	\$ 2,500.00	AFSIP
Four Town Farm Inc	Seekonk	Bristol	\$ 25,000.00	AFSIP
Justin Galenski dba Galenski Farm	Deerfield	Franklin	\$ 22,000.00	AFSIP
Gary Gemme dba Harvest Farm Produce LLC	Deerfield	Franklin	\$ 6,500.00	AFSIP
Honey Pot Produce Co Inc	Hadley	Hampshire	\$ 19,000.00	AFSIP

Purchase materials and install a 9.75 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 15.12 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 7.67 kw photovoltaic system (PV) as a renewable energy source for the agricultural operation

Purchase materials and install a 172 kw photovoltaic (PV) system as a renewable energy source for the agricultural operation

Purchase materials and install insulated piglet boxes and heating pads for piglets thereby promoting energy efficiency within the agricultural operation

Purchase materials and install a 12.88 kw photovoltaic system (PV) as a renewable energy source for their agricultural operation and three (3) variable frequency drives thereby promoting energy efficiency

Provide all labor and material to install solar powered lighting and power controls to operate the ridge and side vents toward the development of a zero net energy greenhouse operation in partnership with Mill City Grows

Purchase materials and install a 15 kw photovoltaic system (PV) as a renewable energy source for their agricultural operation and three (3) variable frequency drives thereby promoting energy efficiency

Purchase materials and install a 15 kw photovoltaic system as a renewable energy source for the agricultural operation

Purchase materials and install a 5.89 kw photovoltaic system as a renewable energy source for the agricultural operation

Purchase materials and install a new evaporator thereby promoting energy efficiency within their maple operation

Ten year covenant on 103.605 acres

Ten year covenant on 32 acres

Ten year covenant on 6 acres

Ten year covenant on 73 acres

Five year covenant on 5 acres

Five year covenant on 30 acres

Five year covenant on 20.024 acres

Ten year covenant on 38.98 acres

Purchase new plastic bins thereby increasing food safety within the agricultural operation as plastic bins can be properly washed and sanitized, do not pose a threat of adding foreign material to the crop and do not pose a threat to worker safety/hygiene

Purchase new plastic macro bins thereby improving food safety by reducing microbial contamination in their operation

Purchase and install a new washing line which will reduce the risk microbial contamination and food borne illness thereby improving food safety within their operation

Purchase and install a washing table and stainless steel packing tables thereby increasing food safety within their agricultural operation

Purchase materials and install soiling tables and bulk movers thereby promoting food safety within the agricultural operation

Purchase materials and install a new clearly established produce washing and packing table thereby promoting food safety within the agricultural operation

Purchase no-till drill, roller crimper and no-till planter modification thereby promoting mitigation and adaptation benefits within their agricultural operations as they adapt to the changes in the climate

Purchase and install a new barrel washer which will reduce the risk microbial contamination and food borne illness thereby improving food safety within their operation

Purchase and install two (20) new vegetable conveyors thereby increasing food safety within the agricultural operation

Purchase and install a new squash peeler which will reduce the risk microbial contamination and food borne illness thereby improving food safety within their operation

Purchase new plastic bins thereby increasing food safety within the agricultural operation as plastic bins can be properly washed and sanitized, do not pose a threat of adding foreign material to the crop and do not pose a threat to worker safety/hygiene

Purchase materials and install upgrades to their produce washing and packing area and purchase new plastic bins which will reduce the risk of microbial contamination and food borne illness thereby promoting food safety within their agricultural operation

Benjamin Hay dba Maple Row Farm	Shelburne	Franklin	\$	7,957.00	AFSIP
Marini Farm, LLC	Ipswich	Essex	\$	10,000.00	AFSIP
Richard Gray Jr. dba Oakdale Farms	Dighton	Bristol	\$	20,000.00	AFSIP
Phoenix Fruit Farm LLC	Belchertown	Hampshire	\$	12,750.00	AFSIP
James Schultz dba Red Shirt Farm LLC	Lanesborough	Berkshire	\$	7,650.00	AFSIP
Stone Soup LLC dba Long Water Farm	Easton	Bristol	\$	25,000.00	AFSIP
Milton Teixeira dba Under the Sun Farm LLC	Dighton	Bristol	\$	11,720.00	AFSIP
Thaddeus Smiarowski	Sunderland	Franklin	\$	18,000.00	AFSIP
Warner Farm LLC	Sunderland	Franklin	\$	23,800.00	AFSIP
White Barn Farm, Inc	Wrentham	Norfolk	\$	23,839.00	AFSIP
Community Seavings Inc	Boston	Suffolk	\$	391,296.00	Food Ventures Program
Livestock Institute of Southern New England	Westport	Bristol	\$	250,000.00	Food Ventures Program
Nuestra Comunidad Development Corp	Boston	Suffolk	\$	250,000.00	Food Ventures Program
The Daily Table	Boston	Suffolk	\$	290,285.00	Food Ventures Program
UTC, Inc	Lowell	Suffolk	\$	75,506.00	Food Ventures Program
World Farmers, Inc	Lancaster	Worcester	\$	124,699.00	Food Ventures Program
Black Duck Farm	Becket	Berkshire	\$	1,600.00	Matching Enterprise Grant
Bogside Acres LLC	Plymouth	Plymouth	\$	10,000.00	Matching Enterprise Grant
Colfax Farm LLC	West Stockbridge	Berkshire	\$	6,000.00	Matching Enterprise Grant
Cross Street Flower Farm LLC	Norwell	Plymouth	\$	10,000.00	Matching Enterprise Grant
Dana Pazolt	Tiuro	Barnstable	\$	10,000.00	Matching Enterprise Grant
William Braun	Westport	Bristol	\$	8,000.00	Matching Enterprise Grant
WVM Edibles LLC	Edgartown	Dukes	\$	10,000.00	Matching Enterprise Grant
Sandy Neck Oyster Co.	Barnstable	Barnstable	\$	10,000.00	Matching Enterprise Grant
Silver Bell Farm LLC	Mosson	Hampden	\$	10,000.00	Matching Enterprise Grant
Jonathan Carr	Hadley	Hampshire	\$	25,000.00	Stewardship Program
Crickel Creek Farm, LLC	Williamstown	Berkshire	\$	25,000.00	Stewardship Program
Bettercourt Farm - Myrt Brook Farm	Westport	Bristol	\$	16,508.00	Stewardship Program
Sean Stanton dba North Plain Farm LLC	Great Barrington	Berkshire	\$	24,664.00	Stewardship Program
Nourse Family Farm Inc	Westborough	Worcester	\$	10,500.00	Stewardship Program

Purchase and install a new floor to their washing and packing area thereby improving food safety within their operation

Purchase and install a new washing line which will reduce the risk microbial contamination and food borne illness thereby improving food safety within their operation

Purchase materials and install a new clearly established produce washing and packing area including a cold storage area which will reduce the risk microbial contamination and food borne illness thereby promoting food safety within their agricultural operation

Purchase materials and repair their apple washing and packing line which will reduce the risk of microbial contamination and food borne illness thereby promoting food safety within their operation

Purchase materials and install upgrades to their produce washing and packing area including cold storage which will reduce the risk microbial contamination and food borne illness thereby promoting food safety within their agricultural operation

Purchase and install fencing to keep wildlife out of produce, handwashing sinks, and humidification system in their walk-in cooler thereby improving food safety by reducing bacterial contamination within their operation

Purchase and install a new washing line and plastic bins which will reduce the risk microbial contamination and food borne illness thereby improving food safety within their operation

Purchase and install a new washing line and plastic bins which will reduce the risk microbial contamination and food borne illness thereby improving food safety within their operation

Purchase materials and install upgrades to their produce washing and packing area and purchase two (2) portable restroom trailers which will reduce the risk microbial contamination and food borne illness thereby promoting food safety within their agricultural operation

Purchase materials and install upgrades to their produce washing and packing area which will reduce the risk microbial contamination and food borne illness thereby promoting food safety within their agricultural operation

To purchase food processing equipment (and related costs) and four (4) heavy duty vans

HVAC/Refrigeration

Purchase grocery store equipment

Purchase and install sprinkler equipment, HVAC and electrical network for new retail market

Purchase equipment for a new 5000 sq ft full service community kitchen

Renovation of commercial kitchen and associated equipment

Purchase materials and labor for installation of frost-free watering system for ducks including hydrants, pipes, fittings and related supplies; skid steer rental; contracted labor for site excavation; fill and gravel

Purchase farm equipment including storage tent, chicken tractor, crates and supplies; grow light system; no till seed drill; and round bale feeder

Purchase labor and materials for a greenhouse including site excavation, plumbing and electrical hookup

Purchase farm equipment including walking tractor, plow, harrow, mower, compost tea brewer, drip irrigation set and hand tools; used delivery van

Purchase oyster production equipment including sorter/tumbler/insler, floating cages, grow-out trays and grow bags

Purchase and install propagation greenhouse and fencing; purchase fabric and growing tables for greenhouse, flail mower, and stakes

Purchase steel soaking pallets, soaking dumpsters, engine muffler, shade tents & cloths, and inoculation equipment

Purchase grow out trays for oysters

Purchase a skid steer

Provide contracted labor and materials for orchard restoration project to include pulling of roots, filling of holes, clearing of branches, wood chips, land grading, terracing and stabilization, and reseeding

Provide contracted labor and materials for pasture and hay field restoration to include clearing brush and trees, mulching and mowing

Provide contracted labor and materials for pond and pasture restoration project to include harrowing and reseeding of fields; purchase and installation of fencing; dredging of pond and purchase of irrigation pump

Provide contracted labor and materials for pasture restoration project to include clearing and chipping of trees and brush; soil amendments and reseeding; and purchase and installation of fencing

Provide contracted labor and materials to include clearing brush, pulling stumps and roots, applying soil amendments and seeding

Phoenik Fruit Farm LLC	Belchertown	Hampshire	\$ 26,225.00	Stewardship Program	provide labor and materials for orchard restoration project to include: pulling stumps, clearing and removing brush and reseedling
Gardening the Community	Springfield	Hampden	\$ 74,230.00	Urban Agriculture	Full construction and material costs of farm stand
Mill City Grow	Lowell	Middlesex	\$ 36,934.09	Urban Agriculture	Purchase of brush mower, two (2) utility trailers, a towing vehicle and small farm tools
Nuba United Benevolent International Assn	Boston	Suffolk	\$ 4,104.00	Urban Agriculture	Purchase a BCS tiller and snow plow
Regional Environmental Council	Worcester	Worcester	\$ 12,474.00	Urban Agriculture	Purchase a van, produce storage boxes, two (2) hydroponic units, kitchen tools, and market stand equipment
University of Ma. Lowell	Lowell	Middlesex	\$ 71,808.00	Urban Agriculture	Water and electric connection, fence, heat blower & mats, storage shed, solar controls, compost, crushed stone, perennials, tools, harvesting carts and drip irrigation system
Urban Farming Institute of Boston	Boston	Suffolk	\$ 50,908.00	Urban Agriculture	Refrigeration cooler, compost, tarp, soil amendments, 1 acornia truck, various hand tools, planting materials, and market banners
Victory Programs	Boston	Suffolk	\$ 27,221.00	Urban Agriculture	Greenhouse infrastructure improvements and materials, tools, soil amendments, and satellite farm enhancements for soil erosion
Wellspring Cooperative Corp	Springfield	Hampden	\$ 65,400.00	Urban Agriculture	Purchase a hydroponic growing system, security fencing, high pressure sodium lighting, a generator, walk in refrigerator, and 3 phase converters

HEMP PROGRAM **AG BOARD UPDATE**

Licenses:

Applications receive: 15

Total issued: 13

Dual: 8

Growers: 4

Processor: 0

<u>Locations</u>	<u># Licenses</u>	<u>Planted</u>
North	1	None at this time
South	2	2464 sq ft.
Central	3	16 acres; 4000sq ft
Western	6	6.5 acres

****3 Growers have not planted yet due to lack of seed and prepping fields****

****Only two growers growing indoors****

Application Turn Around:

Complete Application: 12 days

Application Received: 25 days

Types of Products Being Grown For:

Fiber; rope

Seeds

Candy

Baked goods

Skin products

Tincture

Capsules

Seeds Obtained From:

CO

KY

Outreach:

Franklin Regional Council of Governments; Fall

NOFA; Fall & Winter Meeting

Letters to facilities that may be working with growers to ensure they are licensed as a processor