

PROGRAM DESCRIPTION

Department: Agriculture

HB Section(s): 6.100

Program Name: Plant Pest Control

Program is found in the following core budget(s): Plant Industries

1a. What strategic priority does this program address? Empower more Missouri consumers and agribusinesses.

Empower more Missourians.

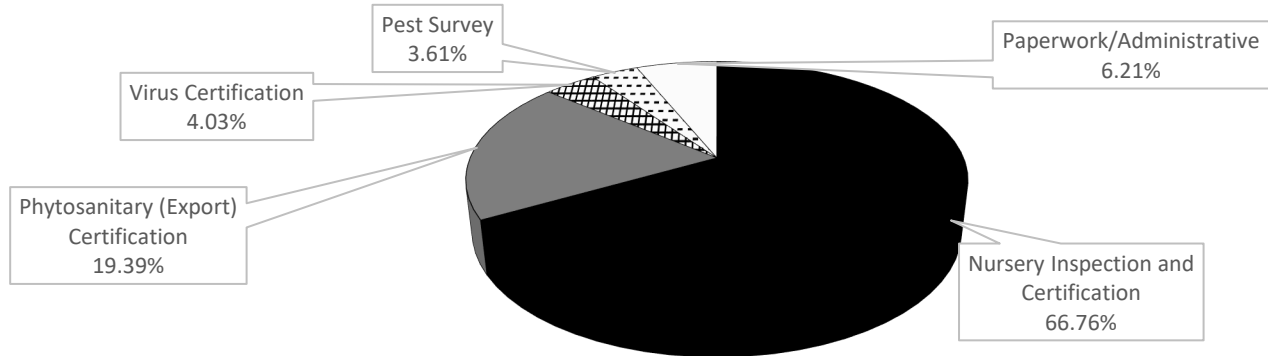
1b. What does this program do?

This program is designed to facilitate trade and prevent the introduction and spread of economic plant pests. This is accomplished by:

- Facilitating interstate and international trade of plant based commodities while preventing the introduction and spread of harmful plant pests within the state of Missouri and to areas outside our borders.
- Providing plant regulatory services (i.e., inspections, certifications, etc.) necessary for the movement of agricultural products in domestic and international markets.
- Providing consumer/industry protection and education in the areas of pest prevention and control.
- Preventing harm to agricultural and forest resources by inspection of nursery stock, a major pathway into Missouri for exotic pests (such as gypsy moth, emerald ash borer, sudden oak death, Asian longhorned beetle, thousand cankers disease of walnut).

2a. Provide an activity measure(s) for the program.

FY20 Work Time Distribution Among Primary Responsibilities For Program Field Staff



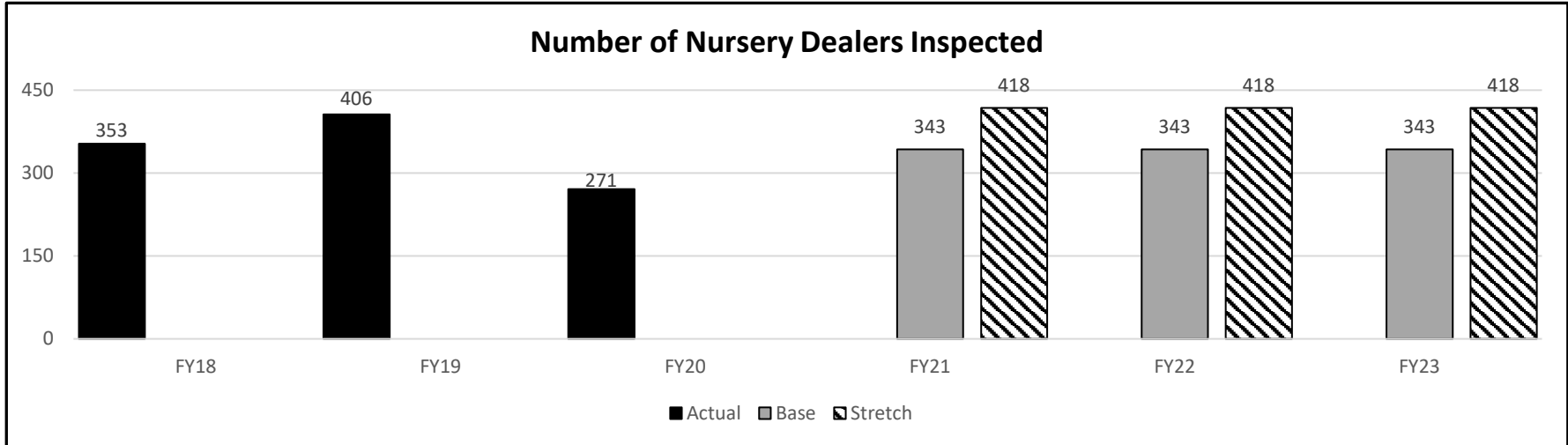
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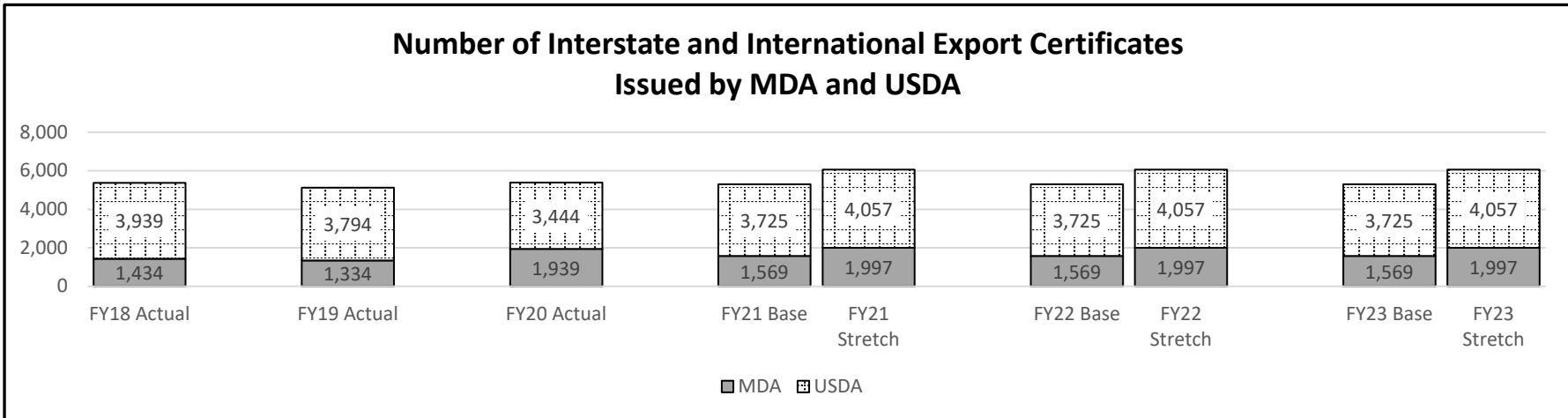
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NOTE 1: The majority of nursery stock sold at dealers is from out of state and is a pathway for pests and diseases that could cause serious economic damage to Missouri agricultural and forest resources. Dealer inspections are not mandated but are an important pest preventative measure.

NOTE 2: Most dealer inspections are conducted in the spring. Due to COVID-19 precautions, inspectors avoided busy retail nurseries in spring of 2020. Fewer dealer inspections were also conducted due to time spent in response to two federally regulated plant diseases in FY20.



NOTE 1: Both MDA and USDA issue federal export certificates to meet import requirements of receiving countries. MDA also issues state export certificates to meet receiving state's requirements. This program function facilitates interstate and international trade of Missouri ag products.

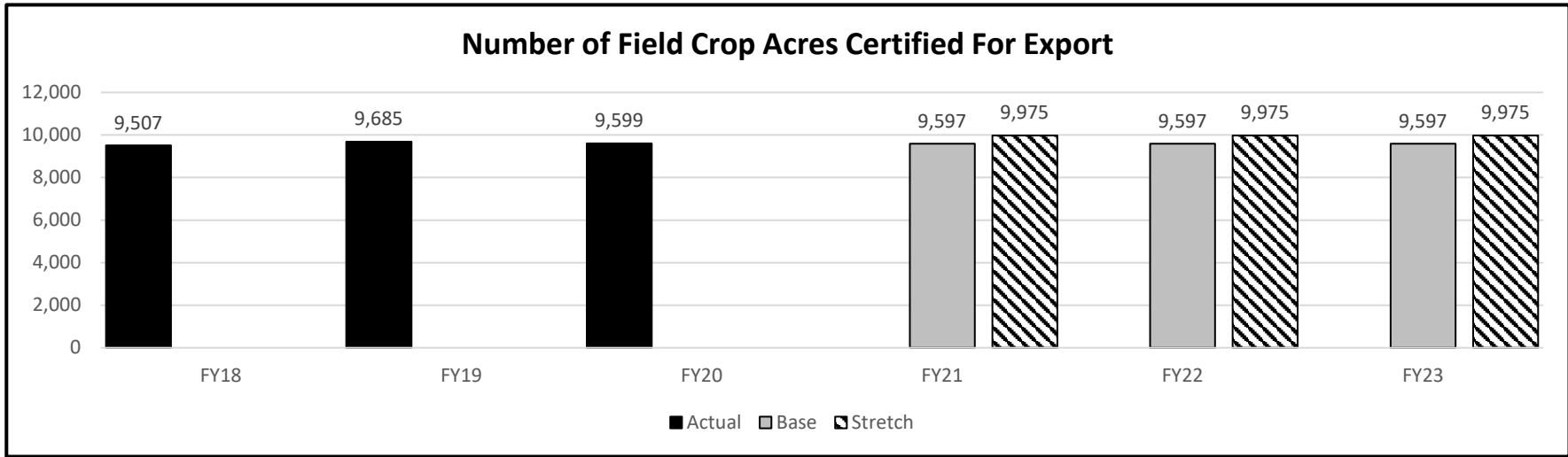
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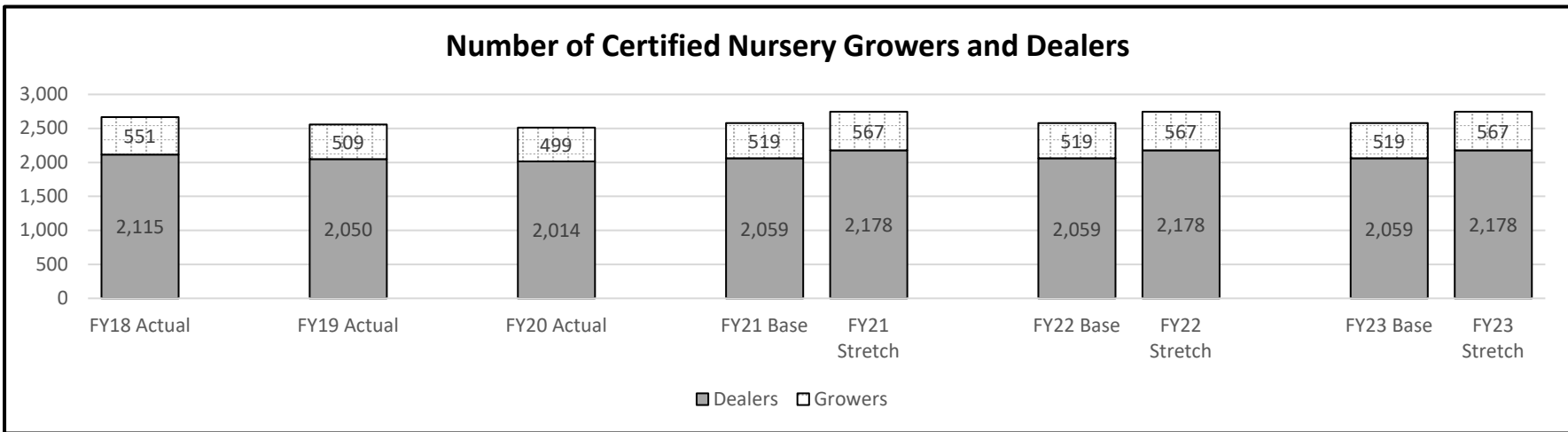
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NOTE 1: These field inspections are required by importing countries. This program function helps facilitate international export of Missouri grown research crop seed.



NOTE 1: Certification is required for interstate shipment and to protect Missouri consumers of nursery stock and our agricultural and forest resources.
 NOTE 2: Nursery stock is a primary pathway for invasive pests that can impact agricultural and forest resources.

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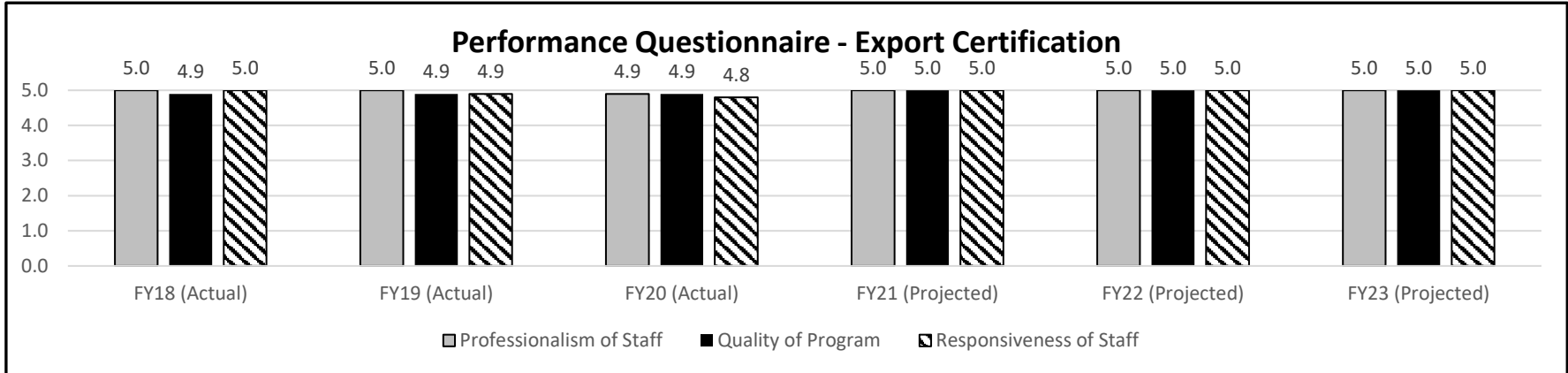
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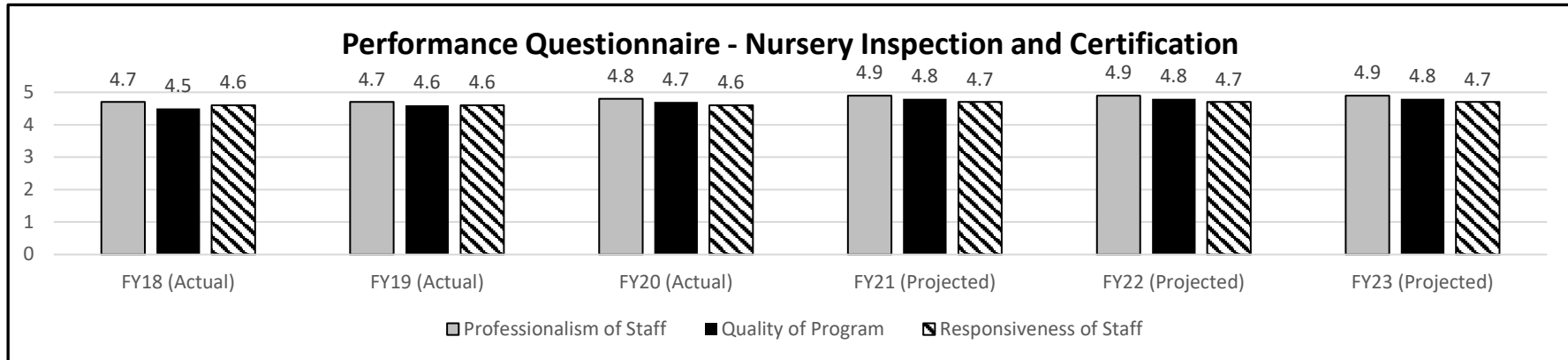
2b. Provide a measure(s) of the program's quality.



NOTE 1: Respondents were given the following options: strongly disagree (1), disagree (2), neutral (3), agree (4), strongly agree (5).

NOTE 2: Response rates for FY18, FY19, and FY20 were 32% (13 respondents), 34% (14 respondents), and 41% (17 respondents) respectively.

NOTE 3: FY18 was the first year for which this data was collected.



NOTE 1: Respondents were given the following options: strongly disagree (1), disagree (2), neutral (3), agree (4), strongly agree (5).

NOTE 2: Response rates for FY18, FY19, and FY20 were 16% (89 respondents), 28% (145 respondents), and 28% (146 respondents) respectively.

NOTE 3: FY18 was the first year for which this data was collected.

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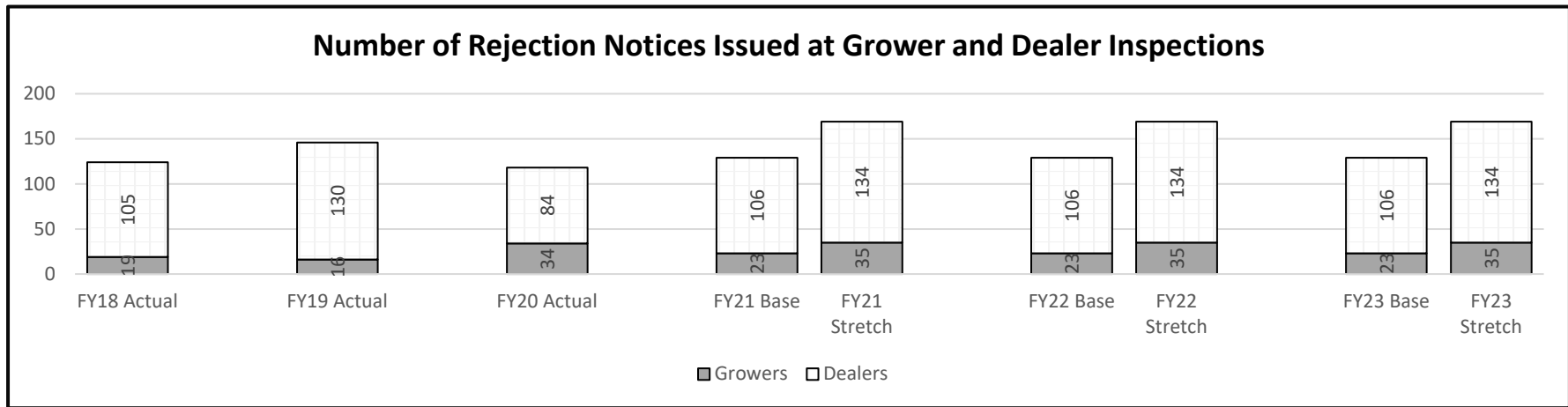
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2c. Provide a measure(s) of the program's impact.



NOTE 1: Rejection notices are issued in cases when harmful pests are detected and notice sent to the Missouri nursery, origin nursery and origin department of ag. Nursery stock inspected at dealers has primarily been grown out of state and presents a higher risk of pest introductions.

NOTE 2: Fewer dealer inspections were conducted in spring 2020 due to COVID-19 precautions. Nursery dealers are where most rejection notices are issued.

Percent of Nursery Dealers Inspected FY20

State	Number Licensed Dealers	Number Inspections	Percent Inspected
Indiana	3606	259	7%
Iowa	891	144	16%
Michigan	3911	1040	27%
Minnesota	2158	286	13%
Missouri	2014	271	14%
North Dakota	238	45	19%
Wisconsin	2558	547	21%

NOTE 1: Dealer inspections are not mandated by the Missouri Plant Law. Dealers are a significant source of pest introductions that can impact Missouri's agricultural and forest resources.

NOTE 2: Missouri percent of dealer inspections conducted is down from 20% in FY19 due to COVID-19 precautions in spring of 2020 and time spent on response to introductions of federally regulated plant diseases, Sudden Oak Death and *Ralstonia solanacearum* in FY20.

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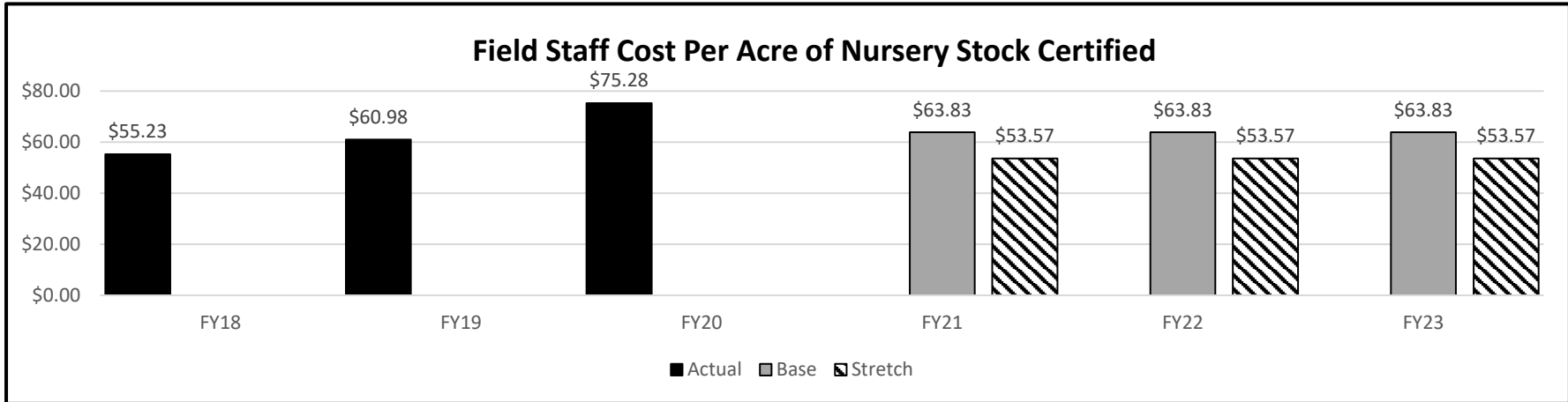
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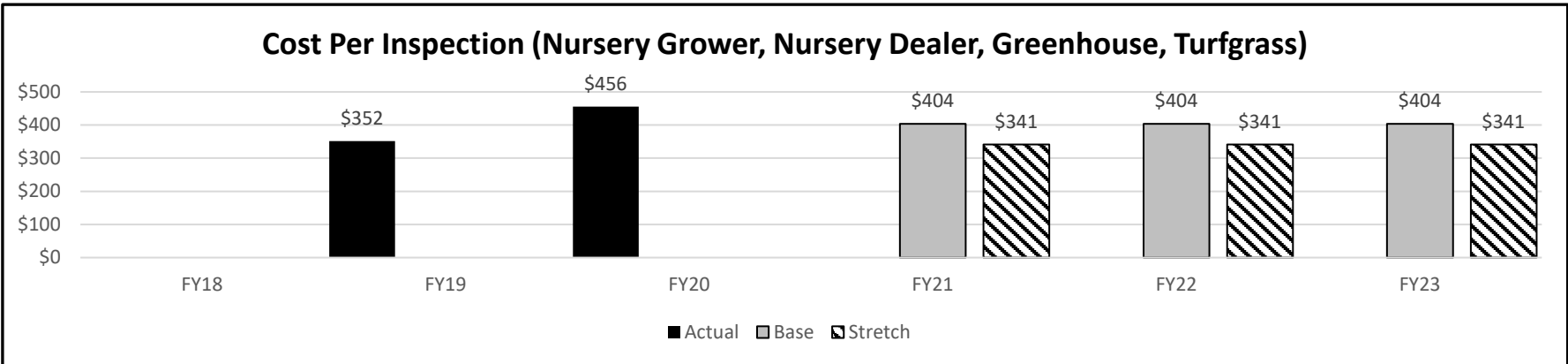
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2d. Provide a measure(s) of the program's efficiency.



NOTE 1: This measure shows cost per acre of nursery stock certified based on program staff time spent on nursery inspection and certification. It does not include office staff time spent processing inspection reports, database entry, and processing license renewals.

NOTE 2: Number of licensed acres declined in FY20, however, staff time spent at nurseries increased due to traceforward inspections due to introductions of federally regulated plant diseases including Sudden Oak Death and *Ralstonia solanacearum*.



NOTE 1: This is a new measure for FY19.

NOTE 2: Calculation uses percent of time spent by inspectors on these inspections multiplied by total ag protection fund expenditures for the program, divided by number of these inspections conducted. Some inspections take multiple staff several days to complete (large nursery growers).

NOTE 3: Fewer dealer inspections were conducted in FY20 due to COVID-19 and extra time spent on response to a federally regulated plant diseases.

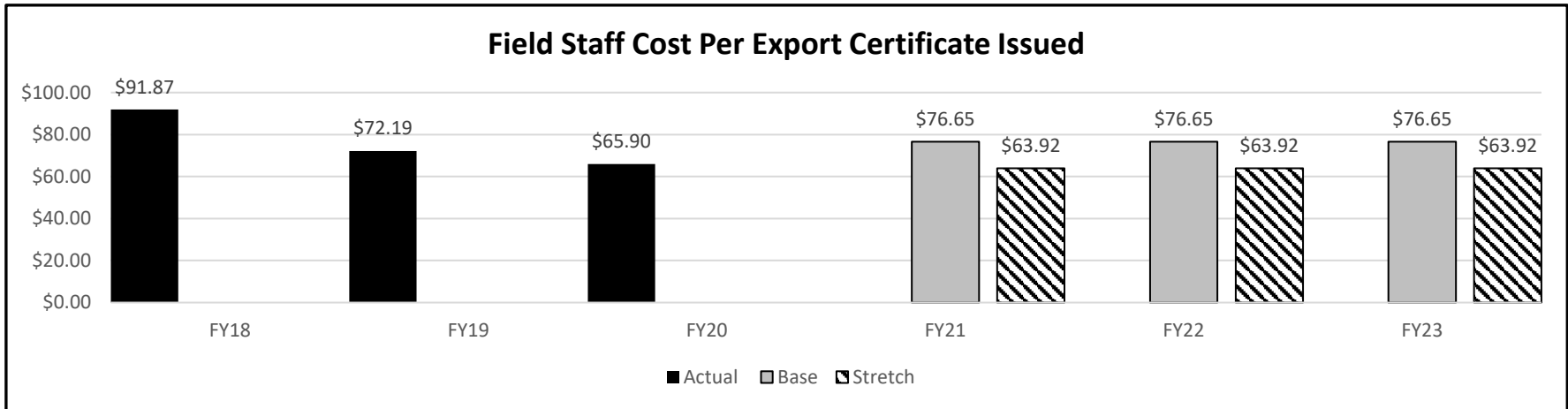
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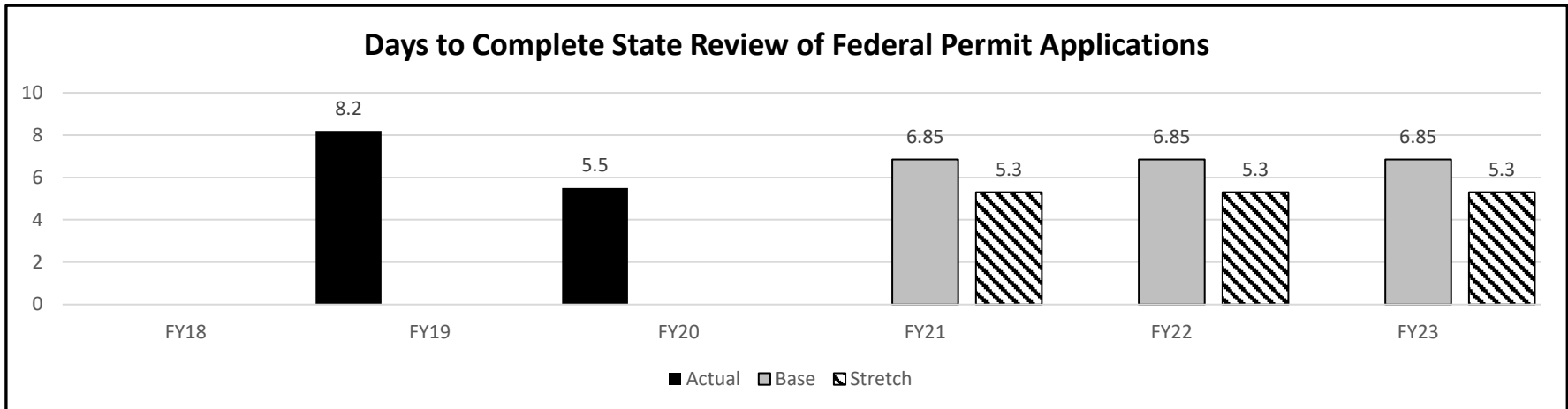
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NOTE 1: This measure shows cost per certificate issued based on field staff time spent on export certification. It does not include office staff time spent researching requirements, communicating with exporters and field staff, and issuing certificates.

NOTE 2: Number of certificates issued in FY20 increased significantly, due in part to addition of new clients.



NOTE 1: This was a new measure in FY19.

NOTE 2: USDA allows states to review/approve federal applications for the movement of regulated, genetically modified seed/plant material, live plant pests, soil and other plant-related, federally regulated items. There were 410 permits reviewed by the State Entomologist in FY20.

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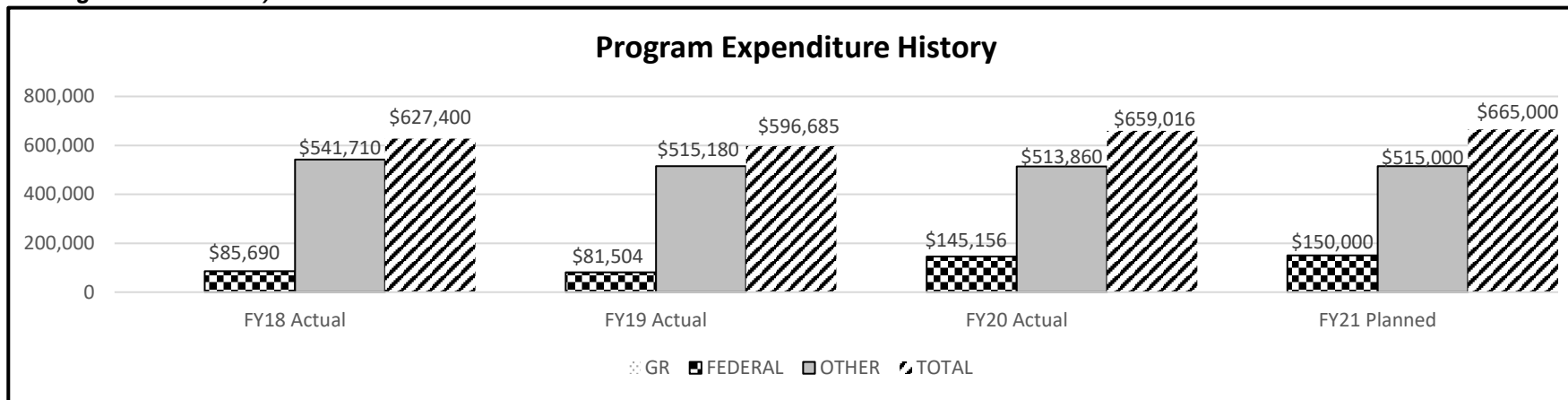
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3. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)



4. What are the sources of the "Other " funds?

Ag Protection Fund

5. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

The Missouri Plant Law, RSMo Sections 263.010 to 263.180 The Missouri Apiculture Law, RSMo Sections 264.011 to 264.101

6. Are there federal matching requirements? If yes, please explain.

No.

7. Is this a federally mandated program? If yes, please explain.

No.