

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.

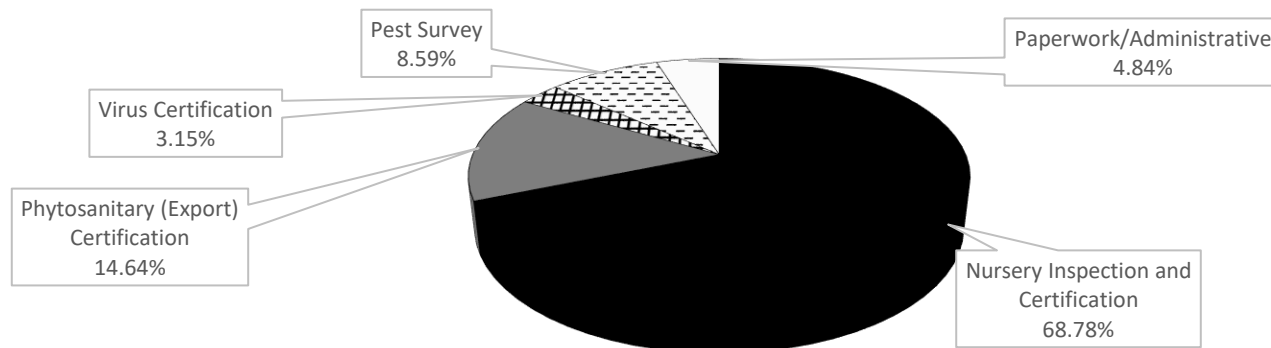
1b. What does this program do?

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 and certifications) 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.

FY21 Work Time Distribution Among Primary Responsibilities For Program Field Staff



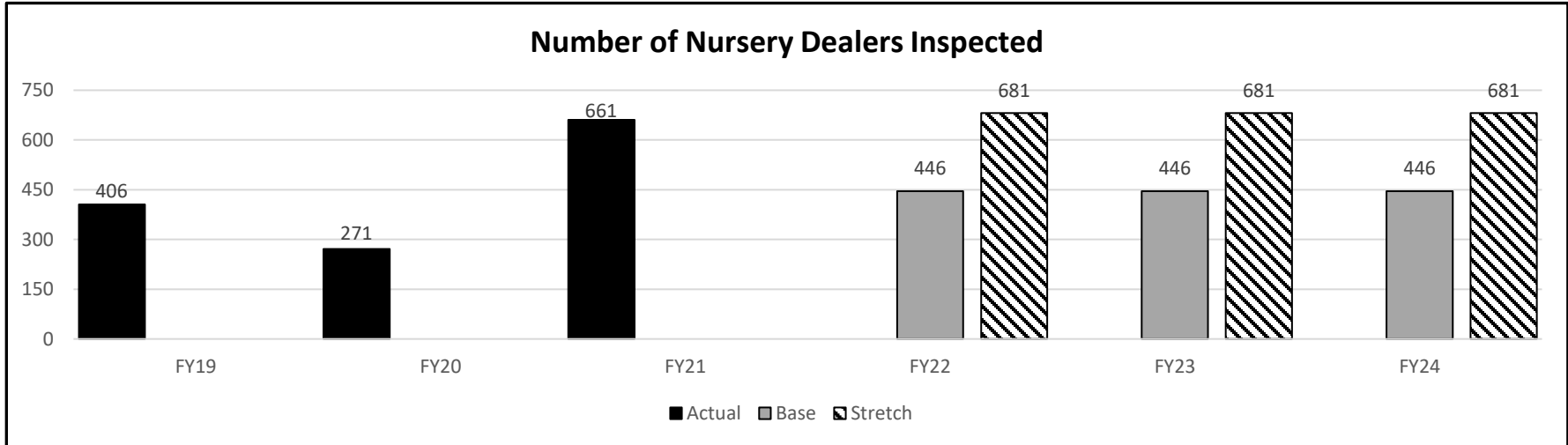
PROGRAM DESCRIPTION

Department: Agriculture

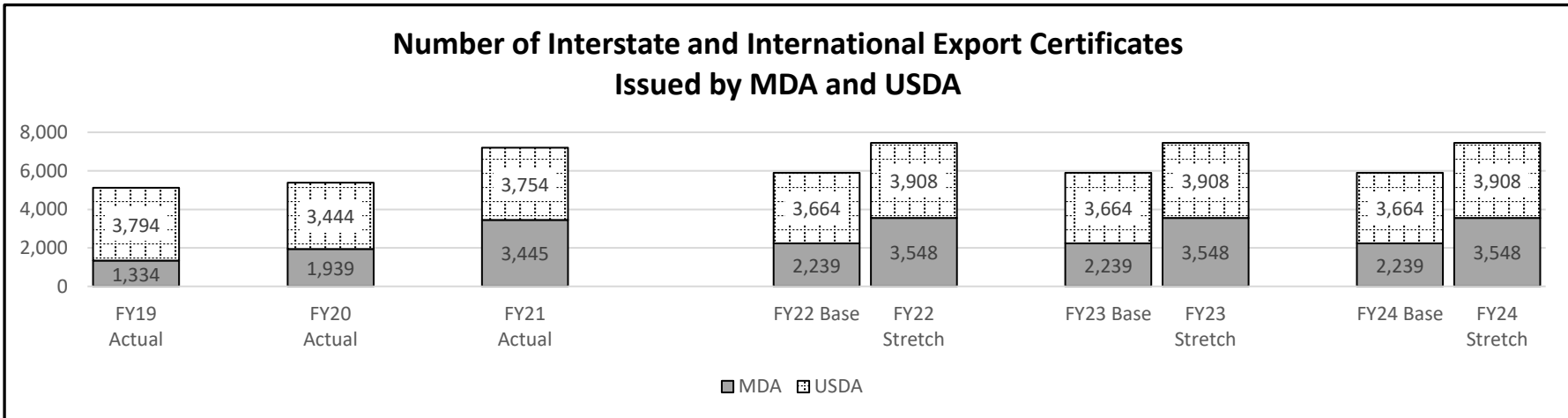
HB Section(s): 6.100

Program Name: Plant Pest Control

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



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 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.

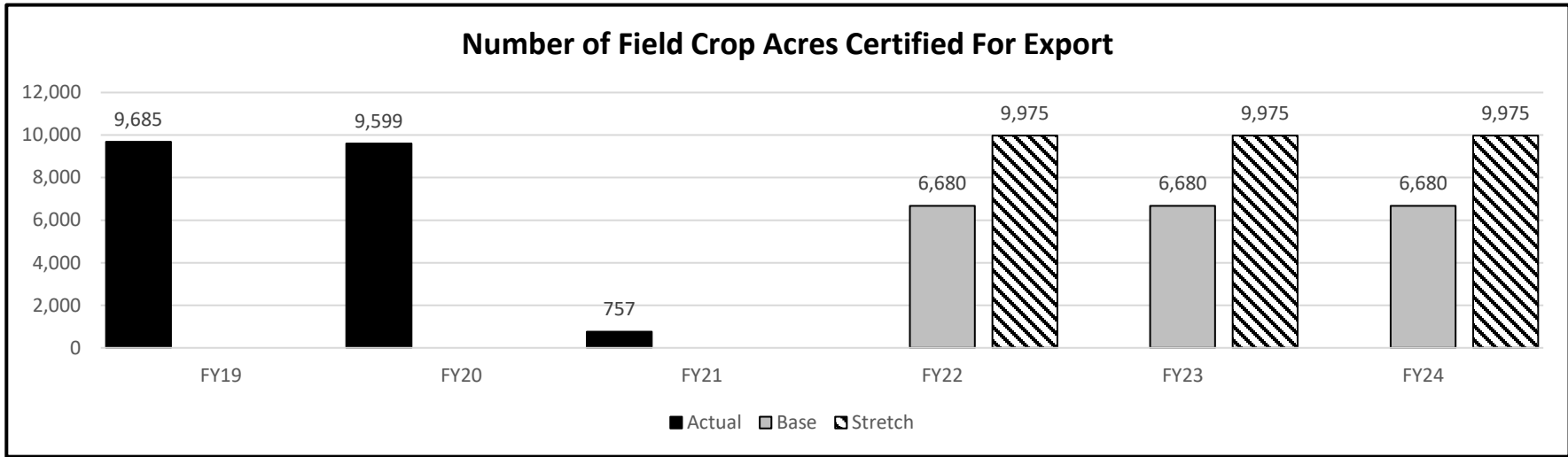
PROGRAM DESCRIPTION

Department: Agriculture

HB Section(s): 6.100

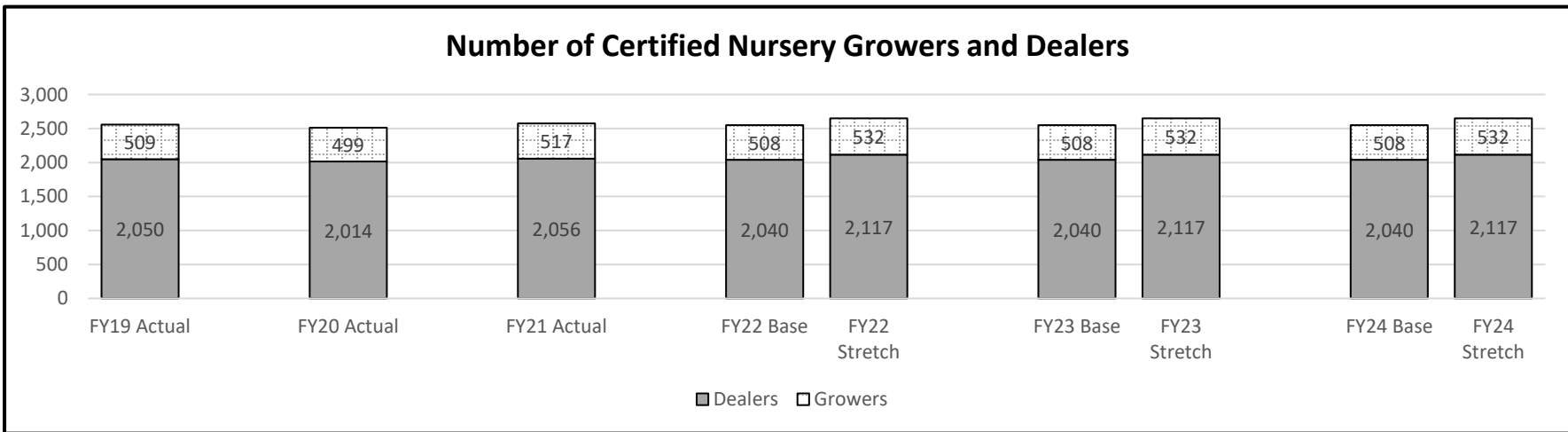
Program Name: Plant Pest Control

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



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

NOTE 2: The primary company MDA inspects didn't have as many soybean research plots as usual, but plans to return to previous acreage in FY23.



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.

PROGRAM DESCRIPTION

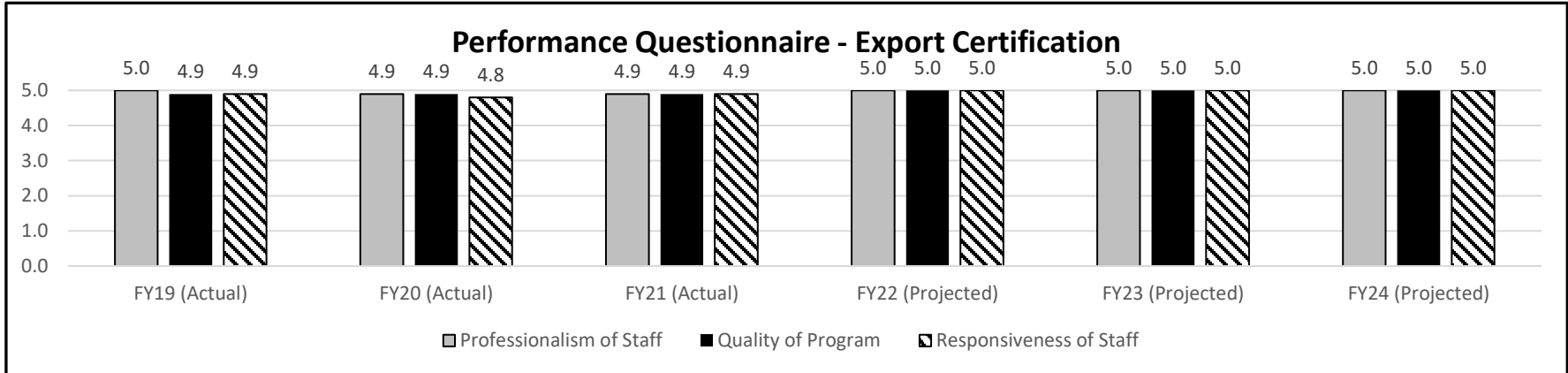
Department: Agriculture

HB Section(s): 6.100

Program Name: Plant Pest Control

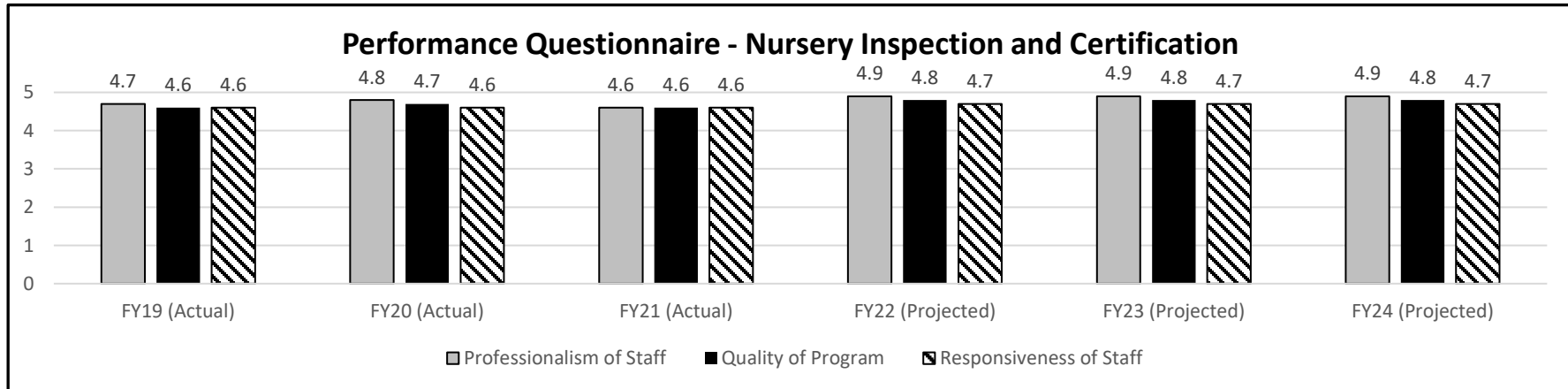
Program is found in the following core budget(s): Plant Industries

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 FY19, FY20, and FY21 were 34% (14 respondents), 41% (17 respondents) and 9% (7 respondents) respectively.



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 FY19, FY20 and FY21 were 28% (145 respondents), 28% (146 respondents) and 20% (101 respondents) respectively.

PROGRAM DESCRIPTION

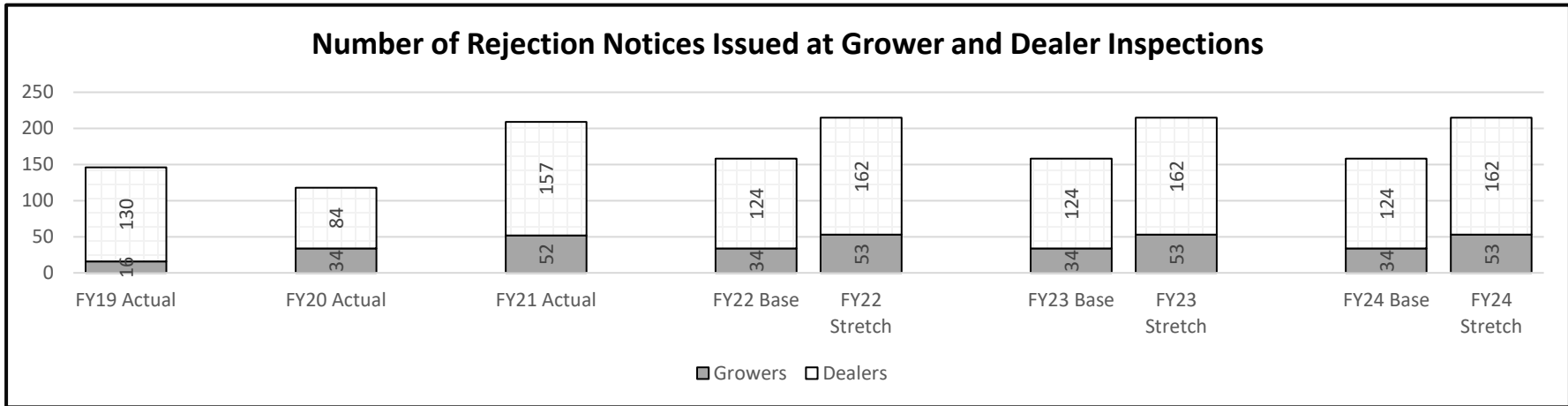
Department: Agriculture _____

HB Section(s): 6.100 _____

Program Name: Plant Pest Control _____

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

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.

Percent of Nursery Dealers Inspected FY21

State	Number Licensed Dealers	Number Inspected	Percent Inspected
Indiana	3,433	219	6%
Iowa	893	59	7%
Michigan	3,946	90	2%
Minnesota	1,819	160	9%
Missouri	2,056	661	32%
North Dakota	237	66	28%
Wisconsin	1,189	436	37%

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.

PROGRAM DESCRIPTION

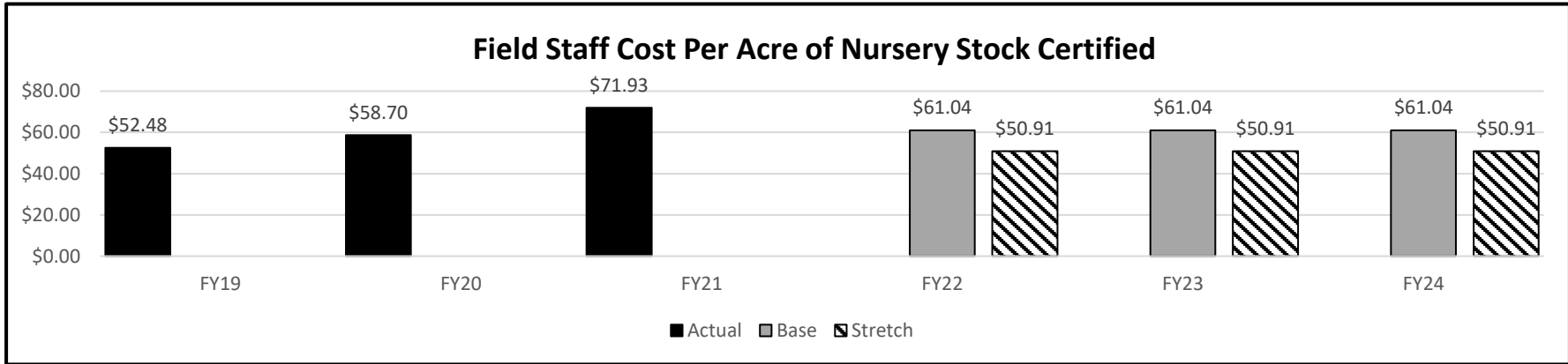
Department: Agriculture

HB Section(s): 6.100

Program Name: Plant Pest Control

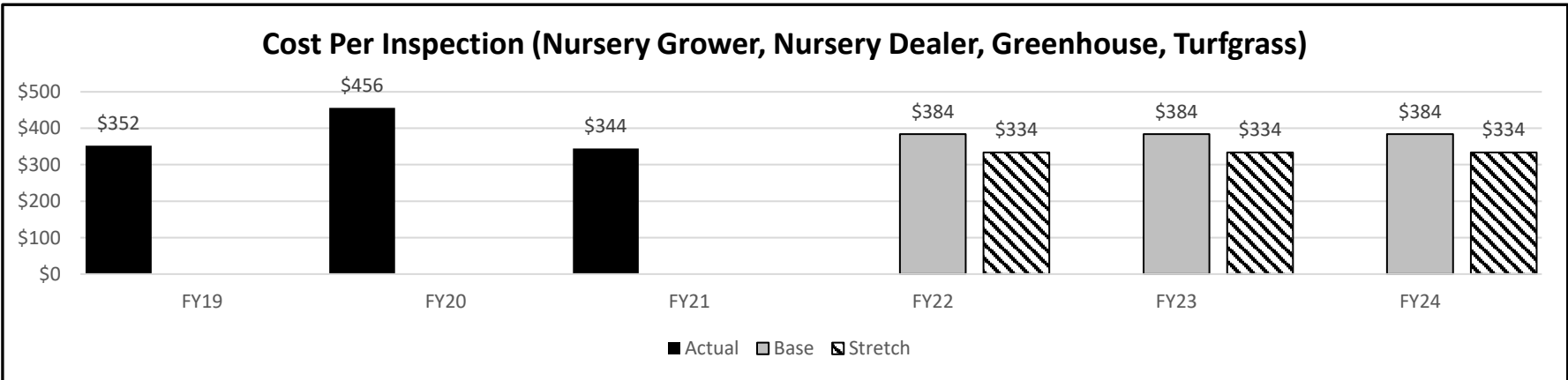
Program is found in the following core budget(s): Plant Industries

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 and FY21. 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*. Both of these factors caused an increase in the calculated cost per acre.



NOTE 1: 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).

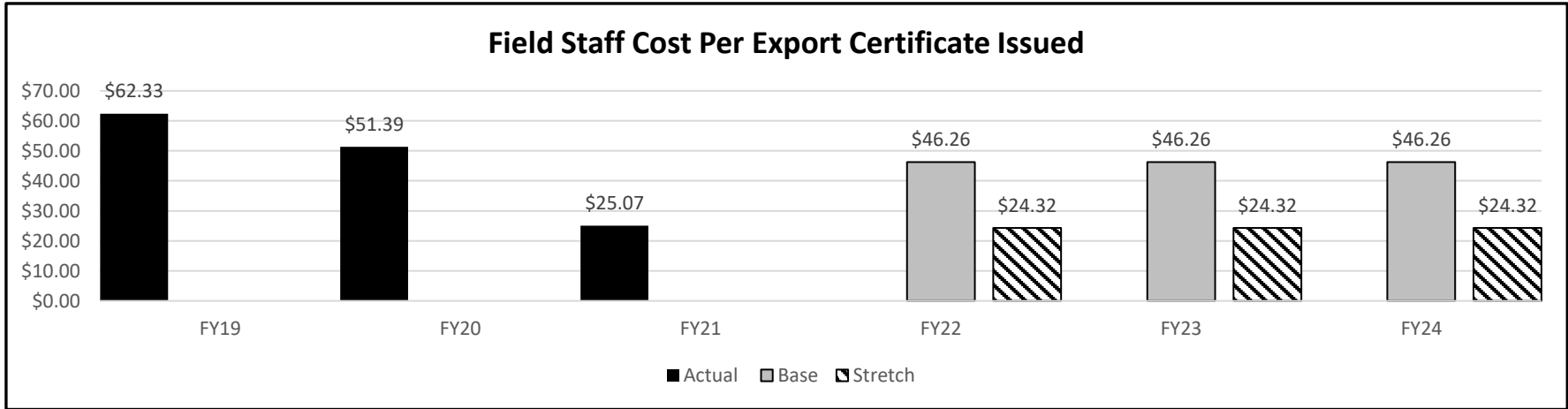
PROGRAM DESCRIPTION

Department: Agriculture

HB Section(s): 6.100

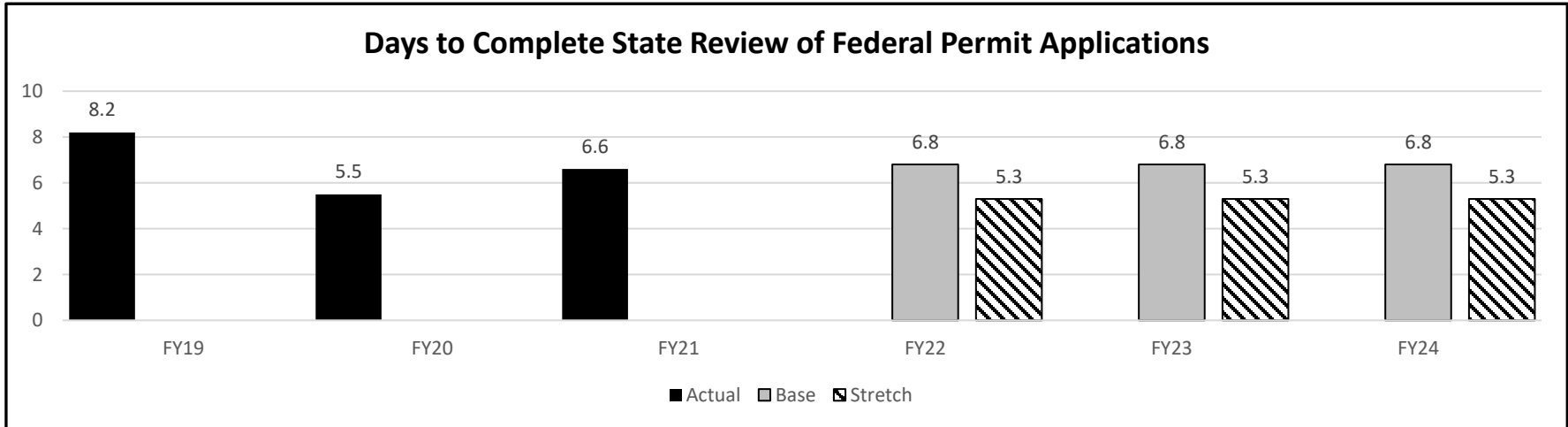
Program Name: Plant Pest Control

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



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 and FY21 increased significantly, due in part to addition of new clients.



NOTE 1: 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 more than 437 permits reviewed by the State Entomologist in FY21.

PROGRAM DESCRIPTION

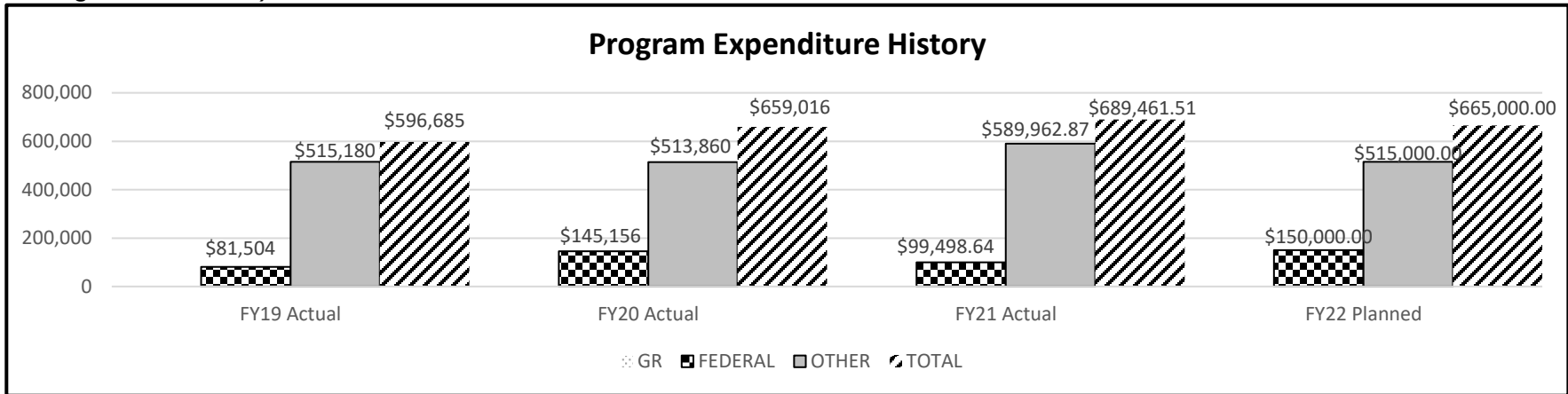
Department: Agriculture

HB Section(s): 6.100

Program Name: Plant Pest Control

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

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.