

determination of the effect of water environment on the development of the fish immune system, and the development of therapeutic, synthetic, or natural systems, for the control of fish diseases.

(Pub. L. 95-113, title XIV, § 1475, as added Pub. L. 97-98, title XIV, § 1440(a), Dec. 22, 1981, 95 Stat. 1316; amended Pub. L. 99-198, title XIV, § 1429(a), Dec. 23, 1985, 99 Stat. 1555; Pub. L. 101-624, title XVI, § 1614(a), Nov. 28, 1990, 104 Stat. 3727; Pub. L. 104-66, title I, § 1011(u), Dec. 21, 1995, 109 Stat. 711; Pub. L. 104-127, title VIII, § 820(b), Apr. 4, 1996, 110 Stat. 1168; Pub. L. 113-79, title VII, §§ 7124(a), 7128(b)(1)(B), Feb. 7, 2014, 128 Stat. 876, 878; Pub. L. 115-334, title VII, § 7614(b)(1)(B), Dec. 20, 2018, 132 Stat. 4833.)

REFERENCES IN TEXT

The National Aquaculture Act of 1980, referred to in subsecs. (a) and (c), is Pub. L. 96-362, Sept. 26, 1980, 94 Stat. 1198, which is classified generally to chapter 48 (§ 2801 et seq.) of Title 16, Conservation. For complete classification of this Act to the Code, see Short Title note set out under section 2801 of Title 16 and Tables.

AMENDMENTS

2018—Subsec. (b). Pub. L. 115-334 substituted pars. (1) to (3) for “The Secretary may make competitive grants to—

“(1) land-grant and sea grant colleges and universities;

“(2) State agricultural experiment stations;

“(3) colleges, universities, and Federal laboratories having a demonstrable capacity to conduct aquacultural research, as determined by the Secretary; and

“(4) nonprofit private research institutions;” for research and extension to facilitate or expand promising advances in the production and marketing of aquacultural food species and products and to enhance further the safety and wholesomeness of those species and products, including the development of reliable supplies of seed stock and therapeutic compounds.”

2014—Subsec. (b). Pub. L. 113-79, § 7128(b)(1)(B), struck out at end of concluding provisions “Except in the case of Federal laboratories, no grant may be made under this subsection unless the State in which the grant recipient is located makes a matching grant (of which amount an in-kind contribution may not exceed 50 percent) to such recipient equal to the amount of the grant to be made under this subsection, and unless the grant is in implementation of the national aquaculture development plan, and revisions thereto, developed under the National Aquaculture Act of 1980.”

Pub. L. 113-79, § 7124(a), inserted “competitive” before “grants” in introductory provisions.

1996—Subsecs. (e) to (g). Pub. L. 104-127 redesignated subsecs. (f) and (g) as (e) and (f), respectively, and struck out heading and text of former subsec. (e). Text read as follows: “Not later than March 1 of each year, the Secretary shall submit a report to the President, the House Committee on Agriculture, the House Committee on Merchant Marine and Fisheries, the House Committee on Appropriations, the Senate Committee on Agriculture, Nutrition, and Forestry, and the Senate Committee on Appropriations, containing a summary outlining the progress of the Department of Agriculture in meeting the purposes of the programs established under this subchapter.”

1995—Subsec. (e). Pub. L. 104-66 struck out “(1)” before “Not later than” and struck out par. (2) which required Secretary to conduct a study assessing economic impact of animal damage to the United States aquaculture industry.

1990—Subsec. (a). Pub. L. 101-624, § 1614(a)(1), inserted heading and substituted “United States and to enhance further the safety of food products derived from the aquaculture industry,” for “United States.”

Subsec. (b). Pub. L. 101-624, § 1614(a)(2), inserted heading, inserted “and sea grant” after “land-grant” in par. (1), and inserted before period at end “and to enhance further the safety and wholesomeness of those species and products, including the development of reliable supplies of seed stock and therapeutic compounds”.

Subsec. (c). Pub. L. 101-624, § 1614(a)(3), inserted heading.

Subsec. (d). Pub. L. 101-624, § 1614(a)(4), inserted heading, substituted “five aquacultural” for “four aquacultural”, and inserted at end “To the extent practicable, the Secretary shall ensure that equitable efforts are made at these centers in addressing the research needs of those segments of the domestic aquaculture industry located within that region.”

Subsec. (e). Pub. L. 101-624, § 1614(a)(5), inserted heading, designated existing provisions as par. (1), substituted “Not later than March 1 of each year,” for “Not later than one year after the effective date of this subchapter and not later than March 1 of each subsequent year,” and added par. (2).

Subsecs. (f), (g). Pub. L. 101-624, § 1614(a)(6), added subsecs. (f) and (g).

1985—Subsec. (b). Pub. L. 99-198, § 1429(a)(1), (2), added par. (4) and inserted “(of which amount an in-kind contribution may not exceed 50 percent)” after “matching grant”.

Subsec. (d). Pub. L. 99-198, § 1429(a)(3), (4), substituted in first sentence “any of the non-Federal entities specified in subsection (b)” for “State agencies (including State departments of agriculture), and land-grant colleges and universities,” and inserted provision respecting geographic location of aquaculture research, development, and demonstration centers.

Subsec. (e). Pub. L. 99-198, § 1429(a)(5), inserted “the House Committee on Merchant Marine and Fisheries.”

EFFECTIVE DATE OF 2018 AMENDMENT

Amendment by Pub. L. 115-334 applicable to grants, cooperative agreements, or other awards made after Dec. 20, 2018, with matching funds requirement in effect on Dec. 20, 2018, to continue to apply to such grant, cooperative agreement, or other award, see section 7614(c) of Pub. L. 115-334, set out as a note under section 3151 of this title.

EFFECTIVE DATE

Section effective Dec. 22, 1981, see section 1801 of Pub. L. 97-98, set out as a note under section 4301 of this title.

§ 3323. Repealed. Pub. L. 105-185, title III, § 302(a), June 23, 1998, 112 Stat. 563

Section, Pub. L. 95-113, title XIV, § 1476, as added Pub. L. 101-624, title XVI, § 1614(b)(1), Nov. 28, 1990, 104 Stat. 3728; amended Pub. L. 104-127, title VIII, § 820(c), Apr. 4, 1996, 110 Stat. 1168, authorized grants and appropriations for aquaculture research facilities.

A prior section 3323, Pub. L. 95-113, title XIV, § 1476, as added Pub. L. 97-98, title XIV, § 1440(a), Dec. 22, 1981, 95 Stat. 1317, related to establishment, duration, and meetings of Aquaculture Advisory Board, and appointment and compensation of Board members, prior to repeal by Pub. L. 99-198, title XIV, § 1429(b), Dec. 23, 1985, 99 Stat. 1556.

§ 3324. Authorization of appropriations

(a) In general

There are authorized to be appropriated to carry out this subchapter—

(1) \$7,500,000 for each of fiscal years 1991 through 2013; and

(2) \$5,000,000 for each of fiscal years 2014 through 2023.

(b) Prohibition on use

Funds made available under this section may not be used to acquire or construct a building.

(Pub. L. 95–113, title XIV, §1477, as added Pub. L. 97–98, title XIV, §1440(a), Dec. 22, 1981, 95 Stat. 1318; amended Pub. L. 99–198, title XIV, §1429(c), Dec. 23, 1985, 99 Stat. 1556; Pub. L. 101–624, title XVI, §1614(c), Nov. 28, 1990, 104 Stat. 3728; Pub. L. 104–127, title VIII, §820(d), Apr. 4, 1996, 110 Stat. 1168; Pub. L. 105–185, title III, §301(a)(15), June 23, 1998, 112 Stat. 562; Pub. L. 107–171, title VII, §7116, May 13, 2002, 116 Stat. 433; Pub. L. 110–234, title VII, §7140, May 22, 2008, 122 Stat. 1232; Pub. L. 110–246, §4(a), title VII, §7140, June 18, 2008, 122 Stat. 1664, 1993; Pub. L. 113–79, title VII, §7124(b), Feb. 7, 2014, 128 Stat. 876; Pub. L. 115–334, title VII, §7133, Dec. 20, 2018, 132 Stat. 4802.)

CODIFICATION

Pub. L. 110–234 and Pub. L. 110–246 made identical amendments to this section. The amendments by Pub. L. 110–234 were repealed by section 4(a) of Pub. L. 110–246.

AMENDMENTS

2018—Subsec. (a)(2). Pub. L. 115–334 substituted “2023” for “2018”.

2014—Pub. L. 113–79 amended section generally. Prior to amendment, text read as follows: “There is authorized to be appropriated \$7,500,000 for each of the fiscal years 1991 through 2012. Funds appropriated under this section or section 3323 of this title may not be used to acquire or construct a building.”

2008—Pub. L. 110–246, §7140, substituted “2012” for “2007”.

2002—Pub. L. 107–171 substituted “2007” for “2002”.

1998—Pub. L. 105–185 substituted “2002” for “1997”.

1996—Pub. L. 104–127 substituted “1997” for “1995”.

1990—Pub. L. 101–624 substituted “each of the fiscal years 1991 through 1995” for “each fiscal year beginning after the effective date of this subchapter, and ending with the fiscal year ending September 30, 1990” and inserted at end “Funds appropriated under this section or section 3323 of this title may not be used to acquire or construct a building.”

1985—Pub. L. 99–198 in amending section generally, struck out subsec. (a) designation, substituted “fiscal year ending September 30, 1990” for “fiscal year ending September 30, 1985, and not in excess of such sums as may after December 22, 1981, be authorized by law for any subsequent fiscal year”, and struck out subsec. (b) relating to allocation of funds and consultations by Secretary with Board in development of plans for use of funds.

EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110–234 by Pub. L. 110–246 effective May 22, 2008, the date of enactment of Pub. L. 110–234, see section 4 of Pub. L. 110–246, set out as an Effective Date note under section 8701 of this title.

EFFECTIVE DATE

Section effective Dec. 22, 1981, see section 1801 of Pub. L. 97–98, set out as a note under section 4301 of this title.

SUBCHAPTER XII—RANGELAND RESEARCH

§ 3331. Congressional statement of purpose

It is the purpose of this subchapter to promote the general welfare through improved productivity of the Nation’s rangelands, which comprise 60 per centum of the land area of the United States. Most of these rangelands are unsuited for cultivation, but produce a great volume of forage that is inedible by humans but readily converted, through an energy efficient process,

to high quality food protein by grazing animals. These native grazing lands are located throughout the United States and are important resources for major segments of the Nation’s livestock industry. In addition to the many livestock producers directly dependent on rangelands, other segments of agriculture are indirectly dependent on range-fed livestock and on range-produced forage that can be substituted for grain in times of grain scarcity. Recent resource assessments indicate that forage production of rangeland can be increased at least 100 per centum through development and application of improved range management practices while simultaneously enhancing wildlife, watershed, recreational, and aesthetic values and reducing hazards of erosion and flooding.

(Pub. L. 95–113, title XIV, §1478, as added Pub. L. 97–98, title XIV, §1440(a), Dec. 22, 1981, 95 Stat. 1318.)

EFFECTIVE DATE

Section effective Dec. 22, 1981, see section 1801 of Pub. L. 97–98, set out as a note under section 4301 of this title.

§ 3332. Program; development, purposes, scope, etc.

The Secretary may develop and implement a cooperative rangeland research program in coordination with the program carried out under the Renewable Resources Extension Act of 1978 [16 U.S.C. 1671 et seq.], to improve the production and quality of desirable native forages or introduced forages which are managed in a similar manner to native forages for livestock and wildlife. The program shall include studies of: (1) management of rangelands and agricultural land as integrated systems for more efficient utilization of crops and waste products in the production of food and fiber; (2) methods of managing rangeland watersheds to maximize efficient use of water and improve water yield, water quality, and water conservation, to protect against onsite and offsite damage of rangeland resources from floods, erosion, and other detrimental influences, and to remedy unsatisfactory and unstable rangeland conditions; (3) revegetation and rehabilitation of rangelands including the control of undesirable species of plants; and (4) such other matters as the Secretary considers appropriate.

(Pub. L. 95–113, title XIV, §1479, as added Pub. L. 97–98, title XIV, §1440(a), Dec. 22, 1981, 95 Stat. 1318.)

REFERENCES IN TEXT

The Renewable Resources Extension Act of 1978, referred to in text, is Pub. L. 95–306, June 30, 1978, 92 Stat. 349, which is classified generally to subchapter III (§1671 et seq.) of chapter 36 of Title 16, Conservation. For complete classification of this Act to the Code, see Short Title of 1978 Amendments note set out under section 1600 of Title 16 and Tables.

EFFECTIVE DATE

Section effective Dec. 22, 1981, see section 1801 of Pub. L. 97–98, set out as a note under section 4301 of this title.

§ 3333. Rangeland research grants

(a) In general

The Secretary may make grants to—