

paragraph (1) to persons who may have the capacity to substantially contribute to the activities described in that strategic plan.

**(3) Coordination; consultation**

The Secretary shall—

(A) update and coordinate the strategic coordination plan under section 6922(d)(7) of this title with the strategic plan developed under paragraph (1) for activities relating to agriculture and food defense countermeasure development and procurement; and

(B) in developing the strategic plan under paragraph (1), consult with—

(i) the National Agricultural Research, Extension, Education, and Economics Advisory Board established under section 3123(a) of this title;

(ii) the specialty crops committee established under section 3123a(a)(1) of this title;

(iii) relevant agriculture research agencies of the Federal Government;

(iv) the National Academies of Sciences, Engineering, and Medicine;

(v) the National Veterinary Stockpile Intra-Government Advisory Committee for Strategic Steering; and

(vi) other appropriate parties, as determined by the Secretary.

**(d) Funds**

**(1) Establishment**

There is established in the Treasury the Agriculture Advanced Research and Development Fund, which shall be administered by the Secretary, acting through the Director—

(A) for the purpose of carrying out this section; and

(B) in the same manner and subject to the same terms and conditions as are applicable to the Secretary of Defense under section 4021 of title 10.

**(2) Deposits into fund**

**(A) In general**

The Secretary, acting through the Director, may accept and deposit into the Fund monies received pursuant to cost recovery, contribution, or royalty payments under a contract, grant, cooperative agreement, or other transaction under this section.

**(B) Availability of amounts in fund**

Amounts deposited into the fund shall remain available until expended, without further appropriation, and may be used to carry out the purposes of this section.

**(C) Clarification**

Nothing in this paragraph authorizes the use of the funds of the Commodity Credit Corporation to carry out this section.

**(3) Funding**

In addition to funds otherwise deposited in the Fund under paragraph (1) or (2), there is authorized to be appropriated to the Fund \$50,000,000 for each of fiscal years 2019 through 2023, to remain available until expended.

**(e) Termination of effectiveness**

**(1) In general**

Except as provided under paragraph (2), the authority provided by this section terminates

on the date that is 5 years after December 20, 2018.

**(2) Exceptions**

Paragraph (1) shall not apply with respect to—

(A) subsection (b)(7)(B); and

(B) grants awarded or contracts, cooperative agreements, or other transactions entered into before the end of the 5-year period referred to in such clause.<sup>1</sup>

(Pub. L. 95–113, title XIV, §1473H, as added Pub. L. 115–334, title VII, §7132, Dec. 20, 2018, 132 Stat. 4796; Pub. L. 117–81, div. A, title XVII, §1702(l)(1), Dec. 27, 2021, 135 Stat. 2160.)

**Editorial Notes**

REFERENCES IN TEXT

This chapter, referred to in subsec. (b)(6)(B), was in the original “this Act”, and was translated as reading “this title”, meaning title XIV of Pub. L. 95–113, Sept. 29, 1977, 91 Stat. 981, known as the National Agricultural Research, Extension, and Teaching Policy Act of 1977, which is classified principally to this chapter, to reflect the probable intent of Congress. For complete classification of title XIV to the Code, see References in Text note set out under section 3102 of this title and Tables.

AMENDMENTS

2021—Subsec. (b)(6)(A), (d)(1)(B), Pub. L. 117–81 which directed amendment of section 1473H of the National Agriculture Advanced Research, Extension, and Teaching Policy Act of 1977 by substituting “section 4021” for “section 2371” in subssecs. (b)(6)(A) and (d)(1)(B) was executed to this section, to reflect the probable intent of Congress.

SUBCHAPTER XI—AQUACULTURE

**§ 3321. Statement of purpose**

It is the purpose of this subchapter to promote research and extension activities of the institutions hereinafter referred to in section 3322(b) of this title, and to coordinate their efforts as an integral part in the implementation of the National Aquaculture Act of 1980 (16 U.S.C. 2801 et seq.) by encouraging landowners, individuals, and commercial institutions to develop aquaculture production and facilities and sound aquacultural practices that will, through research and technology transfer programs, provide for the increased production and marketing of aquacultural food products.

(Pub. L. 95–113, title XIV, §1474, as added Pub. L. 97–98, title XIV, §1440(a), Dec. 22, 1981, 95 Stat. 1316.)

**Editorial Notes**

REFERENCES IN TEXT

The National Aquaculture Act of 1980, referred to in text, 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.

<sup>1</sup> So in original. Probably should be “such paragraph.”.

**Statutory Notes and Related Subsidiaries**

## 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.

**§ 3322. Assistance programs****(a) Research and extension program**

The Secretary may develop and implement a cooperative research and extension program to encourage the development, management, and production of important aquatic food species within the several States and territories of the United States and to enhance further the safety of food products derived from the aquaculture industry, in accordance with the national aquaculture development plan, and revisions thereto, developed under the National Aquaculture Act of 1980 [16 U.S.C. 2801 et seq.].

**(b) Grants****(1) In general**

Subject to paragraph (3), the Secretary may make competitive grants to entities eligible for grants under paragraph (2) for research and extension to facilitate or expand promising advances in the production and marketing of aquacultural food species and products and to enhance the safety and wholesomeness of those species and products, including the development of reliable supplies of seed stock and therapeutic compounds.

**(2) Eligible entities**

The Secretary may make a competitive grant under paragraph (1) to—

- (A) a land-grant or seagrant college or university;
- (B) a State agricultural experiment station;
- (C) a college, university, or Federal laboratory having a demonstrable capacity to conduct aquacultural research, as determined by the Secretary; or
- (D) a nonprofit private research institution.

**(3) Matching state grants****(A) In general**

Except as provided in subparagraph (B), the Secretary shall not make a grant under paragraph (1) unless the State in which the grant recipient is located makes a grant to that recipient in an amount equal to not less than the amount of the grant under paragraph (1) (of which State amount an in-kind contribution shall not exceed 50 percent).

**(B) Federal laboratories**

Subparagraph (A) shall not apply to a grant to a Federal laboratory.

**(c) Aquaculture development plans**

The Secretary may assist States to formulate aquaculture development plans for the enhancement of the production and marketing of aquacultural species and products from such States and may make grants to States on a matching basis, as determined by the Secretary. The aggregate amount of the grants made to any one State under this subsection may not ex-

ceed \$50,000. The plans shall be consistent with the national aquaculture development plan, and revisions thereto, developed under the National Aquaculture Act of 1980 [16 U.S.C. 2801 et seq.].

**(d) Aquacultural centers**

To provide for aquacultural research, development, and demonstration projects having a national or regional application, the Secretary may establish in existing Federal facilities or in cooperation with any of the non-Federal entities specified in subsection (b) up to five aquacultural research, development, and demonstration centers in the United States for the performance of aquacultural research, extension work, and demonstration projects. Funds made available for the operation of such regional centers may be used for the rehabilitation of existing buildings or facilities to house such centers, but may not be used for the construction or acquisition of new buildings or facilities. To the extent practicable, the aquaculture research, development, and demonstration centers established under this subsection shall be geographically located so that they are representative of the regional aquaculture opportunities in the United States. 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.

**(e) Listing of laws on aquaculture**

The interagency aquaculture coordinating group established under section 6(a) of the National Aquaculture Act of 1980 (16 U.S.C. 2805(a)) shall, in consultation with appropriate Federal and State agencies, compile a listing of Federal and State laws, rules, and regulations materially affecting the production, processing, marketing, and transportation of aquaculturally produced commodities and the products thereof. The interagency aquaculture coordinating group shall make such listing available to the public not later than January 1, 1992, and shall update and revise such listing not later than January 1, 1996, to show such laws, rules, and regulations as in effect on that date.

**(f) Fish disease program**

The Secretary shall implement, in consultation with the Joint Subcommittee on Aquaculture referred to in section 6 of the National Aquaculture Act of 1980 (16 U.S.C. 2805), a fish disease program to include the development of new diagnostic procedures for fish diseases, the 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.)