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COMMITTEE REPORT

HOUSE

5/5
Rules

FURTHER:

(11)

4/16/82

Date: 5-4-82

Mr. Speaker:

The Committee on Finance has had SR 772

"An Act making a special appropriation to the Department of Natural Resources for construction of a plant quarantine station at the plant materials center (AS 03.22) operated in cooperation with the Institute of Agricultural Sciences; and providing for an effective date."

under consideration and reports it back as follows:

- do pass do not pass
- do pass with attached amendments(s)
- replace with CS for _____ same title
 new title
- and recommends _____
- AND attaches a "Letter of Intent" New Fiscal Note
- reports it back without recommendation
- referred to the _____ Committee

MEMBERS SIGNING
DO PASS

Hansen

R.B. Whitworth

David [unclear]

John [unclear]

John [unclear]

Jan [unclear]

MEMBERS HAVING
OTHER RECOMMENDATIONS:

McKens No Rec

John [unclear] Rec

William [unclear] - NO Rec

Montgomery [unclear]

[Signature]

CHAIRMAN

COMMITTEE REPORT

4/16

HOUSE

FURTHER: Finance

(7)

4/7/82

Date: April 15, 1982

Mr. Speaker:

The Committee on Resources has had SB 772

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[] replace with CS for [] new title
and recommends
[] AND attaches a "Letter of Intent" [] New Fiscal Note
[] reports it back without individual recommendation
[] referred to the Committee

MEMBERS SIGNING DO PASS

MEMBERS HAVING OTHER RECOMMENDATIONS:

Handwritten signatures of committee members who support the bill.

Handwritten signatures of committee members with other recommendations.

Signature of the Chairman, Ken Penning.

COMMITTEE REPORT

HOUSE

3/5
Rules

FURTHER:

5/11 from Rules
Ret to Finance

(11)

4/16/82

Date:

5-4-82

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[] reports it back without

[] referred to the _____ Committee

5/11 from Rules
Ret to Finance

MEMBERS SIGNING
DO PASS

MEMBERS HAVING
OTHER RECOMMENDATIONS:

Hansen
R.B. Whitworth
Frank [unclear]
John [unclear]
John [unclear]
Sam [unclear]

Wheeler No Rec
John [unclear] No Rec
William [unclear] No Rec
Montgomery No Rec

[Signature]
CHAIRMAN

COMMITTEE REPORT

4/16

HOUSE

FURTHER: Finance

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[] AND attaches a "Letter of Intent" [] New Fiscal Note
[] reports it back without individual recommendation
[] referred to the Committee

MEMBERS SIGNING DO PASS

Handwritten signatures of Bill Sutchette and Peter Loney under the 'DO PASS' section.

MEMBERS HAVING OTHER RECOMMENDATIONS:

Handwritten signatures and notes (No Rec.) under the 'OTHER RECOMMENDATIONS' section.

Handwritten signature of Ken Penning, Co-CHAIRMAN.

AMENDED TITLE:

MAKING A SPEC APPROPRIATION TO THE DEPT OF NATURAL RESOURCES
 FOR CONSTRUCTION OF A PLANT QUARANTINE STATION AT
 THE PLANT MATERIALS CNTR(AS 03.22)OPERATED IN COOPERATION
 WITH THE INSTITUTE OF AGRICULTURAL SCIENCES; ED

GENERAL DOLLARS: \$400,000 (APPROP)

PRIME SPONSOR: KERTTULA.

OTHER DOLLARS: \$0

CO-SPONSORS: BRADLEY.

CURRENT STATUS: 4/16/82 IN (H) FINANCE

SB 772 SENATE ACTION

DATE	SEQ	PAGE	LEGISLATIVE ACTION
02/16/82	01	0299	FIRST READING -- COMMITTEE REPORTS
03/29/82	02	0710	RES -- DP05, NR02
04/06/82	03	0803	FIN -- DP05, NR02
04/06/82	04	0803	FISCAL NOTE EQUALS ZERO
04/07/82	05	0823	RLS -- OTHER03 TAKEN UP IMMEDIATELY
04/07/82	06	0825	SECOND READING
04/07/82	07	0825	ADVANCED TO 3RD READING BY UNAN CONSENT
04/07/82	08	0825	THIRD READING
04/07/82	09	0825	PASSED BY DIV 18-00-02
04/07/82	10	0826	EFFECTIVE DATE VOTE SAME AS PASSAGE
****	**	**	*** *** **

SB 772 HOUSE ACTION

DATE	SEQ	PAGE	LEGISLATIVE ACTION
04/07/82	11	1172	FIRST READING -- COMMITTEE REPORTS
04/16/82	12	1311	RES -- DP02, NR02 FINANCE

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
AGRICULTURE/PLANT MATERIALS CENTER

DATE: May 3, 1982

TO: Domonic Carney
Director of Agriculture

FILE NO:

TELEPHONE NO: 745-4469

FROM: Robert H. Parkerson,
Director of Plant Materials

SUBJECT: Trip Report: Meeting
W/Dr. Foster; visit to IR-2 Proj.,
Prosser, WA, and Saanichton Quar.
& Research Center.

MAY 8 1982

Sig Restad, Deputy Director of the Alaska Agricultural Experiment Station accompanied me on this trip. At Sidney, B.C. we were hosted by Ray Johnson, Section Head, and Dan Thompson, Assistant of the Plant Quarantine Section. Dr Joe Foster, of APHIS at Glendale, MD. joined us for our visit to Saanichton. During the morning of April 20 we had a meeting with Ray and Dan to discuss the role which the Saanichton Quarantine Section may play, in importing material to Alaska and operation of an Alaska Plant Quarantine Station. They are:

1. Direct importation from the station of prohibited or restricted material which has been cleansed and is certified to be virus free.
2. Limited virus indexing (virus testing) of restricted or prohibited material which has been imported to Alaska from other northern latitude sources (Scandinavian). This will take up to two years for the tests.
3. If a cooperative effort is established between Alaska and a Canadian researcher, in which Alaska secured material from other northern countries for use by the Canadian researcher and Alaska, then the Saanichton Station would process the material in the normal manner. In this case virus free material would be made available for Alaska.

At present there is no provision for the Saanichton Facility to accept contracts or grants to process material that is submitted by agencies outside their present responsibility. Their staff is now quite limited but they anticipate the authorization of four new positions, one of which will be professional. After the meeting we toured the facility. In addition to learning about their operation, it provided a "scale" for use in planning an Alaskan facility.

On the afternoon of the 20th we continued our tour, and ended it with a visit to a tissue culture laboratory. In addition to my interest because of present work at the PMC in tissue culture, it was valuable because of its potential to make large quantities of newly imported (and cleaned) material available for trials and distribution. Research there in tissue culture is progressing into the use of virus inhibiting compounds in tissue culture--to cleanse material of virus contamination.

On the morning of April 21, we met with Dr. R.E. Harris, who established the tissue culture lab which we visited, but who is retired. Dr. Harris was interested to hear of Cathy Penny's work in tissue

Mr. Domonic Carney

2

May 3, 1982

culture and expressed interest in providing assistance to her in her work.

On the afternoon of the 21st we traveled to Prosser, Washington to visit the IR-2 Project, but did not have an opportunity to visit the Project until the morning of the 22nd. The IR-2 Project is one of the programs of the Washington State University Research and Extension Center, which is comparable to the Ag Experiment Station. The Project is directed towards removing virus contamination from introduced fruit species for the Washington fruit producing industry. The method, most simply described, involves growing the suspect plant under extremely high (96°F or higher) temperatures so that the virus can not invade the new plant growth. The new growth is then excised and grafted on to virus free root stock--so that theoretically a virus free plant results. In practice the heat treatment is not 100% effective, so that virus indexing, to detect latent virus must be conducted for two years.

Mr. Fred Bottorff, who is Dr. Paul Fridlund's (the project leader) assistant, and who has worked on the Project for many years, showed us the facility. He described the physical process: receiving new material, through heat treatment, and maintenance of virus free "mother plants." Although Mr. Bottorff, was reluctant to commit the Project program to serve Alaskan interests, he did indicate that the Project may do work for "outside" interests. Dr. Fridlund will be contacted to discuss details of work which the Project may undertake in support of an Alaskan facility.

During the afternoon of the 22nd we returned to Pasco, Washington in preparation to return to Alaska on the 23rd. When we returned to Pasco we visited the Pasco Farm Center, Inc., and another implement dealer to look at and discuss farm equipment which may have application to Alaskan agriculture.

An Overview: Conclusions and Recommendations

The physical processes of importation, heat treatment indexing, and release for a single genera (i.e., *Malus* apple) at the facilities which were visited were not complicated. As with other things, the case may be more challenging in Alaska because of the State's climate and the necessity for maintaining material over winter. Another factor which will affect an Alaskan quarantine facility is that viruses which show symptoms on fruit will be difficult to detect in Alaska since the fruit varieties which are used as indicators for these

Mr. Domonic Carney

3

May 3, 1982

viruses, are not likely to survive, much less mature and produce fruit in the Alaskan environment. This indexing will, of necessity, be conducted at other facilities.

Facilities needed for an Alaska Quarantine Facility will be: a plant receiving area, fumigation chamber (separate building), a heat-treat room, three screen houses (one each for uncleaned plant material, for freshly heat treated material and one for the maintenance of cleaned "mother plants") and a greenhouse for virus indexing.

Discussions with Dr. Joe Foster, revealed that he feels that arrangements could be made so that a federally sanctioned center could be operated in Alaska. He stressed that it is important for us to realize that in spite of our isolation, we are in the U.S. and that APHIS will require as stringent enforcement of import requirements as anywhere else in the country. He felt that with APHIS approval, prohibited species could be imported directly to Alaska to be placed in a screen house. Here they could remain in quarantine until, they were cleaned and shown to be virus free through heat treating and virus indexing.

It was the opinion of all concerned that a plant pathologist with strong training in virology is very desirable for the operation of the center. The Saanichton Center recently experienced a personnel shakeup and after a year's operation, requires considerable help from experienced virologists. The technique of "reading" virus symptoms requires a trained and experienced eye. A person with virus training will also be of great value to the proposed "seed potato" project.

Though of no relation to the quarantine operation, it was interesting to note that recently the Province of British Columbia had placed a ban, for 30 years, on the planting of potatoes within a limited area of Vancouver Island. This is an effort to combat the infestation of golden nematodes there. This action reflects serious nature of the nematode problem, and is expected to cause hardship for the farmers of an area which once was known for its seed potatoes.

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

I. REQUEST
 Bill/Resolution No. SB 772
 Title Plant quarantine station at Institute of Agricultural Sciences
 Requested by _____ Date April 6, 1982

II. FISCAL DETAIL
 Agency Affected Department of Natural Resources
 Program Category Affected _____
 BRU, Program, Or Subprogram(s) Affected _____
 (Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
100 PERSONAL SERVICES		0				
200 TRAVEL		0				
300 CONTRACTUAL		0				
400 COMMODITIES		0				
500 EQUIPMENT		0				
600 LAND & STRUCTURES		0				
700 GRANTS, CLAIMS, ETC.		0				
TOTAL		0				


FUNDING (Thousands of Dollars)

GENERAL FUND		0				
FEDERAL FUNDS		0				
OTHER (Specify Source)		0				

POSITIONS

FULL TIME		0				
PART TIME		0				
TEMPORARY		0				

III. ANALYSIS (See Fiscal Note Preparation Instruction, Section III)

IV. DATE _____ PREPARED BY 
 AGENCY Senate Finance Committee
 Original: Legislative Finance PHONE 465-3714
 cc: Budget and Management
 Prime Sponsor (First Legislator Named)
 33-001 (Rev. 12/81)

SB 772 TITLE & SPONSOR SUMMARY

13:53 5/15/82 PAGE 1 OF 3

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OTHER DOLLARS: \$0

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CURRENT STATUS: 5/14/82 IN (H) RULES

SB 772 SENATE ACTION

13:53 5/15/82 PAGE 2 OF 3

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02/16/82	01	0299	FIRST READING --- COMMITTEE REPORTS
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SB 772 HOUSE ACTION

13:53 5/15/82 PAGE 3 OF 3

DATE	SEQ	PAGE	LEGISLATIVE ACTION
04/07/82	11	1172	FIRST READING --- COMMITTEE REPORTS
04/16/82	12	1311	RES --- DP02, NR02
05/05/82	13	1654	FIN --- DP06, NR04
05/11/82	14	1790	MOVED FROM RLS TO FIN BY UNAN CONSENT
05/14/82	15	1853	MOVED FROM FIN TO RLS BY UNAN CONSENT RULES RULES

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THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

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PART TIME		0				
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IV. DATE _____

PREPARED BY 

AGENCY Senate Finance Committee

Original: Legislative Finance

PHONE 465-3714

cc: Budget and Management

Prime Sponsor (First Legislator Named)

33-001 (Rev. 12/81)