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MAR 17 1989

HOUSE FILE 656

BY COMMITTEE ON AGRICULTURE

Place On Calendar  
En. Environment + Energy Utilities

(SUCCESSOR TO HSB 206)

Passed House, Date 3-22-89 (p.950) Passed Senate, Date 4/07/90 (p.1697)

Vote: Ayes 92 Nays 3 Vote: Ayes 48 Nays 0

Approved May 2, 1990

Motion to reconsider - withdrawn 3-31-89 (p.1176)  
3-22-89 (p.962)

**A BILL FOR**

1 An Act relating to reducing pollution by products purchased by  
2 the state, and by setting requirements for procurement by the  
3 department of general services, the state board of regents,  
4 the state department of transportation, and the commission for  
5 the blind.

6 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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HF 656

*301 amendment*

1 Section 1. Section 18.18, subsection 1, Code 1989, is  
2 amended to read as follows:

35433 1. ~~When purchasing paper products, the department of~~  
4 ~~general services shall, whenever the price is reasonably~~  
5 ~~competitive and the quality intended, purchase the recycled~~  
6 ~~product. The~~ According to the schedule established in this  
7 subsection, the department of general services shall also  
8 ~~purchase, whenever the price is reasonably competitive and the~~  
9 ~~quality intended, and in keeping with the schedule established~~  
10 ~~in this subsection, soybean-based~~ or refrain from purchasing  
11 paper, inks, and starch-based plastics, including but not  
12 limited to starch-based plastic products, and plastic garbage  
13 can liners.

14 a. By July 1, 1989, a minimum of fifty percent of the  
15 purchases of inks which are used for newsprint printing  
16 services performed internally or contracted for by the  
17 department of general services shall be soybean-based. The  
18 percentage of purchases by the department of soybean-based  
19 inks used for newsprint printing services shall increase by  
20 July 1, 1990, to one hundred percent of the total purchases of  
21 inks used for newsprint printing services.

22 b. By July 1, 1989, a minimum of fifteen percent of the  
23 purchases of garbage can liners made by the department of  
24 general services shall be starch-based plastic garbage can  
25 liners. ~~The percentage purchased shall increase by five~~  
26 ~~percent annually until fifty percent of the purchases of~~  
27 ~~garbage can liners are purchases of starch-based plastic~~  
28 ~~garbage can liners. The percentage of purchases by the~~  
29 department of starch-based plastic garbage can liners shall  
30 increase by July 1, 1990, to one hundred percent of the total  
31 purchases of plastic garbage can liners.

32 c. The department of general services shall report to the  
33 general assembly on ~~January~~ February 1 of each year the  
34 plastic following:

35 (1) Plastic products which are regularly purchased by the

1 department of general services and other state agencies for  
 2 which starch-based product alternatives are available. The  
 3 report shall also include the cost of the plastic products  
 4 purchased and the cost of the starch-based product  
 5 alternatives.

6 (2) Information relating to soybean-based inks and starch-  
 7 based garbage can liners regularly purchased by the department  
 8 and other state agencies. The report shall include the cost  
 9 of purchasing soybean-based inks and starch-based garbage can  
 10 liners, the percentage of inks purchased which are soybean-  
 11 based and the percentage of liners purchased which are starch-  
 12 based, and methods of disposing of the inks and liners.

3543-13 Sec. 2. Section 18.18, Code 1989, is amended by adding the  
 14 following new subsection:

15 NEW SUBSECTION. 7. As used in this section, "plastic  
 16 product" means a product containing plastic equal to at least  
 17 fifty percent of the weight of the product.

18 Sec. 3. Section 262.9, subsection 4, Code 1989, is amended  
 19 to read as follows:

3543-20 4. Manage and control the property, both real and  
 21 personal, belonging to the institutions. ~~The board shall~~  
 22 ~~purchase or require the purchase of, whenever the price is~~  
 23 ~~reasonably competitive and the quality intended, and in~~  
 24 ~~keeping with~~ According to the schedule established in this  
 25 subsection, ~~soybean-based~~ the board shall purchase or refrain  
 26 from purchasing paper, inks, and starch-based plastics,  
 27 ~~including but not limited to starch-based plastic products,~~  
 28 and plastic garbage can liners.

29 a. By July 1, 1989, a minimum of fifty percent of the  
 30 purchases of inks which are used for newsprint paper for  
 31 printing services performed internally or contracted for by  
 32 the board shall be soybean-based. The percentage of purchases  
 33 by the board of soybean-based inks used for newsprint printing  
 34 services shall increase by July 1, 1990, to one hundred  
 35 percent of the total purchases of inks used for newsprint

1 printing services.

2 b. By July 1, 1989, a minimum of fifteen percent of the  
3 purchases of garbage can liners made by the board shall be  
4 starch-based plastic garbage can liners. ~~The percentage~~  
5 ~~purchased shall increase by five percent annually until fifty~~  
6 ~~percent of the purchases of garbage can liners are purchases~~  
7 ~~of starch-based plastic garbage can liners.~~ The percentage  
8 of purchases by the board of starch-based plastic garbage can  
9 liners shall increase by July 1, 1990, to one hundred percent  
10 of the total purchases of starch-based plastic garbage can  
11 liners.

12 c. The board shall report to the ~~general assembly on~~  
13 department of general services by January 1 of each year, the  
14 plastic following:

15 (1) Plastic products which are regularly purchased by the  
16 board for which starch-based product alternatives are  
17 available. The report shall also include the cost of the  
18 plastic products purchased and the cost of the starch-based  
19 product alternatives.

20 (2) Information relating to soybean-based inks and starch-  
21 based garbage can liners regularly purchased by the board.  
22 The report shall include the cost of purchasing soybean-based  
23 inks and starch-based garbage can liners, the percentage of  
24 inks purchased which are soybean-based and the percentage of  
25 liners purchased which are starch-based, and methods of  
26 disposing of the inks and liners.

27 Sec. 4. Section 262.9, subsection 4, Code 1989, is amended  
28 by adding the following new paragraphs:

34B 29 NEW PARAGRAPH. d. The department of general services, in  
30 conjunction with the department of natural resources, shall  
31 review the procurement specifications currently used by the  
32 board to eliminate, wherever possible, discrimination against  
33 the procurement of products manufactured with recovered  
34 materials, starch-based plastics, and soybean-based inks.

34B 35 NEW PARAGRAPH. e. The department of natural resources

1 shall assist the board in locating suppliers of recycled  
2 products, starch-based plastics, and soybean-based inks and  
3 collecting data on recycled content, starch-based plastic, and  
4 soybean-based ink purchases.

543-5 NEW PARAGRAPH. f. Information on recycled content shall  
6 be requested on all bids for paper products issued by the  
7 board and on other bids for products which could have recycled  
8 content such as oil, plastic products, including but not  
9 limited to starch-based plastic products, compost materials,  
10 aggregate, solvents, soybean-based inks, and rubber products.

11 NEW PARAGRAPH. g. The board, in conjunction with the  
12 department of natural resources, shall adopt rules to carry  
13 out the provisions of this section.

14 NEW PARAGRAPH. h. The department of general services and  
15 the department of natural resources shall cooperate with the  
16 board in all phases of implementing this section.

354-17 NEW PARAGRAPH. i. As used in this section "plastic  
18 product" means a product containing plastic equal to at least  
19 fifty percent of the weight of the product.

20 Sec. 5. Section 307.21, subsection 4, Code 1989, is  
21 amended to read as follows:

354-22 4. a. Provide centralized purchasing services for the  
23 department, in co-operation with the department of general  
24 services. The administrator shall, ~~whenever-the-price-is~~  
25 ~~reasonably-competitive-and-the-quality-intended,~~ purchase  
26 soybean-based or refrain from purchasing paper, inks, and  
27 starch-based plastics, including but not limited to starch-  
28 based plastic products, and plastic garbage can liners, and  
29 ~~shall-purchase-these-items~~ in accordance with the schedule  
30 established in section 18.18.

31 b. The department shall report to the department of  
32 general services by January 1 of each year, the following:

33 (1) Plastic products which are regularly purchased by the  
34 board for which starch-based product alternatives are  
35 available. The report shall also include the cost of the

1 plastic products purchased and the cost of the starch-based  
2 product alternatives.

3 (2) Information relating to soybean-based inks and starch-  
4 based garbage can liners regularly purchased by the  
5 department. The report shall include the cost of purchasing  
6 soybean-based inks and starch-based garbage can liners, the  
7 percentage of inks purchased which are soybean-based and the  
8 percentage of liners purchased which are starch-based, and  
9 methods of disposing of the inks and liners.

10 Sec. 6. Section 601L.3, subsection 12, Code 1989, is  
11 amended to read as follows:

12 ~~12. Whenever the price is reasonably competitive and the~~  
13 ~~quality intended, and in keeping with Manage and control the~~  
14 ~~property, both real and personal, belonging to the department.~~  
15 The commission shall, according to the schedule established in  
16 this subsection, purchase soybean-based or refrain from

3548 17 purchasing paper, inks, and starch-based plastics, including  
18 but not limited to starch-based garbage can liners.

19 a. By July 1, 1989, a minimum of fifty percent of the  
20 purchases of inks which are used for newsprint paper for  
21 printing services performed internally or contracted for by  
22 the commission shall be soybean-based. The percentage of  
23 purchases by the commission of soybean-based inks used for  
24 newsprint printing services shall increase by July 1, 1990, to  
25 one hundred percent of the total purchases of inks used for  
26 newsprint printing services.

27 b. By July 1, 1989, a minimum of fifteen percent of the  
28 purchases of garbage can liners made by the commission shall  
29 be starch-based plastic garbage can liners. ~~The percentage~~  
30 ~~purchased shall increase by five percent annually until fifty~~  
31 ~~percent of the purchases of garbage can liners are purchases~~  
32 ~~of starch-based plastic garbage can liners.~~ The percentage of  
33 purchases by the commission of starch-based plastic garbage  
34 can liners shall increase by July 1, 1991, to one hundred  
35 percent of the total purchases of plastic garbage can liners.

1 c. The commission shall report to the general-assembly  
2 department of general services on January 1 of each year, the  
3 plastic following:

4 (1) Plastic products which are regularly purchased by the  
5 commission for which starch-based product alternatives are  
6 available. The report shall also include the cost of the  
7 plastic products purchased and the cost of the starch-based  
8 product alternatives.

9 (2) Information relating to soybean-based inks and starch-  
10 based garbage can liners regularly purchased by the  
11 commission. The report shall include the cost of purchasing  
12 soybean-based inks and starch-based garbage can liners, the  
13 percentage of inks purchased which are soybean-based and the  
14 percentage of liners purchased which are starch-based, and  
15 methods of disposing of the inks and liners.

16 Sec. 7. Section 601L.3, subsection 12, Code 1989, is  
17 amended by adding the following new paragraphs:

18 NEW PARAGRAPH. d. The department of general services, in  
19 conjunction with the department of natural resources, shall  
20 review the procurement specifications currently used by the  
21 commission to eliminate, wherever possible, discrimination  
22 against the procurement of products manufactured with  
3543 23 recovered materials, starch-based plastics, and soybean-based  
24 inks.

3543 25 NEW PARAGRAPH. e. The department of natural resources  
26 shall assist the commission in locating suppliers of recycled  
27 products, starch-based plastics, and soybean-based inks and  
28 collecting data on recycled content, starch-based plastic, and  
29 soybean-based ink purchases.

30 NEW PARAGRAPH. f. Information on recycled content shall  
31 be requested on all bids for paper products issued by the  
32 commission and on other bids for products which could have  
33 recycled content such as oil, plastic products, including but  
34 not limited to starch-based plastic products, compost  
35 materials, aggregate, solvents, soybean-based inks, and rubber

1 products.

2 NEW PARAGRAPH. g. The commission, in conjunction with the  
3 department of natural resources, shall adopt rules to carry  
4 out the provisions of this section.

5 NEW PARAGRAPH. h. The department of general services and  
6 the department of natural resources shall cooperate with the  
7 commission in all phases of implementing this section.

3543-8 NEW PARAGRAPH. i. As used in this section "plastic  
9 product" means a product containing plastic equal to at least  
10 fifty percent of the weight of the product.

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EXPLANATION

12 This bill requires that purchases by the department of  
13 general services, the state department of transportation, the  
14 state board of regents, and the commission for the blind of  
15 soybean-based inks used for newsprinting services and of  
16 starch-based garbage can liners shall increase by July 1,  
17 1990, to one hundred percent of the total purchases of inks  
18 used for newsprinting services and garbage can liners. The  
19 bill also provides for review of procurement practices by the  
20 department of general services and the department of natural  
21 resources. The department of natural resources is required to  
22 assist the agencies in locating suppliers of and collecting  
23 data. The department of general services is required to  
24 report to the general assembly information relating to  
25 recyclable products and starch-based and soybean-based  
26 products purchased by the state.

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## HOUSE FILE 656

H-3601

1 Amend House File 656 as follows:

2 1. By striking everything after the enacting  
3 clause and inserting the following:

4 "Section 1. Section 18.18, subsection 1, Code  
5 1989, is amended to read as follows:

6 1. When purchasing paper products, the department  
7 of general services shall, whenever the price is  
8 reasonably competitive and the quality intended,  
9 purchase the recycled product. The According to the  
10 schedule established in this subsection, the  
11 department of general services shall also purchase,  
12 whenever-the-price-is-reasonably-competitive-and-the  
13 quality-intended, and-in-keeping-with-the-schedule  
14 established-in-this-subsection, soybean-based or  
15 refrain from purchasing paper, inks, and starch-based  
16 plastics, including-but-not-limited-to-starch-based  
17 plastic-garbage-can-liners.

18 a. By July 1, 1989, a minimum of fifty percent of  
19 the purchases of inks which are used for newsprint  
20 printing services performed internally or contracted  
21 for by the department of general services shall be  
22 soybean-based. The percentage of purchases by the  
23 department of soybean-based inks used for newsprint  
24 printing services shall increase by July 1, 1990, to  
25 one hundred percent of the total purchases of inks  
26 used for newsprint printing services.

27 ~~b. By July 1, 1989, a minimum of fifteen percent~~  
28 ~~of the purchases of garbage can liners made by the~~  
29 ~~department of general services shall be starch-based~~  
30 ~~plastic garbage can liners. The percentage purchased~~  
31 ~~shall increase by five percent annually until fifty~~  
32 ~~percent of the purchases of garbage can liners are~~  
33 ~~purchases of starch-based plastic garbage can liners.~~

34 c. b. The department of general services shall  
35 report to the general assembly on ~~January~~ February 1  
36 of each year the ~~plastic~~ following:

37 (1) Plastic products which are regularly purchased  
38 by the department of general services and other state  
39 agencies for which starch-based product alternatives  
40 are available. The report shall also include the cost  
41 of the plastic products purchased and the cost of the  
42 starch-based product alternatives.

43 (2) Information relating to soybean-based inks  
44 regularly purchased by the department and other state  
45 agencies. The report shall include the cost of  
46 purchasing soybean-based inks, the percentage of inks  
47 purchased which are soybean-based, and methods of  
48 disposing of the inks.

49 Sec. 3. Section 262.9, subsection 4, Code 1989, is  
50 amended to read as follows:

H-3601

Page 2

1 4. Manage and control the property, both real and  
2 personal, belonging to the institutions. The board  
3 ~~shall purchase or require the purchase of, whenever~~  
4 ~~the price is reasonably competitive and the quality~~  
5 ~~intended, and in keeping with~~ According to the  
6 schedule established in this subsection, soybean-based  
7 the board shall purchase or refrain from purchasing  
8 inks and starch-based plastics, including but not  
9 limited to starch-based plastic garbage can liners.

10 a. By July 1, 1989, a minimum of fifty percent of  
11 the purchases of inks which are used for newsprint  
12 paper for printing services performed internally or  
13 contracted for by the board shall be soybean-based.  
14 The percentage of purchases by the board of soybean-  
15 based inks used for newsprint printing services shall  
16 increase by July 1, 1990, to one hundred percent of  
17 the total purchases of inks used for newsprint  
18 printing services.

19 b. ~~By July 1, 1989, a minimum of fifteen percent~~  
20 ~~of the purchases of garbage can liners made by the~~  
21 ~~board shall be starch-based plastic garbage can~~  
22 ~~liners. The percentage purchased shall increase by~~  
23 ~~five percent annually until fifty percent of the~~  
24 ~~purchases of garbage can liners are purchases of~~  
25 ~~starch-based plastic garbage can liners.~~

26 c. b. The board shall report to the general  
27 assembly on department of general services by January  
28 1 of each year, the plastic following:

29 (1) Plastic products which are regularly purchased  
30 by the board for which starch-based product  
31 alternatives are available. The report shall also  
32 include the cost of the plastic products purchased and  
33 the cost of the starch-based product alternatives.

34 (2) Information relating to soybean-based inks  
35 regularly purchased by the board. The report shall  
36 include the cost of purchasing soybean-based inks, the  
37 percentage of inks purchased which are soybean-based,  
38 and methods of disposing of the inks.

39 Sec. 4. Section 262.9, subsection 4, Code 1989, is  
40 amended by adding the following new paragraphs:

41 NEW PARAGRAPH. d. The department of general  
42 services, in conjunction with the department of  
43 natural resources, shall review the procurement  
44 specifications currently used by the board to  
45 eliminate, wherever possible, discrimination against  
46 the procurement of products manufactured with starch-  
47 based plastics and soybean-based inks.

48 NEW PARAGRAPH. e. The department of natural  
49 resources shall assist the board in locating suppliers  
50 of starch-based plastics and soybean-based inks and

H-3601

Page 3

1 collecting data on starch-based plastic and soybean-  
2 based ink purchases.

3 NEW PARAGRAPH. g. The board, in conjunction with  
4 the department of natural resources, shall adopt rules  
5 to carry out the provisions of this section.

6 NEW PARAGRAPH. h. The department of general  
7 services and the department of natural resources shall  
8 cooperate with the board in all phases of implementing  
9 this section.

10 Sec. 5. Section 307.21, subsection 4, Code 1989,  
11 is amended to read as follows:

12 4. a. Provide centralized purchasing services for  
13 the department, in co-operation with the department of  
14 general services. The administrator shall, whenever  
15 ~~the price is reasonably competitive and the quality~~  
16 ~~intended,~~ purchase soybean-based or refrain from  
17 ~~purchasing inks and starch-based plastics, including~~  
18 ~~but not limited to starch-based garbage can liners,~~  
19 ~~and shall purchase these items~~ in accordance with the  
20 schedule established in section 18.18.

21 b. The department shall report to the department  
22 of general services by January 1 of each year, the  
23 following:

24 (1) Plastic products which are regularly purchased  
25 by the board for which starch-based product  
26 alternatives are available. The report shall also  
27 include the cost of the plastic products purchased or  
28 the cost of the starch-based product alternatives.

29 (2) Information relating to soybean-based inks and  
30 starch-based garbage can liners regularly purchased by  
31 the department. The report shall include the cost of  
32 purchasing soybean-based inks, the percentage of inks  
33 purchased which are soybean-based, and methods of  
34 disposing of the inks.

35 Sec. 6. Section 601L.3, subsection 12, Code 1989,  
36 is amended to read as follows:

37 ~~12. Whenever the price is reasonably competitive~~  
38 ~~and the quality intended, and in keeping with Manage~~  
39 ~~and control the property, both real and personal,~~  
40 ~~belonging to the department. The commission shall,~~  
41 ~~according to the schedule established in this~~  
42 ~~subsection, purchase soybean-based or refrain from~~  
43 ~~purchasing inks and starch-based plastics, including~~  
44 ~~but not limited to starch-based garbage can liners.~~

45 a. By July 1, 1989, a minimum of fifty percent of  
46 the purchases of inks which are used for newsprint  
47 paper for printing services performed internally or  
48 contracted for by the commission shall be soybean-  
49 based. The percentage of purchases by the commission  
50 of soybean-based inks used for newsprint printing

H-3601

Page 4

1 services shall increase by July 1, 1990, to one  
2 hundred percent of the total purchases of inks used  
3 for newsprint printing services.

4 ~~b. --By July 17, 1989, a minimum of fifteen percent~~  
5 ~~of the purchases of garbage can liners made by the~~  
6 ~~commission shall be starch-based plastic garbage can~~  
7 ~~liners. --The percentage purchased shall increase by~~  
8 ~~five percent annually until fifty percent of the~~  
9 ~~purchases of garbage can liners are purchases of~~  
10 ~~starch-based plastic garbage can liners.~~

11 e b. The commission shall report to the general  
12 assembly department of general services on January 1  
13 of each year, the plastic following:

14 (1) Plastic products which are regularly purchased  
15 by the commission for which starch-based product  
16 alternatives are available. The report shall also  
17 include the cost of the plastic products purchased and  
18 the cost of the starch-based product alternatives.

19 (2) Information relating to soybean-based inks  
20 regularly purchased by the commission. The report  
21 shall include the cost of purchasing soybean-based  
22 inks, the percentage of inks purchased which are  
23 soybean-based, and methods of disposing of the inks.

24 Sec. 7. Section 601L.3, subsection 12, Code 1989,  
25 is amended by adding the following new paragraphs:

26 NEW PARAGRAPH. d. The department of general  
27 services, in conjunction with the department of  
28 natural resources, shall review the procurement  
29 specifications currently used by the commission to  
30 eliminate, wherever possible, discrimination against  
31 the procurement of products manufactured with starch-  
32 based plastics and soybean-based inks.

33 NEW PARAGRAPH. e. The department of natural  
34 resources shall assist the commission in locating  
35 suppliers of starch-based plastics and soybean-based  
36 inks, and collecting data on recycled content, starch-  
37 based plastic, and soybean-based ink purchases.

38 NEW PARAGRAPH. f. The commission, in conjunction  
39 with the department of natural resources, shall adopt  
40 rules to carry out the provisions of this section.

41 NEW PARAGRAPH. g. The department of general  
42 services and the department of natural resources shall  
43 cooperate with the commission in all phases of  
44 implementing this section.

45 Sec. 8. If there is a conflict between any  
46 provision of this Act, as enacted, and 1989 Iowa Acts,  
47 House File 476 or Senate File 487, as enacted, the  
48 provision contained in 1989 Iowa Acts, House File 476  
49 or Senate File 487, shall control."

By MILLER of Cherokee

H-3601 FILED MARCH 23, 1989

## HOUSE FILE 656

H-3543

- 1 Amend House File 656 as follows:
- 2 1. Page 1, by striking lines 3 through 6, and  
3 inserting the following:  
4 "1. When purchasing paper products, the department  
5 of general services shall, whenever the price is  
6 reasonably competitive and the quality intended,  
7 purchase the recycled product. ~~The~~ According to the  
8 schedule established in this".
- 9 2. Page 1, line 12, by striking the words  
10 "plastic products".
- 11 3. Page 2, by striking lines 13 through 17.
- 12 4. Page 2, line 26, by striking the words "paper,  
13 inks," and inserting the following: "inks".
- 14 5. Page 2, line 27, by striking the words  
15 "plastic products," and inserting the following:  
16 "plastic".
- 17 6. Page 3, lines 33 and 34, by striking the words  
18 "recovered materials, starch-based plastics," and  
19 inserting the following: "starch-based plastics".
- 20 7. Page 4, lines 1 and 2, by striking the words  
21 "recycled products, starch-based plastics," and  
22 inserting the following: "starch-based plastics".
- 23 8. Page 4, line 3, by striking the words  
24 "recycled content, starch-based plastic," and  
25 inserting the following: "starch-based plastic".
- 26 9. Page 4, by striking lines 5 through 10.
- 27 10. Page 4, by striking lines 17 through 19.
- 28 11. Page 4, line 26, by striking the words  
29 "paper, inks," and inserting the following: "inks".
- 30 12. Page 4, line 28, by striking the words  
31 "plastic products,".
- 32 13. Page 4, line 28, by striking the words  
33 "liners, and" and inserting the following: "liners".
- 34 14. Page 5, line 17, by striking the words  
35 "paper, inks, and" and inserting the following: "inks  
36 and".
- 37 15. Page 6, line 23, by striking the words  
38 "recovered materials, starch-based plastics," and  
39 inserting the following: "starch-based plastics".
- 40 16. Page 6, lines 26 and 27, by striking the  
41 words "recycled products, starch-based plastics," and  
42 inserting the following: "starch-based plastics".
- 43 17. Page 6, line 27, by striking the word "inks"  
44 and inserting the following: "inks,".
- 45 18. By striking page 6, line 30 through page 7,  
46 line 1.
- 47 19. Page 7, by striking lines 8 through 10.
- 48 20. Page 7, by inserting after line 10, the  
49 following:  
50 "Sec. \_\_\_\_ . If there is a conflict between any

H-3543

Page 2

1 provision of this Act, as enacted, and 1989 Iowa Acts,  
2 House File 476 or Senate File 487, as enacted, the  
3 provision contained in 1989 Iowa Acts, House File 476  
4 or Senate File 487, shall control."

5 21. By renumbering as necessary.

By SCHRADER of Marion  
BANKS of Plymouth

H-3543 FILED MARCH 22, 1989

ADOPTED 3-22-89 (p. 950)

Sen. Environment & Energy Utilities  
Amended ROPASS per amend. 3578 (p.1222) 4-6-89  
State Sen. S. P. 3/12/90 (p. 988)

HOUSE FILE 656  
BY COMMITTEE ON AGRICULTURE

(SUCCESSOR TO HSB 206)

(As Amended and Passed by the House March 31, 1989)

Re Passed House, <sup>8/18/89</sup> Date 4/7/90 (p. 2304) Passed Senate, Date 4/7/90 (p. 1697)  
Vote: Ayes 93 Nays 0 Vote: Ayes 48 Nays 0  
Approved May 2, 1990

**A BILL FOR**

1 An Act relating to reducing pollution by products purchased by  
2 the state, and by setting requirements for procurement by the  
3 department of general services, the state board of regents,  
4 the state department of transportation, and the commission for  
5 the blind.

6 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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House Amendments \_\_\_\_\_  
Deleted Language \*

55457

1 Section 1. Section 18.18, subsection 1, Code 1989, is  
2 amended to read as follows:

3 1. When purchasing paper products, the department of  
4 general services shall, whenever the price is reasonably  
5 competitive and the quality intended, purchase the recycled  
6 product. ~~The~~ According to the schedule established in this  
7 subsection, the department of general services shall also  
8 purchase~~7-whenver-the-price-is-reasonably-competitive-and-the~~  
9 quality-intended~~7-and-in-keeping-with-the-schedule-established~~  
10 in-this-subsection~~7-soybean-based~~ or refrain from purchasing  
11 paper~~7, inks~~7-and-starch-based-plastics~~7--including-but-not~~  
\*12 limited-to-starch-based and plastic garbage can liners.

13 a. By July 1, 1989, a minimum of fifty percent of the  
14 purchases of inks which are used for newsprint printing  
15 services performed internally or contracted for by the  
16 department of general services shall be soybean-based. The  
17 percentage of purchases by the department of soybean-based  
18 inks used for newsprint printing services shall increase by  
19 July 1, 1990, to one hundred percent of the total purchases of  
20 inks used for newsprint printing services.

21 b. By July 1, 1989, a minimum of fifteen percent of the  
22 purchases of garbage can liners made by the department of  
23 general services shall be starch-based plastic garbage can  
24 liners. ~~The percentage purchased shall increase by five~~  
25 ~~percent annually until fifty percent of the purchases of~~  
26 ~~garbage can liners are purchases of starch-based plastic~~  
27 ~~garbage can liners.~~ The percentage of purchases by the  
28 department of starch-based plastic garbage can liners shall  
29 increase by July 1, 1990, to one hundred percent of the total  
30 purchases of plastic garbage can liners.

31 c. The department of general services shall report to the  
32 general assembly on ~~January~~ February 1 of each year the  
33 plastic following:

34 (1) Plastic products which are regularly purchased by the  
35 department of general services and other state agencies for



1 which starch-based product alternatives are available. The  
2 report shall also include the cost of the plastic products  
3 purchased and the cost of the starch-based product  
4 alternatives.

5 (2) Information relating to soybean-based inks and starch-  
6 based garbage can liners regularly purchased by the department  
7 and other state agencies. The report shall include the cost  
8 of purchasing soybean-based inks and starch-based garbage can  
9 liners, the percentage of inks purchased which are soybean-  
10 based and the percentage of liners purchased which are starch-  
11 based, and methods of disposing of the inks and liners.

\*12 Sec. 2. Section 262.9, subsection 4, Code 1989, is amended  
13 to read as follows:

14 4. Manage and control the property, both real and  
15 personal, belonging to the institutions. ~~The board shall~~  
16 ~~purchase or require the purchase of, whenever the price is~~  
17 ~~reasonably competitive and the quality intended, and in~~  
18 ~~keeping with~~ According to the schedule established in this  
19 subsection, soybean-based the board shall purchase or refrain  
20 from purchasing inks and starch-based plastics, including but  
21 not limited to starch-based plastic and plastic garbage can  
22 liners.

23 a. By July 1, 1989, a minimum of fifty percent of the  
24 purchases of inks which are used for newsprint paper for  
25 printing services performed internally or contracted for by  
26 the board shall be soybean-based. The percentage of purchases  
27 by the board of soybean-based inks used for newsprint printing  
28 services shall increase by July 1, 1990, to one hundred  
29 percent of the total purchases of inks used for newsprint  
30 printing services.

31 b. By July 1, 1989, a minimum of fifteen percent of the  
32 purchases of garbage can liners made by the board shall be  
33 starch-based plastic garbage can liners. ~~The percentage~~  
34 ~~purchased shall increase by five percent annually until fifty~~  
35 ~~percent of the purchases of garbage can liners are purchases~~

1 ~~of-starch-based-plastic-garbage-can-liners-~~ The percentage  
2 of purchases by the board of starch-based plastic garbage can  
3 liners shall increase by July 1, 1990, to one hundred percent  
4 of the total purchases of starch-based plastic garbage can  
5 liners.

6 c. The board shall report to the ~~general-assembly-on~~  
7 department of general services by January 1 of each year, the  
8 plastic following:

9 (1) Plastic products which are regularly purchased by the  
10 board for which starch-based product alternatives are  
11 available. The report shall also include the cost of the  
12 plastic products purchased and the cost of the starch-based  
13 product alternatives.

14 (2) Information relating to soybean-based inks and starch-  
15 based garbage can liners regularly purchased by the board.  
16 The report shall include the cost of purchasing soybean-based  
17 inks and starch-based garbage can liners, the percentage of  
18 inks purchased which are soybean-based and the percentage of  
19 liners purchased which are starch-based, and methods of  
20 disposing of the inks and liners.

21 Sec. 3. Section 262.9, subsection 4, Code 1989, is amended  
22 by adding the following new paragraphs:

23 NEW PARAGRAPH. d. The department of general services, in  
24 conjunction with the department of natural resources, shall  
25 review the procurement specifications currently used by the  
26 board to eliminate, wherever possible, discrimination against  
27 the procurement of products manufactured with starch-based  
28 plastics and soybean-based inks.

29 NEW PARAGRAPH. e. The department of natural resources  
30 shall assist the board in locating suppliers of starch-based  
31 plastics and soybean-based inks and collecting data on starch-  
32 based plastic and soybean-based ink purchases.

\*33 NEW PARAGRAPH. f. The board, in conjunction with the  
34 department of natural resources, shall adopt rules to carry  
35 out the provisions of this section.

1 NEW PARAGRAPH. h. The department of general services and  
 2 the department of natural resources shall cooperate with the  
 3 board in all phases of implementing this section.

4 \* Sec. 4. Section 307.21, subsection 4, Code 1989, is  
 5 amended to read as follows:

6 4. a. Provide centralized purchasing services for the  
 7 department, in co-operation with the department of general  
 8 services. The administrator shall, ~~whenever-the-price-is~~  
 9 ~~reasonably-competitive-and-the-quality-intended,~~ purchase  
 10 ~~soybean-based or refrain from purchasing inks and starch-based~~  
 11 ~~plastics,-including-but-not-limited-to-starch-based and~~  
 12 \* ~~plastic garbage can liners shall-purchase-these-items in~~  
 13 accordance with the schedule established in section 18.18.

14 b. The department shall report to the department of  
 15 general services by January 1 of each year, the following:

16 (1) Plastic products which are regularly purchased by the  
 17 board for which starch-based product alternatives are  
 18 available. The report shall also include the cost of the  
 19 plastic products purchased and the cost of the starch-based  
 20 product alternatives.

21 (2) Information relating to soybean-based inks and starch-  
 22 based garbage can liners regularly purchased by the  
 23 department. The report shall include the cost of purchasing  
 24 soybean-based inks and starch-based garbage can liners, the  
 25 percentage of inks purchased which are soybean-based and the  
 26 percentage of liners purchased which are starch-based, and  
 27 methods of disposing of the inks and liners.

28 \* Sec. 5. Section 601L.3, subsection 12, Code 1989, is  
 29 amended to read as follows:

30 12. ~~Whenever-the-price-is-reasonably-competitive-and-the~~  
 31 ~~quality-intended,-and-in-keeping-with~~ Manage and control the  
 32 property, both real and personal, belonging to the department.  
 33 The commission shall, according to the schedule established in  
 34 this subsection, purchase soybean-based or refrain from  
 35 purchasing inks and starch-based plastics,-including-but-not

1 ~~limited-to-starch-based~~ garbage can liners.

2 a. By July 1, 1989, a minimum of fifty percent of the  
3 purchases of inks which are used for newsprint paper for  
4 printing services performed internally or contracted for by  
5 the commission shall be soybean-based. The percentage of  
6 purchases by the commission of soybean-based inks used for  
7 newsprint printing services shall increase by July 1, 1990, to  
8 one hundred percent of the total purchases of inks used for  
9 newsprint printing services.

10 b. By July 1, 1989, a minimum of fifteen percent of the  
11 purchases of garbage can liners made by the commission shall  
12 be starch-based plastic garbage can liners. ~~The percentage~~  
13 ~~purchased shall increase by five percent annually until fifty~~  
14 ~~percent of the purchases of garbage can liners are purchases~~  
15 ~~of starch-based plastic garbage can liners.~~ The percentage of  
16 purchases by the commission of starch-based plastic garbage  
17 can liners shall increase by July 1, 1991, to one hundred  
18 percent of the total purchases of plastic garbage can liners.

19 c. The commission shall report to the ~~general-assembly~~  
20 department of general services on January 1 of each year, the  
21 plastic following:

22 (1) Plastic products which are regularly purchased by the  
23 commission for which starch-based product alternatives are  
24 available. The report shall also include the cost of the  
25 plastic products purchased and the cost of the starch-based  
26 product alternatives.

27 (2) Information relating to soybean-based inks and starch-  
28 based garbage can liners regularly purchased by the  
29 commission. The report shall include the cost of purchasing  
30 soybean-based inks and starch-based garbage can liners, the  
31 percentage of inks purchased which are soybean-based and the  
32 percentage of liners purchased which are starch-based, and  
33 methods of disposing of the inks and liners.

x 34 Sec. 6. Section 601L.3, subsection 12, Code 1989, is  
35 amended by adding the following new paragraphs:

1 NEW PARAGRAPH. d. The department of general services, in  
2 conjunction with the department of natural resources, shall  
3 review the procurement specifications currently used by the  
4 commission to eliminate, wherever possible, discrimination  
5 against the procurement of products manufactured with starch-  
6 based plastics and soybean-based inks.

7 NEW PARAGRAPH. e. The department of natural resources  
8 shall assist the commission in locating suppliers of starch-  
9 based plastics and soybean-based inks, and collecting data on  
10 recycled content, starch-based plastic, and soybean-based ink  
11 purchases.

\*12 NEW PARAGRAPH. f. The commission, in conjunction with the  
13 department of natural resources, shall adopt rules to carry  
14 out the provisions of this section.

15 NEW PARAGRAPH. g. The department of general services and  
16 the department of natural resources shall cooperate with the  
17 commission in all phases of implementing this section.

\*18 Sec. 7. If there is a conflict between any provision of  
19 this Act, as enacted, and 1989 Iowa Acts, House File 476 or  
20 Senate File 487, as enacted, the provision contained in 1989  
21 Iowa Acts, House File 476 or Senate File 487, shall control.

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HOUSE FILE 656  
FISCAL NOTE

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A fiscal note for House File 656 is hereby submitted pursuant to Joint Rule 17. Data used in developing this fiscal note is available from the Legislative Fiscal Bureau to members of the Legislature upon request.

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House File 656 requires that purchases by the Department of General Services, Department of Transportation, State Board of Regents, and the Commission for the Blind, of soybean-based inks used for newsprinting services and of starch-based garbage can liners shall increase by July 1, 1990, to one hundred percent of the total purchases of inks used for newsprinting services and garbage can liners. It provides for the review of procurement practices by the Department of General Services and the Department of Natural Resources. The Department of Natural Resources is required to assist the agencies in locating suppliers of and collecting data. The Department of General Services is required to report to the General Assembly relating to recyclable products and starch-based and soybean-based products purchased by the State.

Assumptions:

1. Soybean-based inks must be used in 100% of newspaper procurements effective July 1, 1990. The cost of the ink is only slightly higher than petroleum-based inks and does not substantially increase the costs of newsprint jobs.
2. The procurement of starch-based garbage bags from 15% to 100% is effective July 1, 1990. The cost of starch-based bags would increase the cost for central State government by \$14,000 and \$60,000 for both Iowa State University and University of Northern Iowa. (costs were not available for the University of Iowa.)

Fiscal Impact: The fiscal impact of HF 656 is estimated at \$14,000 for central State government and \$60,000 for the Board of Regents institutions.

Source: Department of General Services  
Board of Regents

(LSB 2082HV, SES)

FILED MARCH 23, 1989

BY DENNIS PROUTY, FISCAL DIRECTOR

## HOUSE FILE 656

S-5595

1 Amend House File 656, as amended, passed, and  
2 reprinted by the Senate, as follows:

3 1. Page 1, by inserting before line 1, the  
4 following:

5 "Section 1. NEW SECTION. 2.34 PURCHASE OF  
6 RECYCLED PRODUCTS.

7 It shall be the policy of the general assembly to  
8 procure and purchase recycled products and to recycle  
9 products used in the operation of the general assembly  
10 under the following guidelines:

11 1. "Recycled paper product" means a paper product  
12 containing at least the minimum percentage of waste  
13 paper or post consumer recovered material as  
14 recommended by the United States environmental  
15 protection agency guideline for recovered materials  
16 content in paper products procured by the federal  
17 government in effect as of January 1, 1988.

18 2. Recycled paper products shall include, but are  
19 not limited to the following:

20 a. All grades and types of xerographic or copy  
21 paper.

22 b. Newsprint.

23 c. All grades and types of printing and writing  
24 paper.

25 d. Corrugated boxes and fiberboard boxes.

26 e. Folding boxboard and cartons.

27 f. Stationary, office papers, including but not  
28 limited to memo pads and scratch pads.

29 g. Envelopes.

30 h. Manifold business forms, including computer  
31 paper.

32 i. Toilet tissue, paper towels, facial tissue,  
33 paper napkins, doilies, and industrial wipes.

34 j. Brown papers and coarse papers.

35 3. To the extent permitted by state law,  
36 preference shall be given to purchase of recycled  
37 products provided those products are available through  
38 reasonable, good faith efforts to procure such  
39 products.

40 4. The general assembly shall require the supplier  
41 of any recycled paper product purchased to provide a  
42 letter of assurance from the mill manufacturing such  
43 paper which verifies that the paper products sold to  
44 the general assembly comply with the content standards  
45 of subsection 1.

46 5. With respect to products other than paper  
47 products, the general assembly shall give preference  
48 to purchase of recyclable products and products made  
49 in whole or in part from recycled products whenever  
50 such products can be obtained at prices equal to

S-5595

Page 2

1 nonrecycled or nonrecyclable products.

2 6. The general assembly shall also implement  
3 reasonable means to recycle those products that are  
4 recyclable after their use in legislative operations.

5 7. The legislative council shall implement these  
6 policies for central agencies within the legislative  
7 branch that acquire products serving both houses of  
8 the general assembly, and the presiding officers shall  
9 implement similar policies in each house."

10 2. Page 6, by inserting after line 17, the  
11 following:

12 "Sec. \_\_\_\_\_.

13 Supplies of paper products currently in the general  
14 assembly inventory, or any items on order or  
15 contracted for, may be used until they are exhausted,  
16 and any additional supplies required to complete the  
17 business of the Seventy-third General Assembly where  
18 uniformity of style and format are necessary may be  
19 procured regardless of the products' material content  
20 or recyclability."

21 3. Title page, line 3, by inserting before the  
22 word "department" the following: "general assembly,  
23 the".

24 4. By renumbering as necessary.

By PAUL D. PATE

S-5595 FILED MARCH 20, 1990

w/d 4/7 (p. 1697)



HOUSE FILE 656

S-5587

1 Amend House File 656 as amended, passed, and  
 2 reprinted by the House, as follows:  
 3 1. Page 1, line 1, by inserting after the word  
 4 "Code" the following: "Supplement".  
 5 2. Page 2, line 12, by inserting after the word  
 6 "Code" the following: "Supplement".  
 7 3. Page 3, line 21, by inserting after the word  
 8 "Code" the following: "Supplement".  
 9 4. Page 4, line 4, by inserting after the word  
 10 "Code" the following: "Supplement".  
 11 5. Page 4, by striking lines 6 through 13, and  
 12 inserting the following:

13 "4. a. Provide centralized purchasing services  
 14 for the department, in co-operation with the  
 15 department of general services. The administrator  
 16 shall ~~whenever the price is reasonably competitive~~  
 17 ~~and the quality intended,~~ purchase soybean-based or  
 18 refrain from purchasing inks and starch-based  
 19 plastics, including but not limited to starch-based  
 20 plastic garbage can liners, and shall purchase these  
 21 items in accordance with the schedule established in  
 22 section 18.18.

23 b. The administrator shall ~~also, in conjunction~~  
 24 ~~with recommendations made by the department of natural~~  
 25 ~~resources,~~ purchase do all of the following:

26 (1) Purchase and use recycled printing and writing  
 27 paper in accordance with the schedule established in  
 28 section 18.18, shall establish and in conjunction with  
 29 recommendations made by the department of natural  
 30 resources.

31 (2) Establish a wastepaper recycling program by  
 32 January 1, 1990, in accordance with recommendations  
 33 made by the department of natural resources and the  
 34 requirements of section 18.20, shall comply.

35 (3) Comply with the recycling goal, recycling  
 36 schedule, and ultimate termination of purchase and use  
 37 of polystyrene products for the purpose of storing,  
 38 packaging, or serving food for immediate consumption  
 39 pursuant to section 455D.16, and shall, in accordance  
 40 with section 18.6, require.

41 (4) Require in accordance with section 18.6  
 42 product content statements, the provision of  
 43 information regarding on-site review of waste  
 44 management in product bidding and contract procedures,  
 45 and compliance with requirements regarding procurement  
 46 specifications."

47 6. Page 4, line 14, by striking the letter "b"  
 48 and inserting the following: "c".

49 7. Page 4, line 28, by inserting after the word  
 50 "Code" the following: "Supplement".

Page 2

1 8. Page 5, line 34, by inserting after the word  
 2 "Code" the following: "Supplement".

By C. JOSEPH COLEMAN

HOUSE FILE 656

S-3697

1 Amend the amendment, S-3578, to House File 656, as  
2 amended, passed, and reprinted by the House, as  
3 follows:

4 1. Page 1, lines 7 and 8, by striking the words  
5 "water, air and waste management commission," and  
6 inserting the following: "environmental protection  
7 commission created under section 455A.6."

By AL STURGEON

S-3697 FILED APRIL 13, 1989

HOUSE FILE 656

S-3578

1 Amend House File 656, as amended, passed, and  
2 reprinted by the House, as follows:

3673 1. Page 4, line 13, by inserting after the figure  
4 "18.18." the following: "However, the administrator  
5 need not purchase garbage can liners in accordance  
6 with the schedule if the liners are utilized by a  
7 facility, approved by the water, air and waste  
8 management commission, for recycling."

By COMMITTEE ON ENVIRONMENT AND  
ENERGY UTILITIES  
PAT DELUHERY, Chairperson

S-3578 FILED APRIL 6, 1989

w/e 4/7 (4/16/89)

## HOUSE FILE 656

S-5677

1 Amend House File 656, as amended, passed, and  
2 reprinted by the House, as follows:

3 1. Page 1, line 19, by striking the figure "1990"  
4 and inserting the following: "1991".

5 2. Page 1, by inserting after line 20 the  
6 following:

7 " . By July 1, 1991, a minimum of twenty-five  
8 percent of the purchases of inks, other than inks  
9 which are used for newsprint printing services, and  
10 which are used internally or contracted for by the  
11 department of general services, shall be soybean-based  
12 to the extent formulations for such inks are  
13 available. The percentage of purchases by the  
14 department of the soybean-based inks, to the extent  
15 formulations for such inks are available, shall  
16 increase by July 1, 1992, to fifty percent of the  
17 total purchases of the inks, and shall increase by  
18 July 1, 1993, to one hundred percent of the total  
19 purchases of the inks."

20 3. Page 1, line 29, by striking the figure "1990"  
21 and inserting the following: "1991".

22 4. Page 2, line 28, by striking the figure "1990"  
23 and inserting the following: "1991".

24 5. Page 2, by inserting after line 30 the  
25 following:

26 " . By July 1, 1991, a minimum of twenty-five  
27 percent of the purchases of inks, other than inks  
28 which are used for newsprint printing services, and  
29 which are used internally or contracted for by the  
30 board shall be soybean-based to the extent  
31 formulations for such inks are available. The  
32 percentage of purchases by the board of the soybean-  
33 based inks, to the extent formulations for such inks  
34 are available, shall increase by July 1, 1992, to  
35 fifty percent of the total purchases of the inks, and  
36 shall increase by July 1, 1993, to one hundred percent  
37 of the total purchases of the inks."

38 6. Page 3, line 3, by striking the figure "1990"  
39 and inserting the following: "1991".

40 7. Page 4, by inserting after line 13 the  
41 following:

42 " . By July 1, 1991, a minimum of twenty-five  
43 percent of the purchases of inks, other than inks  
44 which are used for newsprint printing services, and  
45 which are used internally or contracted for by the  
46 department, shall be soybean-based to the extent  
47 formulations for such inks are available. The  
48 percentage of purchases by the department of the  
49 soybean-based inks, to the extent formulations for  
50 such inks are available, shall increase by July 1,

S-5677

Page 2

1 1992, to fifty percent of the total purchases of the  
2 inks, and shall increase by July 1, 1993, to one  
3 hundred percent of the total purchases of the inks."

4 8. Page 5, line 7, by striking the figure "1990"  
5 and inserting the following: "1991".

6 9. Page 5, by inserting after line 18 the  
7 following:

8 "    . By July 1, 1991, a minimum of twenty-five  
9 percent of the purchases of inks, other than inks  
10 which are used for newsprint printing services, and  
11 which are used internally or contracted for by the  
12 commission, shall be soybean-based to the extent  
13 formulations for such inks are available. The  
14 percentage of purchases by the commission of the  
15 soybean-based inks, to the extent formulations for  
16 such inks are available, shall increase by July 1,  
17 1992, to fifty percent of the total purchases of the  
18 inks, and shall increase by July 1, 1993, to one  
19 hundred percent of the total purchases of the inks."

20 10. Page 6, by striking lines 18 through 21.

21 11. By renumbering as necessary.

By C. JOSEPH COLEMAN

S-5677 FILED MARCH 23, 1990

*c/c 4/7 (g. 1697)*

## HOUSE FILE 656

S-5686

1 Amend the amendment, S-5677, to House File 656, as  
2 amended, passed, and reprinted by the House, as  
3 follows:

4 1. Page 1, by inserting after line 2 the  
5 following:

6 "\_\_\_\_\_. Page 1, by striking lines 8 through 12 and  
7 inserting the following: "purchase, whenever the  
8 price is reasonably competitive and the quality  
9 intended, and in keeping with the schedule established  
10 in this subsection, soybean-based inks and starch-  
11 based plastics, including but not limited to starch-  
12 based plastic garbage can liners"."

13 2. Page 1, by striking lines 20 and 21 and  
14 inserting the following:

15 "\_\_\_\_\_. Page 1, by striking lines 24 through 30 and  
16 inserting the following: "liners. The percentage  
17 purchased shall increase by five fifteen percent  
18 annually until fifty one hundred percent of the  
19 purchases of garbage can liners are purchases of  
20 starch-based plastic garbage can liners."

21 \_\_\_\_\_. Page 2, line 11, by striking the words  
22 "based, and methods of disposing of the inks and  
23 liners" and inserting the following: "based".

24 \_\_\_\_\_. Page 2, by striking lines 15 through 22 and  
25 inserting the following: "personal, belonging to the  
26 institutions. The board shall purchase or require the  
27 purchase of, whenever the price is reasonably  
28 competitive and the quality intended, and in keeping  
29 with the schedule established in this subsection,  
30 soybean-based inks and starch-based plastics,  
31 including but not limited to starch-based plastic  
32 garbage can liners.""

33 3. Page 1, by striking lines 38 through 41 and  
34 inserting the following:

35 "\_\_\_\_\_. By striking page 2, line 33 through page 3,  
36 line 5, and inserting the following: "starch-based  
37 plastic garbage can liners. The percentage purchased  
38 shall increase by five fifteen percent annually until  
39 fifty one hundred percent of the purchases of garbage  
40 can liners are purchases of starch-based plastic  
41 garbage can liners."

42 \_\_\_\_\_. Page 3, by striking lines 6 and 7 and  
43 inserting the following:

44 "c. The board shall report to the general assembly  
45 on January February 1 of each year, the".

46 \_\_\_\_\_. Page 3, by striking lines 19 and 20 and  
47 inserting the following: "liners purchased which are  
48 starch-based."

49 \_\_\_\_\_. Page 3, by striking lines 23 and 24 and  
50 inserting the following:

1 "NEW PARAGRAPH. d. The department of natural  
2 resources shall".

3 \_\_\_\_\_. Page 4, by striking lines 1 and 2 and  
4 inserting the following:

5 "NEW PARAGRAPH. h. The department of natural  
6 resources shall cooperate with the".

7 \_\_\_\_\_. Page 4, by striking lines 8 through 13 and  
8 inserting the following: "services. The  
9 administrator shall, whenever the price is reasonably  
10 competitive and the quality intended, purchase  
11 soybean-based inks and starch-based plastics,  
12 including but not limited to starch-based garbage can  
13 liners, and shall purchase these items in accordance  
14 with the schedule established in section 18.18."

15 4. Page 2, by inserting after line 3 the  
16 following:

17 "\_\_\_\_\_. Page 4, by striking lines 14 and 15 and  
18 inserting the following:

19 "b. The department shall report to the general  
20 assembly by February 1 of each year, the following:".

21 \_\_\_\_\_. Page 4, by striking lines 26 and 27 and  
22 inserting the following: "percentage of liners  
23 purchased which are starch-based."

24 \_\_\_\_\_. By striking page 4, line 34 through page 5,  
25 line 1 and inserting the following: "this subsection,  
26 purchase soybean-based inks and starch-based plastics,  
27 including but not limited to starch-based garbage can  
28 liners."

29 5. Page 2, by striking lines 6 and 7 and  
30 inserting the following:

31 "\_\_\_\_\_. Page 5, by striking lines 12 through 18 and  
32 inserting the following: "be starch-based plastic  
33 garbage can liners. The percentage purchased shall  
34 increase by ~~five~~ fifteen percent annually until ~~fifty~~  
35 one hundred percent of the purchases of garbage can  
36 liners are purchases of starch-based plastic garbage  
37 can liners."

38 6. Page 2, by inserting after line 19 the  
39 following:

40 "\_\_\_\_\_. Page 5, by striking lines 19 and 20 and  
41 inserting the following:

42 "c. The commission shall report to the general  
43 assembly on ~~January~~ February 1 of each year, the".

44 \_\_\_\_\_. Page 5, by striking lines 32 and 33 and  
45 inserting the following: "percentage of liners  
46 purchased which are starch-based."

47 \_\_\_\_\_. Page 6, by striking lines 1 and 2 and  
48 inserting the following:

49 "NEW PARAGRAPH. d. The department of natural  
50 resources shall".

1 \_\_\_\_\_. Page 6, by striking lines 15 and 16 and  
2 inserting the following:

3 "NEW PARAGRAPH. g. The department of natural  
4 resources shall cooperate with the".

By C. JOSEPH COLEMAN

## HOUSE FILE 656

S-5840

- 1 Amend House File 656, as amended, passed, and  
2 reprinted by the House, as follows:
- 3 1. Page 1, line 1, by inserting after the word  
4 "Code" the following: "Supplement".
- 5 2. Page 1, by striking lines 6 through 12 and  
6 inserting the following: "product. The department of  
7 general services shall also purchase, whenever the  
8 price is reasonably competitive and the quality  
9 intended, and in keeping with the schedule established  
10 in this subsection, soybean-based inks and starch-  
11 based plastics, including but not limited to starch-  
12 based plastic garbage can liners".
- 13 3. Page 1, line 19, by striking the figure "1990"  
14 and inserting the following: "1991".
- 15 4. Page 1, by inserting before line 21 the  
16 following:  
17 "By July 1, 1991, a minimum of twenty-five  
18 percent of the purchases of inks, other than inks  
19 which are used for newsprint printing services, and  
20 which are used internally or contracted for by the  
21 department of general services, shall be soybean-based  
22 to the extent formulations for such inks are  
23 available. The percentage of purchases by the  
24 department of the soybean-based inks, to the extent  
25 formulations for such inks are available, shall  
26 increase by July 1, 1992, to fifty percent of the  
27 total purchases of the inks, and shall increase by  
28 July 1, 1993, to one hundred percent of the total  
29 purchases of the inks."
- 30 5. Page 1, by striking lines 24 through 30 and  
31 inserting the following: "liners. The percentage  
32 purchased shall increase by five percent annually  
33 until fifty percent of the purchases of garbage can  
34 liners are purchases of starch-based plastic garbage  
35 can liners."
- 36 6. Page 2, line 11, by striking the words "based,  
37 and methods of disposing of the inks and liners" and  
38 inserting the following: "based".
- 39 7. Page 2, line 12, by inserting after the word  
40 "Code" the following: "Supplement".
- 41 8. Page 2, by striking lines 15 through 22 and  
42 inserting the following: "personal, belonging to the  
43 institutions. The board shall purchase or require the  
44 purchase of, whenever the price is reasonably  
45 competitive and the quality intended, and in keeping  
46 with the schedule established in this subsection,  
47 soybean-based inks and starch-based plastics,  
48 including but not limited to starch-based plastic  
49 garbage can liners."
- 50 9. Page 2, line 28, by striking the figure "1990"

S-5840

Page 2

1 and inserting the following: "1991".

2 10. Page 2, by inserting after line 30 the  
3 following:

4 "By July 1, 1991, a minimum of twenty-five  
5 percent of the purchases of inks, other than inks  
6 which are used for newsprint printing services, and  
7 which are used internally or contracted for by the  
8 board shall be soybean-based to the extent  
9 formulations for such inks are available. The  
10 percentage of purchases by the board of the soybean-  
11 based inks, to the extent formulations for such inks  
12 are available, shall increase by July 1, 1992, to  
13 fifty percent of the total purchases of the inks, and  
14 shall increase by July 1, 1993, to one hundred percent  
15 of the total purchases of the inks."

16 11. By striking page 2, line 33 through page 3,  
17 line 5, and inserting the following: "starch-based  
18 plastic garbage can liners. The percentage purchased  
19 shall increase by five percent annually until fifty  
20 percent of the purchases of garbage can liners are  
21 purchases of starch-based plastic garbage can liners."

22 12. Page 3, by striking lines 6 and 7 and  
23 inserting the following:

24 "c. The board shall report to the general assembly  
25 on ~~January~~ February 1 of each year, the".

26 13. Page 3, by striking lines 19 and 20 and  
27 inserting the following: "liners purchased which are  
28 starch-based."

29 14. Page 3, line 21, by inserting after the word  
30 "Code" the following: "Supplement".

31 15. Page 3, by striking lines 23 and 24 and  
32 inserting the following:

33 "NEW PARAGRAPH. d. The department of natural  
34 resources shall".

35 16. Page 4, by striking lines 1 and 2 and  
36 inserting the following:

37 "NEW PARAGRAPH. h. The department of natural  
38 resources shall cooperate with the".

39 17. Page 4, line 4, by inserting after the word  
40 "Code" the following: "Supplement".

41 18. Page 4, by striking lines 6 through 13 and  
42 inserting the following:

43 "4. a. Provide centralized purchasing services  
44 for the department, in co-operation with the  
45 department of general services. The administrator  
46 shall, whenever the price is reasonably competitive  
47 and the quality intended, purchase soybean-based inks  
48 and starch-based plastics, including but not limited  
49 to starch-based garbage can liners, and shall purchase  
50 these items in accordance with the schedule



S-5840

Page 3

1 established in section 18.18. However, the  
 2 administrator need not purchase garbage can liners in  
 3 accordance with the schedule if the liners are  
 4 utilized by a facility approved by the environmental  
 5 protection commission created under section 455A.6,  
 6 for purposes of recycling.

7 b. The administrator shall also, in conjunction  
 8 with recommendations made by the department of natural  
 9 resources, purchase do all of the following:

10 (1) Purchase and use recycled printing and writing  
 11 paper in accordance with the schedule established in  
 12 section 18.18, shall establish and in conjunction with  
 13 recommendations made by the department of natural  
 14 resources.

15 (2) Establish a wastepaper recycling program by  
 16 January 1, 1990, in accordance with recommendations  
 17 made by the department of natural resources and the  
 18 requirements of section 18.20, shall comply.

19 (3) Comply with the recycling goal, recycling  
 20 schedule, and ultimate termination of purchase and use  
 21 of polystyrene products for the purpose of storing,  
 22 packaging, or serving food for immediate consumption  
 23 pursuant to section 455D.16, and shall, to accordance  
 24 with section 18.6, require.

25 (4) Require in accordance with section 18.18,  
 26 product content statements, the provision of  
 27 information regarding on-site review of waste  
 28 management in product bidding and contract procedures,  
 29 and compliance with requirements regarding procurement  
 30 specifications."

31 19. Page 4, by striking lines 14 and 15 and  
 32 inserting the following:

33 "c. The department shall report to the general  
 34 assembly by February 1 of each year, the following:"

35 20. Page 4, by striking lines 26 and 27 and  
 36 inserting the following: "percentage of liners  
 37 purchased which are starch-based."

38 21. Page 4, line 28, by inserting after the word  
 39 "Code" the following: "Supplement".

40 22. By striking page 4, line 34 through page 5,  
 41 line 1 and inserting the following: "this subsection,  
 42 whenever, the price is reasonably competitive and the  
 43 qualify intended, purchase soybean-based inks and  
 44 starch-based plastics, including but not limited to  
 45 starch-based garbage can liners."

46 23. Page 5, line 7, by striking the figure "1990"  
 47 and inserting the following: "1991".

48 24. Page 5, by striking lines 12 through 18 and  
 49 inserting the following: "be starch-based plastic  
 50 garbage can liners. The percentage purchased shall

S-5840

Page 4

1 increase by five percent annually until fifty percent  
2 of the purchases of garbage can liners are purchases  
3 of starch-based plastic garbage can liners.

4 By July 1, 1991, a minimum of twenty-five  
5 percent of the purchases of inks, other than inks  
6 which are used for newsprint printing services, and  
7 which are used internally or contracted for by the  
8 commission, shall be soybean-based to the extent  
9 formulations for such inks are available. The  
10 percentage of purchases by the commission of the  
11 soybean-based inks, to the extent formulations for  
12 such inks are available, shall increase by July 1,  
13 1992, to fifty percent of the total purchases of the  
14 inks, and shall increase by July 1, 1993, to one  
15 hundred percent of the total purchases of the inks."

16 25. Page 5, by striking lines 19 and 20 and  
17 inserting the following:

18 "c. The commission shall report to the general  
19 assembly on ~~January~~ February 1 of each year, the".

20 26. Page 5, by striking lines 32 and 33 and  
21 inserting the following: "percentage of liners  
22 purchased which are starch-based."

23 27. Page 5, line 34, by inserting after the word  
24 "Code" the following: "Supplement".

25 28. Page 6, by striking lines 1 and 2 and  
26 inserting the following:

27 "NEW PARAGRAPH. d. The department of natural  
28 resources shall".

29 29. Page 6, by striking lines 15 and 16 and  
30 inserting the following:

31 "NEW PARAGRAPH. g. The department of natural  
32 resources shall cooperate with the".

33 30. Page 6, by striking lines 18 through 21.

34 31. By renumbering as necessary.

By PATRICK DELJHERY  
C. JOSEPH COLEMAN

S-5840 FILED APRIL 2, 1990

*Adopted 4/7 (7/16/97)*

SENATE AMENDMENT TO HOUSE FILE 656

H-6187

1 Amend House File 656, as amended, passed, and  
2 reprinted by the House, as follows:

3 1. Page 1, line 1, by inserting after the word  
4 "Code" the following: "Supplement".

5 2. Page 1, by striking lines 6 through 12 and  
6 inserting the following: "product. The department of  
7 general services shall also purchase, whenever the  
8 price is reasonably competitive and the quality  
9 intended, and in keeping with the schedule established  
10 in this subsection, soybean-based inks and starch-  
11 based plastics, including but not limited to starch-  
12 based plastic garbage can liners".

13 3. Page 1, line 19, by striking the figure "1990"  
14 and inserting the following: "1991".

15 4. Page 1, by inserting before line 21 the  
16 following:

17 "By July 1, 1991, a minimum of twenty-five  
18 percent of the purchases of inks, other than inks  
19 which are used for newsprint printing services, and  
20 which are used internally or contracted for by the  
21 department of general services, shall be soybean-based  
22 to the extent formulations for such inks are  
23 available. The percentage of purchases by the  
24 department of the soybean-based inks, to the extent  
25 formulations for such inks are available, shall  
26 increase by July 1, 1992, to fifty percent of the  
27 total purchases of the inks, and shall increase by  
28 July 1, 1993, to one hundred percent of the total  
29 purchases of the inks."

30 5. Page 1, by striking lines 24 through 30 and  
31 inserting the following: "liners. The percentage  
32 purchased shall increase by five percent annually  
33 until fifty percent of the purchases of garbage can  
34 liners are purchases of starch-based plastic garbage  
35 can liners."

36 6. Page 2, line 11, by striking the words "based,  
37 and methods of disposing of the inks and liners" and  
38 inserting the following: "based".

39 7. Page 2, line 12, by inserting after the word  
40 "Code" the following: "Supplement".

41 8. Page 2, by striking lines 15 through 22 and  
42 inserting the following: "personal, belonging to the  
43 institutions. The board shall purchase or require the  
44 purchase of, whenever the price is reasonably  
45 competitive and the quality intended, and in keeping  
46 with the schedule established in this subsection,  
47 soybean-based inks and starch-based plastics,  
48 including but not limited to starch-based plastic  
49 garbage can liners."

50 9. Page 2, line 28, by striking the figure "1990"

A-5187

Page 2

1 and inserting the following: "1991".

2 10. Page 2, by inserting after line 30 the  
3 following:

4 " By July 1, 1991, a minimum of twenty-five  
5 percent of the purchases of inks, other than inks  
6 which are used for newsprint printing services, and  
7 which are used internally or contracted for by the  
8 board shall be soybean-based to the extent  
9 formulations for such inks are available. The  
10 percentage of purchases by the board of the soybean-  
11 based inks, to the extent formulations for such inks  
12 are available, shall increase by July 1, 1992, to  
13 fifty percent of the total purchases of the inks, and  
14 shall increase by July 1, 1993, to one hundred percent  
15 of the total purchases of the inks."

16 11. By striking page 2, line 33 through page 3,  
17 line 5, and inserting the following: "starch-based  
18 plastic garbage can liners. The percentage purchased  
19 shall increase by five percent annually until fifty  
20 percent of the purchases of garbage can liners are  
21 purchases of starch-based plastic garbage can liners."

22 12. Page 3, by striking lines 6 and 7 and  
23 inserting the following:

24 "c. The board shall report to the general assembly  
25 on January February 1 of each year, the".

26 13. Page 3, by striking lines 19 and 20 and  
27 inserting the following: "liners purchased which are  
28 starch-based."

29 14. Page 3, line 21, by inserting after the word  
30 "Code" the following: "Supplement".

31 15. Page 3, by striking lines 23 and 24 and  
32 inserting the following:

33 "NEW PARAGRAPH. d. The department of natural  
34 resources shall".

35 16. Page 4, by striking lines 1 and 2 and  
36 inserting the following:

37 "NEW PARAGRAPH. h. The department of natural  
38 resources shall cooperate with the".

39 17. Page 4, line 4, by inserting after the word  
40 "Code" the following: "Supplement".

41 18. Page 4, by striking lines 6 through 13 and  
42 inserting the following:

43 "4. a. Provide centralized purchasing services  
44 for the department, in co-operation with the  
45 department of general services. The administrator  
46 shall, whenever the price is reasonably competitive  
47 and the quality intended, purchase soybean-based inks  
48 and starch-based plastics, including but not limited  
49 to starch-based garbage can liners, and shall purchase  
50 these items in accordance with the schedule

H-6187

Page 3

1 established in section 18.18. However, the  
2 administrator need not purchase garbage can liners in  
3 accordance with the schedule if the liners are  
4 utilized by a facility approved by the environmental  
5 protection commission created under section 455A.6,  
6 for purposes of recycling.

7 b. The administrator shall also, in conjunction  
8 with recommendations made by the department of natural  
9 resources, purchase do all of the following:

10 (1) Purchase and use recycled printing and writing  
11 paper in accordance with the schedule established in  
12 section 18.18, shall establish and in conjunction with  
13 recommendations made by the department of natural  
14 resources.

15 (2) Establish a wastepaper recycling program by  
16 January 1, 1990, in accordance with recommendations  
17 made by the department of natural resources and the  
18 requirements of section 18.20, shall comply.

19 (3) Comply with the recycling goal, recycling  
20 schedule, and ultimate termination of purchase and use  
21 of polystyrene products for the purpose of storing,  
22 packaging, or serving food for immediate consumption  
23 pursuant to section 455D.16, and shall in accordance  
24 with section 18.6, require.

25 (4) Require in accordance with section 18.6  
26 product content statements, the provision of  
27 information regarding on-site review of waste  
28 management in product bidding and contract procedures,  
29 and compliance with requirements regarding procurement  
30 specifications."

31 19. Page 4, by striking lines 14 and 15 and  
32 inserting the following:

33 "c. The department shall report to the general  
34 assembly by February 1 of each year, the following:".

35 20. Page 4, by striking lines 26 and 27 and  
36 inserting the following: "percentage of liners  
37 purchased which are starch-based."

38 21. Page 4, line 28, by inserting after the word  
39 "Code" the following: "Supplement".

40 22. By striking page 4, line 34 through page 5,  
41 line 1 and inserting the following: "this subsection,  
42 whenever, the price is reasonably competitive and the  
43 qualify intended, purchase soybean-based inks and  
44 starch-based plastics, including but not limited to  
45 starch-based garbage can liners."

46 23. Page 5, line 7, by striking the figure "1990"  
47 and inserting the following: "1991".

48 24. Page 5, by striking lines 12 through 18 and  
49 inserting the following: "be starch-based plastic  
50 garbage can liners. The percentage purchased shall

H-6187

Page 4

1 increase by five percent annually until fifty percent  
2 of the purchases of garbage can liners are purchases  
3 of starch-based plastic garbage can liners.

4 . . . . . By July 1, 1991, a minimum of twenty-five  
5 percent of the purchases of inks, other than inks  
6 which are used for newsprint printing services, and  
7 which are used internally or contracted for by the  
8 commission, shall be soybean-based to the extent  
9 formulations for such inks are available. The  
10 percentage of purchases by the commission of the  
11 soybean-based inks, to the extent formulations for  
12 such inks are available, shall increase by July 1,  
13 1992, to fifty percent of the total purchases of the  
14 inks, and shall increase by July 1, 1993, to one  
15 hundred percent of the total purchases of the inks."

15 25. Page 5, by striking lines 19 and 20 and  
17 inserting the following:

18 "c. The commission shall report to the general  
19 assembly on January February 1 of each year, the".

20 26. Page 5, by striking lines 32 and 33 and  
21 inserting the following: "percentage of liners  
22 purchased which are starch-based."

23 27. Page 5, line 34, by inserting after the word  
24 "Code" the following: "Supplement".

25 28. Page 6, by striking lines 1 and 2 and  
26 inserting the following:

27 "NEW PARAGRAPH. d. The department of natural  
28 resources shall".

29 29. Page 6, by striking lines 15 and 16 and  
30 inserting the following:

31 "NEW PARAGRAPH. g. The department of natural  
32 resources shall cooperate with the".

33 30. Page 6, by striking lines 18 through 21.

34 31. By renumbering as necessary.

RECEIVED FROM THE SENATE

H-6187 FILED APRIL 7, 1990

CONCURRED (p. 204)

HSB 206

Agriculture

*M+W*

HOUSE FILE 656

BY (PROPOSED COMMITTEE ON  
AGRICULTURE BILL)

Passed House, Date \_\_\_\_\_ Passed Senate, Date \_\_\_\_\_

Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_ Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_

Approved \_\_\_\_\_

**A BILL FOR**

1 An Act relating to reducing pollution by products purchased by  
2 the state, and by setting requirements for procurement by the  
3 department of general services, the state board of regents,  
4 the state department of transportation, and the commission for  
5 the blind.

6 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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1 Section 1. Section 18.18, subsections 1 and 2, Code 1989,  
2 are amended to read as follows:

3 1. ~~When purchasing paper products, the department of~~  
4 ~~general services shall, whenever the price is reasonably~~  
5 ~~competitive and the quality intended, purchase the recycled~~  
6 ~~product. The~~ According to the schedule established in this  
7 subsection, the department of general services shall also  
8 ~~purchase, whenever the price is reasonably competitive and the~~  
9 ~~quality intended, and in keeping with the schedule established~~  
10 ~~in this subsection, soybean-based or refrain from purchasing~~  
11 paper, inks, and starch-based plastics, including but not  
12 limited to starch-based plastic products and plastic garbage  
13 can liners, and styrofoam containers.

14 a. By July 1, 1989, a minimum of fifty percent of the  
15 purchases of inks which are used for newsprint printing  
16 services performed internally or contracted for by the  
17 department of general services shall be soybean-based. The  
18 percentage of purchases by the department of soybean-based  
19 inks used for newsprint printing services shall increase by  
20 July 1, 1990, to one hundred percent of the total purchases of  
21 inks used for newsprint printing services.

22 b. By July 1, 1989, a minimum of fifteen percent of the  
23 purchases of garbage can liners made by the department of  
24 general services shall be starch-based plastic garbage can  
25 liners. ~~The percentage purchased shall increase by five~~  
26 ~~percent annually until fifty percent of the purchases of~~  
27 ~~garbage can liners are purchases of starch-based plastic~~  
28 ~~garbage can liners. The percentage of purchases by the~~  
29 department of starch-based plastic garbage can liners shall  
30 increase by July 1, 1990, to at least fifty percent of the  
31 total purchases of plastic garbage can liners. The percentage  
32 of purchases by the department of starch-based plastic garbage  
33 can liners shall increase by July 1, 1990, to one hundred  
34 percent of the total purchases of plastic garbage can liners.

35 c. By July 1, 1990, a minimum of fifty percent of the



1 purchases by the department of paper shall consist of  
2 recyclable paper. The percentage of purchases by the  
3 department of recyclable paper shall increase by July 1, 1991,  
4 to one hundred percent of the total purchases of paper.

5 d. By July 1, 1990, a minimum of fifteen percent of the  
6 purchases by the department of plastic containers or packages  
7 and a minimum of fifteen percent of purchases by the  
8 department of plastic products shall consist of recyclable  
9 plastic. The percentage of purchases by the department of  
10 recyclable plastic containers or packages and of recyclable  
11 plastic products shall increase by July 1, 1991, to fifty  
12 percent of the total purchases of plastic containers or  
13 packages and plastic products. The percentage of purchases by  
14 the department of recyclable plastic containers or packages  
15 and of recyclable plastic products shall increase by July 1,  
16 1992, to one hundred percent of the total purchases of plastic  
17 containers or packages and plastic products. As used in this  
18 subsection, a plastic container or package, or a plastic  
19 product, does not include a plastic garbage can liner.

20 e. By July 1, 1990, the department shall not purchase  
21 containers or packages composed of styrofoam.

22 e f. The department of general services shall report to  
23 the general assembly on ~~January~~ February 1 of each year the  
24 plastic following:

25 (1) Plastic products which are regularly purchased by the  
26 department of general services and other state agencies for  
27 which starch-based product alternatives are available. The  
28 report shall also include the cost of the plastic products  
29 purchased and the cost of the starch-based product  
30 alternatives.

31 (2) Information relating to soybean-based inks and starch-  
32 based garbage can liners regularly purchased by the department  
33 and other state agencies. The report shall include the cost  
34 of purchasing soybean-based inks and starch-based garbage can  
35 liners, the percentage of inks purchased which are soybean-

1 based and the percentage of liners purchased which are starch-  
2 based, and methods of disposing of the inks and liners.

3 (3) Information relating to recyclable products, including  
4 paper and plastic products, regularly purchased by the  
5 department and other state agencies. The report shall include  
6 the cost of purchasing recyclable products, the percentage of  
7 paper and plastic products purchased which are recyclable, and  
8 methods of recycling the products.

9 2. The department of general services, in conjunction with  
10 the department of natural resources, shall review the  
11 procurement specifications currently used by the state to  
12 eliminate, wherever possible, discrimination against the  
13 procurement of products manufactured with recovered materials,  
14 recyclable plastic products, starch-based plastics, and  
15 soybean-based inks.

16 Sec. 2. Section 18.18, Code 1989, is amended by adding the  
17 following new subsection:

18 NEW SUBSECTION. 7. As used in this section, "plastic  
19 product" means a product containing plastic equal to at least  
20 fifty percent of the weight of the product.

21 Sec. 3. Section 262.9, subsection 4, Code 1989, is amended  
22 to read as follows:

23 4. Manage and control the property, both real and  
24 personal, belonging to the institutions. ~~The board shall~~  
25 ~~purchase or require the purchase of, whenever the price is~~  
26 ~~reasonably competitive and the quality intended, and in~~  
27 ~~keeping with~~ According to the schedule established in this  
28 subsection, ~~soybean-based~~ the board shall purchase or refrain  
29 from purchasing paper, inks, and starch-based plastics,  
30 including but not limited to starch-based plastic products and  
31 plastic garbage can liners, and styrofoam containers.

32 a. By July 1, 1989, a minimum of fifty percent of the  
33 purchases of inks which are used for newsprint paper for  
34 printing services performed internally or contracted for by  
35 the board shall be soybean-based. The percentage of purchases

1 by the board of soybean-based inks used for newsprint printing  
2 services shall increase by July 1, 1990, to one hundred  
3 percent of the total purchases of inks used for newsprint  
4 printing services.

5 b. By July 1, 1989, a minimum of fifteen percent of the  
6 purchases of garbage can liners made by the board shall be  
7 starch-based plastic garbage can liners. ~~The percentage~~  
8 ~~purchased shall increase by five percent annually until fifty~~  
9 ~~percent of the purchases of garbage can liners are purchases~~  
10 ~~of starch-based plastic garbage can liners.~~ The percentage of  
11 purchases by the board of starch-based plastic garbage can  
12 liners shall increase by July 1, 1990, to at least fifty  
13 percent of the total purchases of starch-based plastic garbage  
14 can liners. The percentage of purchases by the board of  
15 starch-based plastic garbage can liners shall increase by July  
16 1, 1990, to one hundred percent of the total purchases of  
17 starch-based plastic garbage can liners.

18 c. By July 1, 1990, a minimum of fifty percent of the  
19 purchases by the board of paper shall consist of recyclable  
20 paper. The percentage of purchases by the department of  
21 recyclable paper shall increase by July 1, 1991, to one  
22 hundred percent of the total purchased paper.

23 d. By July 1, 1990, a minimum of fifteen percent of the  
24 purchases by the board of plastic containers or packages and a  
25 minimum of fifteen percent of purchases by the board of  
26 plastic products shall consist of recyclable plastic. The  
27 percentage of purchases by the board of recyclable plastic  
28 containers or packages and of recyclable plastic products  
29 shall increase by July 1, 1991, to fifty percent of the total  
30 purchases of plastic containers or packages and of plastic  
31 products. The percentage of purchases by the board of  
32 recyclable plastic containers or packages and of recyclable  
33 plastic products shall increase by July 1, 1992, to one  
34 hundred percent of the total purchases of plastic containers  
35 or packages and of plastic containers. As used in this

1 subsection, a plastic container or package or a plastic  
2 product does not include a plastic garbage can liner.

3 e. By July 1, 1990, the board shall not purchase con-  
4 tainers or packages composed of styrofoam.

5 e f. The board shall report to the general-assembly-on  
6 department of general services by January 1 of each year, the  
7 plastic following:

8 (1) Plastic products which are regularly purchased by the  
9 board for which starch-based product alternatives are  
10 available. The report shall also include the cost of the  
11 plastic products purchased and the cost of the starch-based  
12 product alternatives.

13 (2) Information relating to soybean-based inks and starch-  
14 based garbage can liners regularly purchased by the board.  
15 The report shall include the cost of purchasing soybean-based  
16 inks and starch-based garbage can liners, the percentage of  
17 inks purchased which are soybean-based and the percentage of  
18 liners purchased which are starch-based, and methods of  
19 disposing of the inks and liners.

20 (3) Information relating to recyclable products, including  
21 paper and plastic products, regularly purchased by the  
22 department. The report shall include the cost of purchasing  
23 recyclable products, the percentage of paper and plastic  
24 products purchased which are recyclable, and methods of  
25 recycling the products.

26 Sec. 4. Section 262.9, subsection 4, Code 1989, is amended  
27 by adding the following new paragraphs:

28 NEW PARAGRAPH. f. The department of general services, in  
29 conjunction with the department of natural resources, shall  
30 review the procurement specifications currently used by the  
31 board to eliminate, wherever possible, discrimination against  
32 the procurement of products manufactured with recovered  
33 materials, recyclable plastic products, starch-based plastics,  
34 and soybean-based inks.

35 NEW PARAGRAPH. g. The department of natural resources

1 shall assist the board in locating suppliers of recycled  
2 products, starch-based plastics, and soybean-based inks and  
3 collecting data on recycled content, starch-based plastic, and  
4 soybean-based ink purchases.

5 NEW PARAGRAPH. h. Information on recycled content shall  
6 be requested on all bids for paper products issued by the  
7 board and on other bids for products which could have recycled  
8 content such as oil, plastic products, including but not  
9 limited to starch-based plastic products, compost materials,  
10 aggregate, solvents, soybean-based inks, and rubber products.

11 NEW PARAGRAPH. i. The board, in conjunction with the  
12 department of natural resources, shall adopt rules to carry  
13 out the provisions of this section.

14 NEW PARAGRAPH. j. The department of general services and  
15 the department of natural resources shall cooperate with the  
16 board in all phases of implementing this section.

17 NEW PARAGRAPH. k. As used in this section "plastic  
18 product" means a product containing plastic equal to at least  
19 fifty percent of the weight of the product.

20 Sec. 5. Section 307.21, subsection 4, Code 1989, is  
21 amended to read as follows:

22 4. a. Provide centralized purchasing services for the  
23 department, in co-operation with the department of general  
24 services. The administrator shall, ~~whenever-the-price-is~~  
25 ~~reasonably-competitive-and-the-quality-intended,~~ purchase  
26 ~~soybean-based or refrain from purchasing paper,~~ inks, and  
27 starch-based plastics, including but not limited to starch-  
28 based plastic products and plastic garbage can liners, and  
29 ~~shall-purchase-these-items~~ styrofoam containers and packages,  
30 in accordance with the schedule established in section 18.18.

31 b. The department shall report to the department of  
32 general services by January 1 of each year, the following:

33 (1) Plastic products which are regularly purchased by the  
34 board for which starch-based product alternatives are  
35 available. The report shall also include the cost of the

1 plastic products purchased and the cost of the starch-based  
2 product alternatives.

3 (2) Information relating to soybean-based inks and starch-  
4 based garbage can liners regularly purchased by the  
5 department. The report shall include the cost of purchasing  
6 soybean-based inks and starch-based garbage can liners, the  
7 percentage of inks purchased which are soybean-based and the  
8 percentage of liners purchased which are starch-based, and  
9 methods of disposing of the inks and liners.

10 (3) Information relating to recyclable products, including  
11 paper and plastic products, regularly purchased by the  
12 department. The report shall include the cost of purchasing  
13 recyclable products, the percentage of paper and plastic  
14 products purchased which are recyclable, and methods of  
15 recycling the products.

16 Sec. 6. Section 601L.3, subsection 12, Code 1989, is  
17 amended to read as follows:

18 ~~12. Whenever the price is reasonably competitive and the~~  
19 ~~quality intended, and in keeping with~~ Manage and control the  
20 property, both real and personal, belonging to the department.  
21 The commission shall, according to the schedule established in  
22 this subsection, purchase soybean-based or refrain from  
23 purchasing paper, inks, and starch-based plastics, including  
24 but not limited to starch-based plastic products and plastic  
25 garbage can liners, and styrofoam containers and packages.

26 a. By July 1, 1989, a minimum of fifty percent of the  
27 purchases of inks which are used for newsprint paper for  
28 printing services performed internally or contracted for by  
29 the commission shall be soybean-based. The percentage of  
30 purchases by the commission of soybean-based inks used for  
31 newsprint printing services shall increase by July 1, 1990, to  
32 one hundred percent of the total purchases of inks used for  
33 newsprint printing services.

34 b. By July 1, 1989, a minimum of fifteen percent of the  
35 purchases of garbage can liners made by the commission shall

1 be starch-based plastic garbage can liners. ~~The percentage~~  
2 ~~purchased shall increase by five percent annually until fifty~~  
3 ~~percent of the purchases of garbage can liners are purchases~~  
4 ~~of starch-based plastic garbage can liners.~~ The percentage of  
5 purchases by the commission of starch-based plastic garbage  
6 can liners shall increase by July 1, 1990, to at least fifty  
7 percent of the total purchases of plastic garbage can liners.  
8 The percentage of purchases by the commission of starch-based  
9 plastic garbage can liners shall increase by July 1, 1991, to  
10 one hundred percent of the total purchases of plastic garbage  
11 can liners.

12 c. By July 1, 1990, a minimum of fifty percent of the  
13 purchases by the commission of paper shall consist of  
14 recyclable paper. The percentage of purchases by the  
15 department of recyclable paper shall increase by July 1, 1990,  
16 to one hundred percent of the total paper purchased.

17 d. By July 1, 1990, a minimum of fifteen percent of the  
18 purchases by the commission of plastic containers or packages  
19 and a minimum of fifteen percent of purchases by the  
20 commission of plastic products shall be made up of recyclable  
21 plastic. The percentage of purchases by the board of  
22 recyclable plastic containers or packages and of recyclable  
23 plastic products shall increase by July 1, 1991, to fifty  
24 percent of the total purchases of plastic containers or  
25 packages and of plastic products. The percentage of purchases  
26 by the board of recyclable plastic containers or packages and  
27 of recyclable plastic products shall increase by July 1, 1992,  
28 to one hundred percent of the total purchases of plastic  
29 containers or packages and of plastic products. As used in  
30 this subsection, a plastic container or package does not  
31 include a plastic garbage liner.

32 e. By July 1, 1990, the commission shall not purchase  
33 containers or packages composed of styrofoam.

34 e f. The commission shall report to the general assembly  
35 department of general services on January 1 of each year, the

1 plastic following:

2 (1) Plastic products which are regularly purchased by the  
3 commission for which starch-based product alternatives are  
4 available. The report shall also include the cost of the  
5 plastic products purchased and the cost of the starch-based  
6 product alternatives.

7 (2) Information relating to soybean-based inks and starch-  
8 based garbage can liners regularly purchased by the  
9 commission. The report shall include the cost of purchasing  
10 soybean-based inks and starch-based garbage can liners, the  
11 percentage of inks purchased which are soybean-based and the  
12 percentage of liners purchased which are starch-based, and  
13 methods of disposing of the inks and liners.

14 (3) Information relating to recyclable products, including  
15 paper and plastic products, regularly purchased by the  
16 commission. The report shall include the cost of purchasing  
17 recyclable products, the percentage of paper and plastic  
18 products purchased which are recyclable, and methods of  
19 recycling the products.

20 Sec. 7. Section 601L.3, subsection 12, Code 1989, is  
21 amended by adding the following new paragraphs:

22 NEW PARAGRAPH. f. The department of general services, in  
23 conjunction with the department of natural resources, shall  
24 review the procurement specifications currently used by the  
25 commission to eliminate, wherever possible, discrimination  
26 against the procurement of products manufactured with  
27 recovered materials, recyclable plastic products, starch-based  
28 plastics, and soybean-based inks.

29 NEW PARAGRAPH. g. The department of natural resources  
30 shall assist the commission in locating suppliers of recycled  
31 products, starch-based plastics, and soybean-based inks and  
32 collecting data on recycled content, starch-based plastic, and  
33 soybean-based ink purchases.

34 NEW PARAGRAPH. h. Information on recycled content shall  
35 be requested on all bids for paper products issued by the



1 commission and on other bids for products which could have  
2 recycled content such as oil, plastic products, including but  
3 not limited to starch-based plastic products, compost  
4 materials, aggregate, solvents, soybean-based inks, and rubber  
5 products.

6 NEW PARAGRAPH. i. The commission, in conjunction with the  
7 department of natural resources, shall adopt rules to carry  
8 out the provisions of this section.

9 NEW PARAGRAPH. j. The department of general services and  
10 the department of natural resources shall cooperate with the  
11 commission in all phases of implementing this section.

12 NEW PARAGRAPH. k. As used in this section "plastic  
13 product" means a product containing plastic equal to at least  
14 fifty percent of the weight of the product.

15 EXPLANATION

16 This bill requires the department of general services, the  
17 state department of transportation, the state board of  
18 regents, and the commission for the blind to purchase recycled  
19 paper, starch-based plastics, soybean-based inks, and recycled  
20 plastic products and refrain from purchasing styrofoam  
21 containers and packages, according to an established schedule.  
22 The bill also provides for review of procurement practices by  
23 the department of general services and the department of  
24 natural resources. The department of natural resources is  
25 required to assist the agencies in locating suppliers of and  
26 collecting data. The department of general services is  
27 required to report to the general assembly information  
28 relating to recyclable products and starch-based and soybean-  
29 based products purchased by the state.

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HOUSE FILE 656

AN ACT

RELATING TO REDUCING POLLUTION BY PRODUCTS PURCHASED BY THE STATE, AND BY SETTING REQUIREMENTS FOR PROCUREMENT BY THE DEPARTMENT OF GENERAL SERVICES, THE STATE BOARD OF REGENTS, THE STATE DEPARTMENT OF TRANSPORTATION, AND THE COMMISSION FOR THE BLIND.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. Section 18.18, subsection 1, Code Supplement 1989, is amended to read as follows:

1. When purchasing paper products, the department of general services shall, whenever the price is reasonably competitive and the quality intended, purchase the recycled product. The department of general services shall also purchase, whenever the price is reasonably competitive and the quality intended, and in keeping with the schedule established in this subsection, soybean-based inks and starch-based plastics, including but not limited to starch-based plastic garbage can liners.

a. By July 1, 1989, a minimum of fifty percent of the purchases of inks which are used for newsprint printing services performed internally or contracted for by the department of general services shall be soybean-based. The

percentage of purchases by the department of soybean-based inks used for newsprint printing services shall increase by July 1, 1991, to one hundred percent of the total purchases of inks used for newsprint printing services.

b. By July 1, 1991, a minimum of twenty-five percent of the purchases of inks, other than inks which are used for newsprint printing services, and which are used internally or contracted for by the department of general services, shall be soybean-based to the extent formulations for such inks are available. The percentage of purchases by the department of the soybean-based inks, to the extent formulations for such inks are available, shall increase by July 1, 1992, to fifty percent of the total purchases of the inks, and shall increase by July 1, 1993, to one hundred percent of the total purchases of the inks.

b c. By July 1, 1989, a minimum of fifteen percent of the purchases of garbage can liners made by the department of general services shall be starch-based plastic garbage can liners. The percentage purchased shall increase by five percent annually until fifty percent of the purchases of garbage can liners are purchases of starch-based plastic garbage can liners.

c d. The department of general services shall report to the general assembly on ~~January~~ February 1 of each year the plastic following:

(1) Plastic products which are regularly purchased by the department of general services and other state agencies for which starch-based product alternatives are available. The report shall also include the cost of the plastic products purchased and the cost of the starch-based product alternatives.

(2) Information relating to soybean-based inks and starch-based garbage can liners regularly purchased by the department and other state agencies. The report shall include the cost of purchasing soybean-based inks and starch-based garbage can

liners, the percentage of inks purchased which are soybean-based and the percentage of liners purchased which are starch-based.

Sec. 2. Section 262.9, subsection 4, Code Supplement 1989, is amended to read as follows:

4. Manage and control the property, both real and personal, belonging to the institutions. The board shall purchase or require the purchase of, whenever the price is reasonably competitive and the quality intended, and in keeping with the schedule established in this subsection, soybean-based inks and starch-based plastics, including but not limited to starch-based plastic garbage can liners.

a. By July 1, 1989, a minimum of fifty percent of the purchases of inks which are used for newsprint paper for printing services performed internally or contracted for by the board shall be soybean-based. The percentage of purchases by the board of soybean-based inks used for newsprint printing services shall increase by July 1, 1991, to one hundred percent of the total purchases of inks used for newsprint printing services.

b. By July 1, 1991, a minimum of twenty-five percent of the purchases of inks, other than inks which are used for newsprint printing services, and which are used internally or contracted for by the board shall be soybean-based to the extent formulations for such inks are available. The percentage of purchases by the board of the soybean-based inks, to the extent formulations for such inks are available, shall increase by July 1, 1992, to fifty percent of the total purchases of the inks, and shall increase by July 1, 1993, to one hundred percent of the total purchases of the inks.

b. c. By July 1, 1989, a minimum of fifteen percent of the purchases of garbage can liners made by the board shall be starch-based plastic garbage can liners. The percentage purchased shall increase by five percent annually until fifty percent of the purchases of garbage can liners are purchases of starch-based plastic garbage can liners.

e. d. The board shall report to the general assembly on January ~~February~~ 1 of each year, the plastic following:

(1) Plastic products which are regularly purchased by the board for which starch-based product alternatives are available. The report shall also include the cost of the plastic products purchased and the cost of the starch-based product alternatives.

(2) Information relating to soybean-based inks and starch-based garbage can liners regularly purchased by the board. The report shall include the cost of purchasing soybean-based inks and starch-based garbage can liners, the percentage of inks purchased which are soybean-based and the percentage of liners purchased which are starch-based.

Sec. 3. Section 262.9, subsection 4, Code Supplement 1989, is amended by adding the following new paragraphs:

NEW PARAGRAPH. d. The department of natural resources shall review the procurement specifications currently used by the board to eliminate, wherever possible, discrimination against the procurement of products manufactured with starch-based plastics and soybean-based inks.

NEW PARAGRAPH. e. The department of natural resources shall assist the board in locating suppliers of starch-based plastics and soybean-based inks and collecting data on starch-based plastic and soybean-based ink purchases.

NEW PARAGRAPH. f. The board, in conjunction with the department of natural resources, shall adopt rules to carry out the provisions of this section.

NEW PARAGRAPH. g. The department of natural resources shall cooperate with the board in all phases of implementing this section.

Sec. 4. Section 307.21, subsection 4, Code Supplement 1989, is amended to read as follows:

4. a. Provide centralized purchasing services for the department, in co-operation with the department of general services. The administrator shall, whenever the price is

reasonably competitive and the quality intended, purchase soybean-based inks and starch-based plastics, including but not limited to starch-based garbage can liners, and shall purchase these items in accordance with the schedule established in section 18.18. However, the administrator need not purchase garbage can liners in accordance with the schedule if the liners are utilized by a facility approved by the environmental protection commission created under section 455A.6, for purposes of recycling.

b. The administrator shall also, in conjunction with recommendations made by the department of natural resources, purchase do all of the following:

(1) Purchase and use recycled printing and writing paper in accordance with the schedule established in section 18.18; shall establish and in conjunction with recommendations made by the department of natural resources.

(2) Establish a wastepaper recycling program by January 1, 1990, in accordance with recommendations made by the department of natural resources and the requirements of section 18.20; shall comply.

(3) Comply with the recycling goal, recycling schedule, and ultimate termination of purchase and use of polystyrene products for the purpose of storing, packaging, or serving food for immediate consumption pursuant to section 455D.16; and shall, in accordance with section 18.6, require.

(4) Require in accordance with section 18.6 product content statements, the provision of information regarding on-site review of waste management in product bidding and contract procedures, and compliance with requirements regarding procurement specifications.

c. The department shall report to the general assembly by February 1 of each year, the following:

(1) Plastic products which are regularly purchased by the board for which starch-based product alternatives are available. The report shall also include the cost of the

plastic products purchased and the cost of the starch-based product alternatives.

(2) Information relating to soybean-based inks and starch-based garbage can liners regularly purchased by the department. The report shall include the cost of purchasing soybean-based inks and starch-based garbage can liners, the percentage of inks purchased which are soybean-based and the percentage of liners purchased which are starch-based.

Sec. 5. Section 601F.3, subsection 12, Code Supplement 1989, is amended to read as follows:

12. Whenever the price is reasonably competitive and the quality intended, and in keeping with Manage and control the property, both real and personal, belonging to the department. The commission shall, according to the schedule established in this subsection, whenever the price is reasonably competitive and the quality intended, purchase soybean-based inks and starch-based plastics, including but not limited to starch-based garbage can liners.

a. By July 1, 1989, a minimum of fifty percent of the purchases of inks which are used for newsprint paper for printing services performed internally or contracted for by the commission shall be soybean-based. The percentage of purchases by the commission of soybean-based inks used for newsprint printing services shall increase by July 1, 1991, to one hundred percent of the total purchases of inks used for newsprint printing services.

b. By July 1, 1989, a minimum of fifteen percent of the purchases of garbage can liners made by the commission shall be starch-based plastic garbage can liners. The percentage purchased shall increase by five percent annually until fifty percent of the purchases of garbage can liners are purchases of starch-based plastic garbage can liners.

c. By July 1, 1991, a minimum of twenty-five percent of the purchases of inks, other than inks which are used for newsprint printing services, and which are used internally or

contracted for by the commission, shall be soybean based to the extent formulations for such inks are available. The percentage of purchases by the commission of the soybean-based inks, to the extent formulations for such inks are available, shall increase by July 1, 1992, to fifty percent of the total purchases of the inks, and shall increase by July 1, 1993, to one hundred percent of the total purchases of the inks.

e. d. The commission shall report to the general assembly on January February 1 of each year, the plastic following:

(1) Plastic products which are regularly purchased by the commission for which starch-based product alternatives are available. The report shall also include the cost of the plastic products purchased and the cost of the starch-based product alternatives.

(2) Information relating to soybean-based inks and starch-based garbage can liners regularly purchased by the commission. The report shall include the cost of purchasing soybean-based inks and starch-based garbage can liners, the percentage of inks purchased which are soybean-based and the percentage of liners purchased which are starch-based.

Sec. 6. Section 6011.3, subsection 12, Code Supplement 1989, is amended by adding the following new paragraphs:

NEW PARAGRAPH. d. The department of natural resources shall review the procurement specifications currently used by the commission to eliminate, wherever possible, discrimination against the procurement of products manufactured with starch-based plastics and soybean-based inks.

NEW PARAGRAPH. e. The department of natural resources shall assist the commission in locating suppliers of starch-based plastics and soybean-based inks, and collecting data on recycled content, starch-based plastic, and soybean-based ink purchases.

NEW PARAGRAPH. f. The commission, in conjunction with the department of natural resources, shall adopt rules to carry out the provisions of this section.

NEW PARAGRAPH. g. The department of natural resources shall cooperate with the commission in all phases of implementing this section.

.....  
DONALD D. AVENSON  
Speaker of the House

.....  
JO ANN ZIMMERMAN  
President of the Senate

I hereby certify that this bill originated in the House and is known as House File 656, Seventy-third General Assembly.

.....  
JOSEPH O'HERN  
Chief Clerk of the House

Approved *May 2*, 1990

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TERRY E. GRANSTAD  
Governor