

SCHEDULE 13G
(12/31/97)

MIDWEST GRAIN PRODS
Cusip # 59832G104
New Filing

Cusip # 59832G104

- Item 1: REPORTING PERSONS
Dimensional Fund Advisors Inc. (Tax ID: 22-2370029)
- Item 4: CITIZENSHIP
Delaware Corporation
- Item 5: SOLE VOTING POWER
399,200 (See Note 1)*
* Persons who are officers of Dimensional Fund Advisors Inc. also serve as officers of DFA Investment Dimensions Group Inc., (the "Fund") and The DFA Investment Trust Company (the "Trust"), each an open-end management investment company registered under the Investment Company Act of 1940. In their capacities as officers of the Fund and the Trust, these persons vote 32,400 additional shares which are owned by the Fund and 105,300 shares which are owned by the Trust. (Included in Item 7 of this page of this Schedule)
- Item 6: SHARED VOTING POWER --
None
- Item 7: SOLE DISPOSITIVE POWER --
536,900 (See Note 1)
- Item 8: SHARED DISPOSITIVE POWER --
0
- Item 9: AGGREGATE AMOUNT BENEFICIALLY OWNED --
536,900 (See Note 1)
- Item 11: PERCENT OF CLASS REPRESENTED BY LINE 9 --
5.54 (See Note 1)
- Item 12: TYPE OF REPORTING PERSON --
IA

- ITEM 1(A). NAME OF ISSUER
MIDWEST GRAIN PRODS
- ITEM 1(B). ADDRESS OF ISSUER
1300 Main Street
Atchison, KS 66002
- ITEM 2(A). NAME OF PERSON FILING
Dimensional Fund Advisors
- ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE
1299 Ocean Avenue, 11th Floor, Santa Monica, CA 90401
- ITEM 2(C). CITIZENSHIP
A Delaware Corporation
- ITEM 2(D). TITLE OF CLASS OF SECURITIES
Common Stock
- ITEM 2(E). CUSIP NUMBER

ITEM 3. This statement is filed pursuant to Rule 13d-1 (b), or 13d-2 (b) and the person filing is an investment advisor registered under section 203 of the Investment Advisors Act of 1940.

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ITEM 4. OWNERSHIP
 ITEM 4(a). AMOUNT BENEFICIALLY OWNED
 See Page 2, Item No. 9
 ITEM 4(b). PERCENT OF CLASS
 See Page 2, Item No. 11
 ITEM 4(c). NUMBER OF SHARE AS TO WHICH SUCH PERSON HAS:
 (i). SOLE POWER TO VOTE OR DIRECT THE VOTE --
 See Page 2, Item No. 5
 (ii). SHARED POWER TO VOTE OR TO DIRECT THE VOTE --
 None
 (iii). SOLE POWER TO DISPOSE OR TO DIRECT DISPOSITION OF --
 See Page 2, Item No. 9
 (iv). SHARE POWER TO DISPOSE OR TO DIRECT DISPOSITION OF --
 None

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS
 If this statement is being filed to report the fact that as of 12/31/97 the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON
 All Securities reported in this schedule are owned by advisory clients of Dimensional Fund Advisors Inc., no one of which to the knowledge of Dimensional Fund Advisors Inc. owns more than 5% of the class. Dimensional Fund Advisors Inc disclaims beneficial ownership of all such securities.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:
 Not Applicable

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP
 Not Applicable

ITEM 9. NOTICE OF DISSOLUTION OF GROUP
 Not Applicable

ITEM 10. CERTIFICATION
 By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

(Note 1): All securities reported on the schedule are owned by advisory clients of Dimensional Fund Advisors Inc. Dimensional Fund Advisors Inc. disclaims beneficial ownership of all such securities.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Signature

Monday, February 6, 1997

Date

Michael T. Scardina
 Vice President and Chief Financial Officer

Name/Title