

# United States Patent [19]

Alley et al.

[11] Patent Number: **5,053,235**

[45] Date of Patent: **Oct. 1, 1991**

[54] **EXTRUDED FEED INTAKE LIMITING COMPOSITION**

[75] Inventors: **W. Larnce Alley; Johnie T. Scott,**  
both of Temple, Tex.

[73] Assignee: **Wendland's Farm Products, Inc.,**  
Temple, Tex.

[21] Appl. No.: **448,561**

[22] Filed: **Apr. 27, 1989**

### Related U.S. Application Data

[63] Continuation of Ser. No. 95,829, Sep. 11, 1987, Pat. No. 4,487,095.

[51] Int. Cl.<sup>5</sup> ..... **A23K 1/00**

[52] U.S. Cl. .... **426/74; 426/623;**  
**426/630; 426/636; 426/656; 426/807**

[58] Field of Search ..... **426/2, 72, 74, 623,**  
**426/630, 636, 807, 656**

[56] **References Cited**

### U.S. PATENT DOCUMENTS

3,946,115 3/1976 Brever et al. .... 426/72  
4,197,320 4/1980 Betz et al. .... 426/807

### OTHER PUBLICATIONS

Morrison, "Feeds and Feeding", The Morrison Publishing Co. (1957), pp. 20-21, 27, 824-827, 831-832, 840, 1091-1092.

*Primary Examiner*—R. B. Penland

*Attorney, Agent, or Firm*—David H. Judson

[57] **ABSTRACT**

An extruded feed intake limiting composition for use in free choice horse feeding also prevents colic, and founder and other digestive disorders. The horse ration, which has a low-to-medium energy content, is carefully balanced nutritionally as to nutrient density, soluble carbohydrate and fiber content. The ration can be fed to a horse on an ad libitum basis as the sole source of nutrition for the horse excluding water.

**9 Claims, No Drawings**