Introduction

 $frame The\ farmer's\ problem\ birge 2011 introduction$

A farmer has available 500 acres of land available for raising wheat, corn, and sugar beets. itemize

- S he needs at least 200 tons of wheat and 240 tons of corn for cattle feed;
- C attle feed amounts can be raised on the farm or bought from a wholesale market;
- S ugar beet is raised for profit only. However, production above a 6000 ton quota has a lower sales price.