FRQ Guidelines

1. Write your answers in COMPLETE sentences.
2. Do NOT REWRITE the question as part of your answer. Just answer the question.
3. SKIP lines between each part (A, B, C, D, etc.)
4. Write in Black PEN. (not applicable 2020)
5. READ each part of each question carefully before you start your answer. BE SURE you know what the question is asking you to answer.
6. Use your NOTES sparingly so you do not run out of time. (only for 2020)

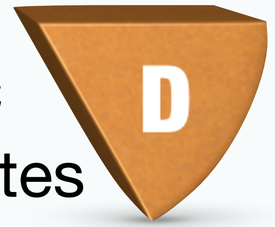
WOMEN / GENDER

- Discrimination
- Empowerment
- Equality
- Jobs
- Traditional Roles

ECONOMIC

- Development
- Jobs
- Remittances
- Sectors of Economy
- Standard of Living
- Wealth / Poverty

DEMOGRAPHIC



- Birth/Death Rates
- Densities
- Dependency Ratios
- Infant Mortality Rates
- Migration
- Total Populations

GOVERNMENT / POLITICS

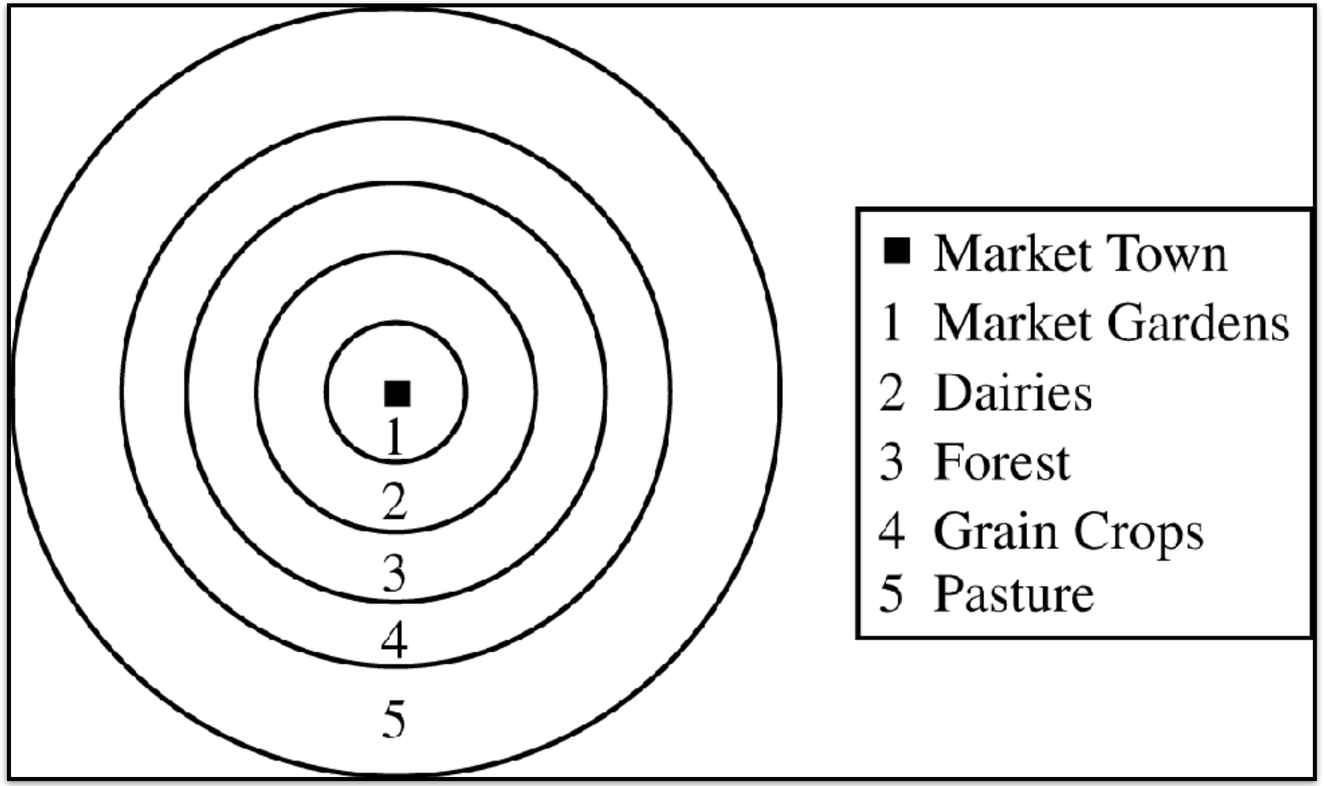
- Citizenship
- Laws and Regulations
- Types of Governments
- Wars / Conflicts
- Zoning

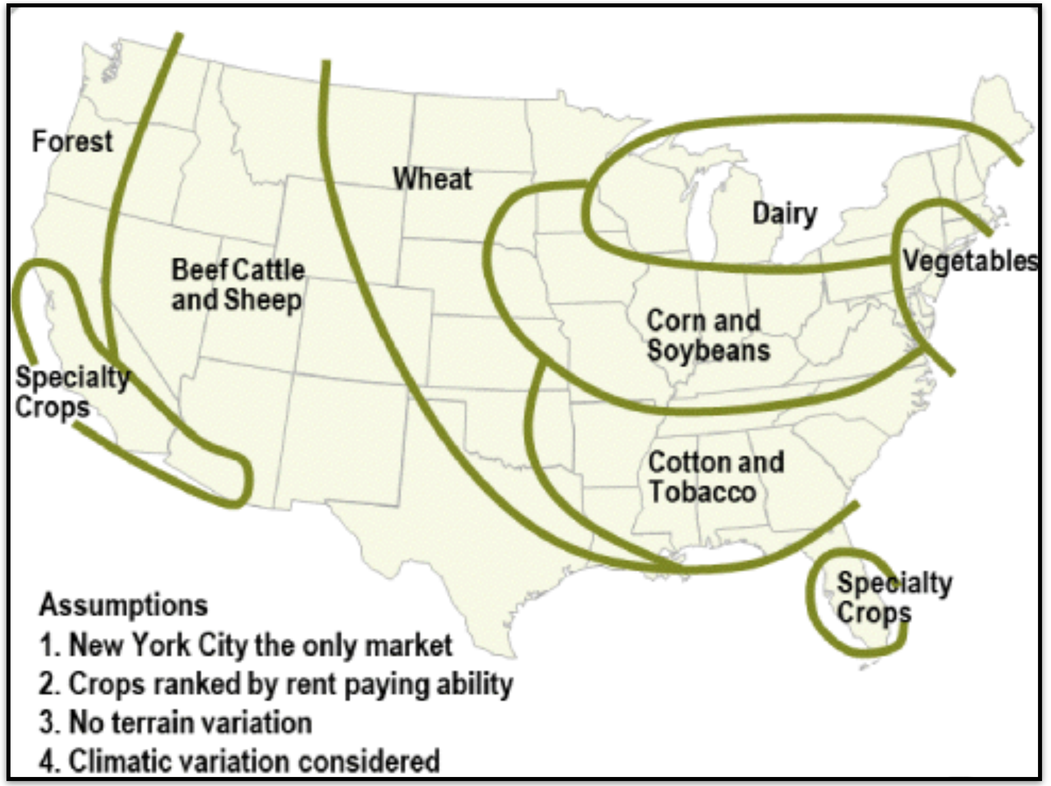
ENVIRONMENT

- Climate
- Natural Disasters
- Pollution
- Sanitation
- Topography
- Vegetation

SOCIAL

- Beliefs
- Cultures
- Education
- Ethnicities / Races
- Languages
- Religions





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H. Describe one impact to agricultural production in the 21st century the model did not consider in determining where agriculture would occur.

Von Thünen Model

Describe how the von Thünen model is used to explain patterns of agricultural production at various scales.

- Von Thünen's model helps to explain rural land use by emphasizing the importance of transportation costs associated with distance from the market; however, regions of specialty farming do not always conform to von Thünen's concentric rings.

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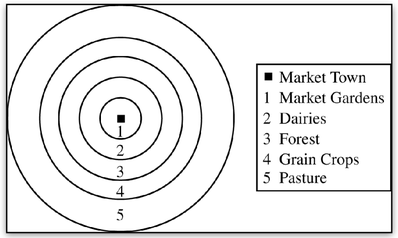

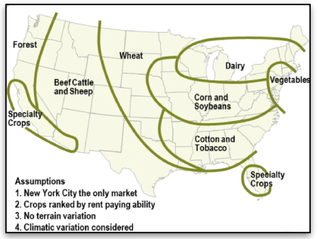

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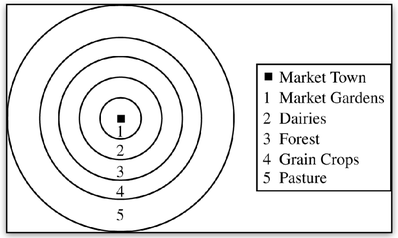

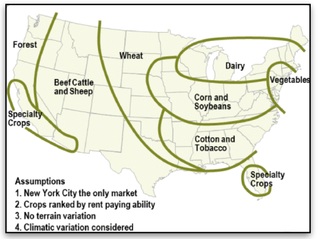

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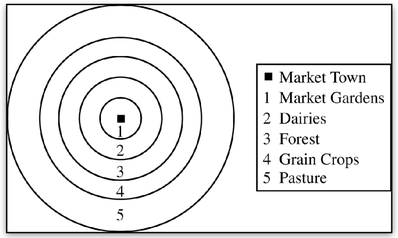

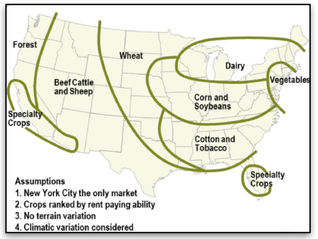

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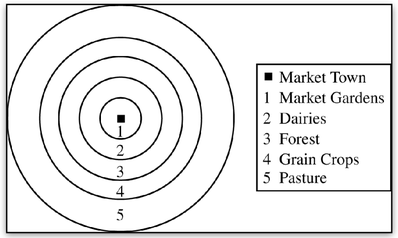

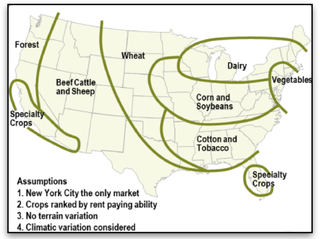

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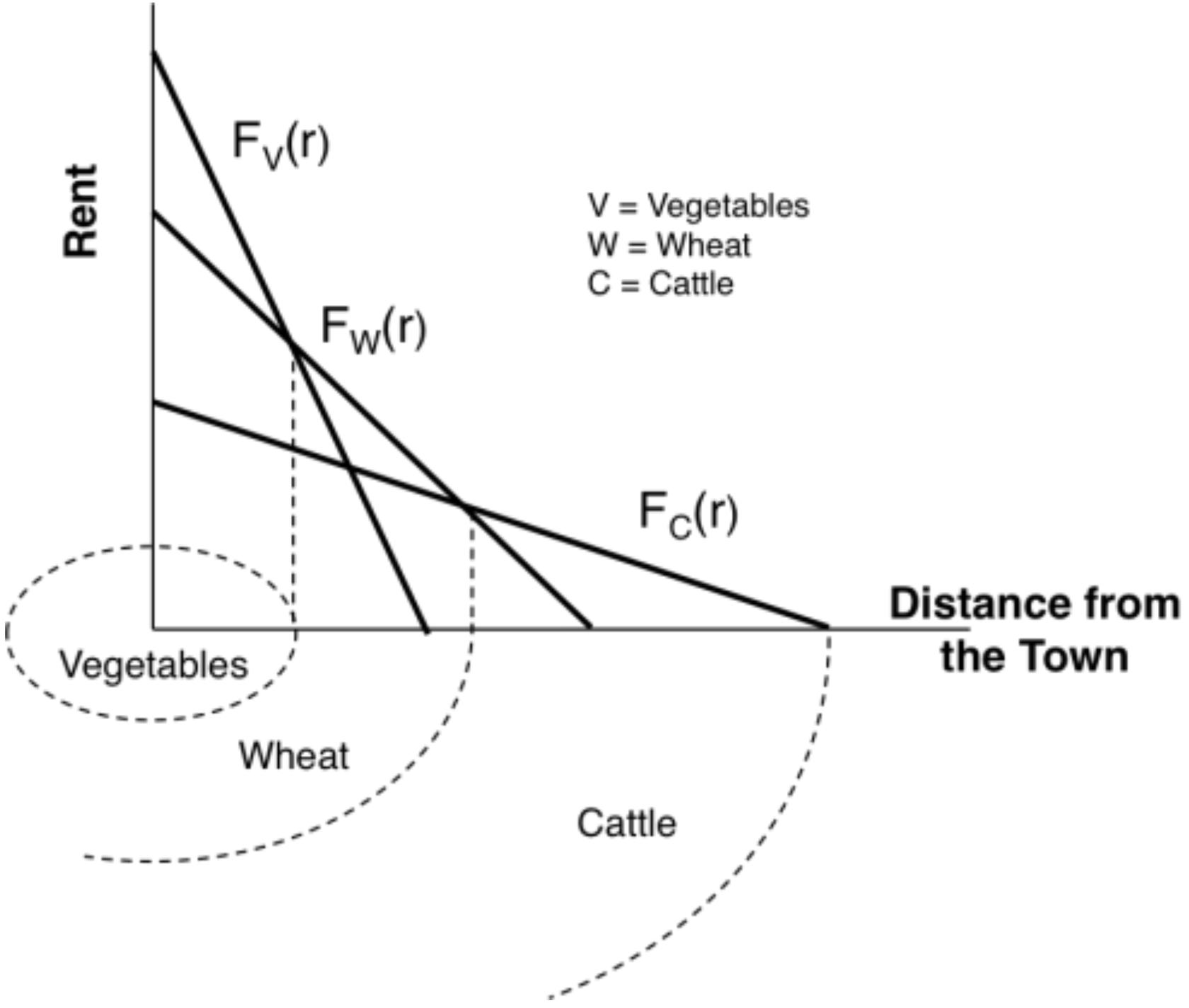
Rent
$F_V(r)$
$F_W(r)$
$F_C(r)$
V = Vegetables
W = Wheat
C = Cattle
Distance from the Town
Vegetables
Wheat
Cattle

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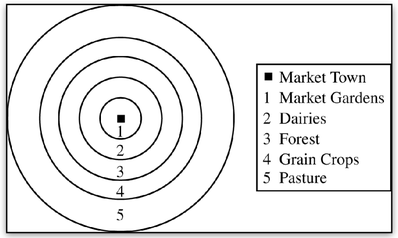

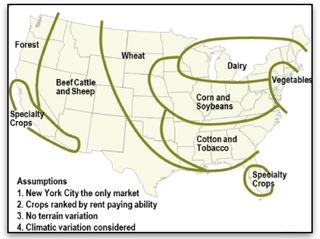

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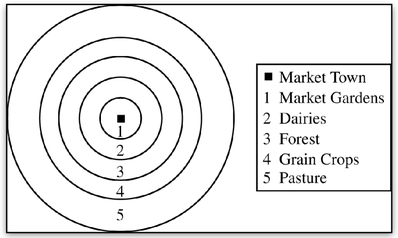

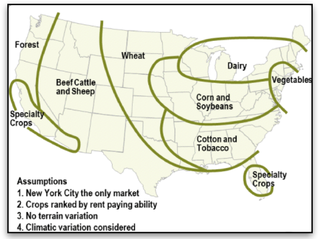

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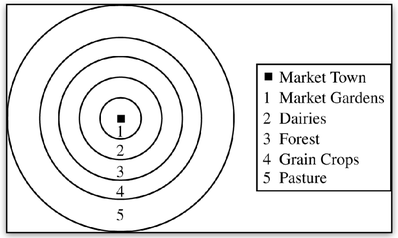

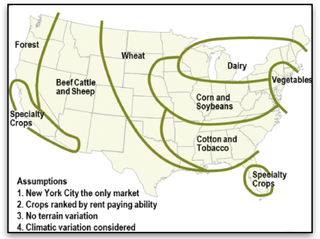

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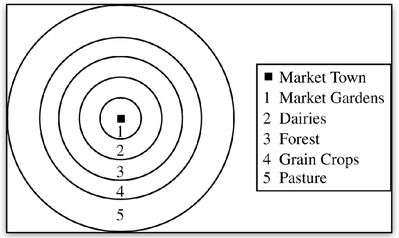

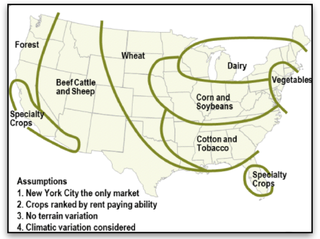

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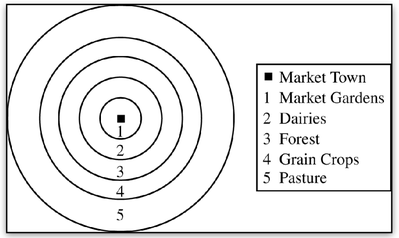

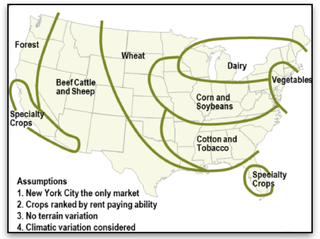

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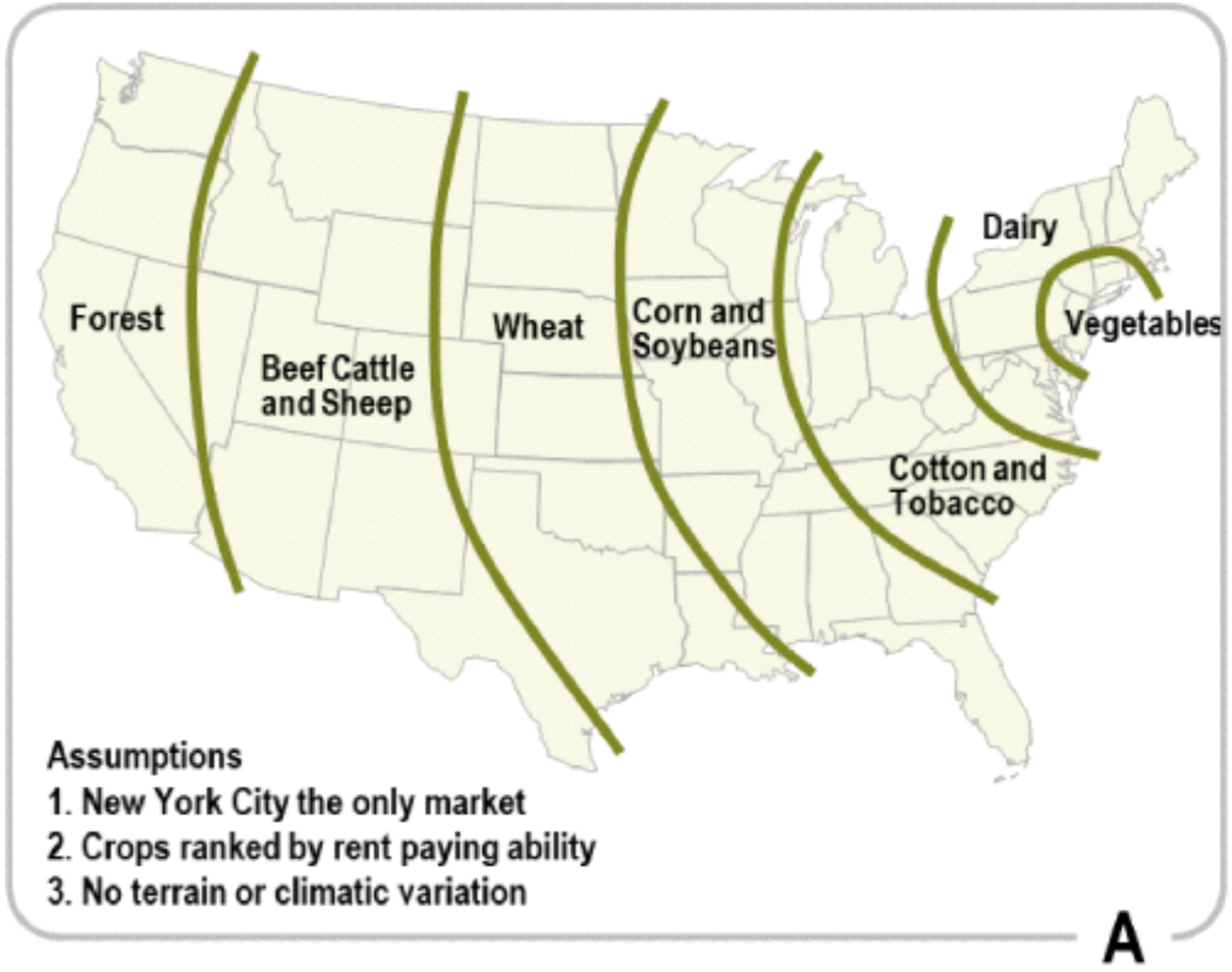
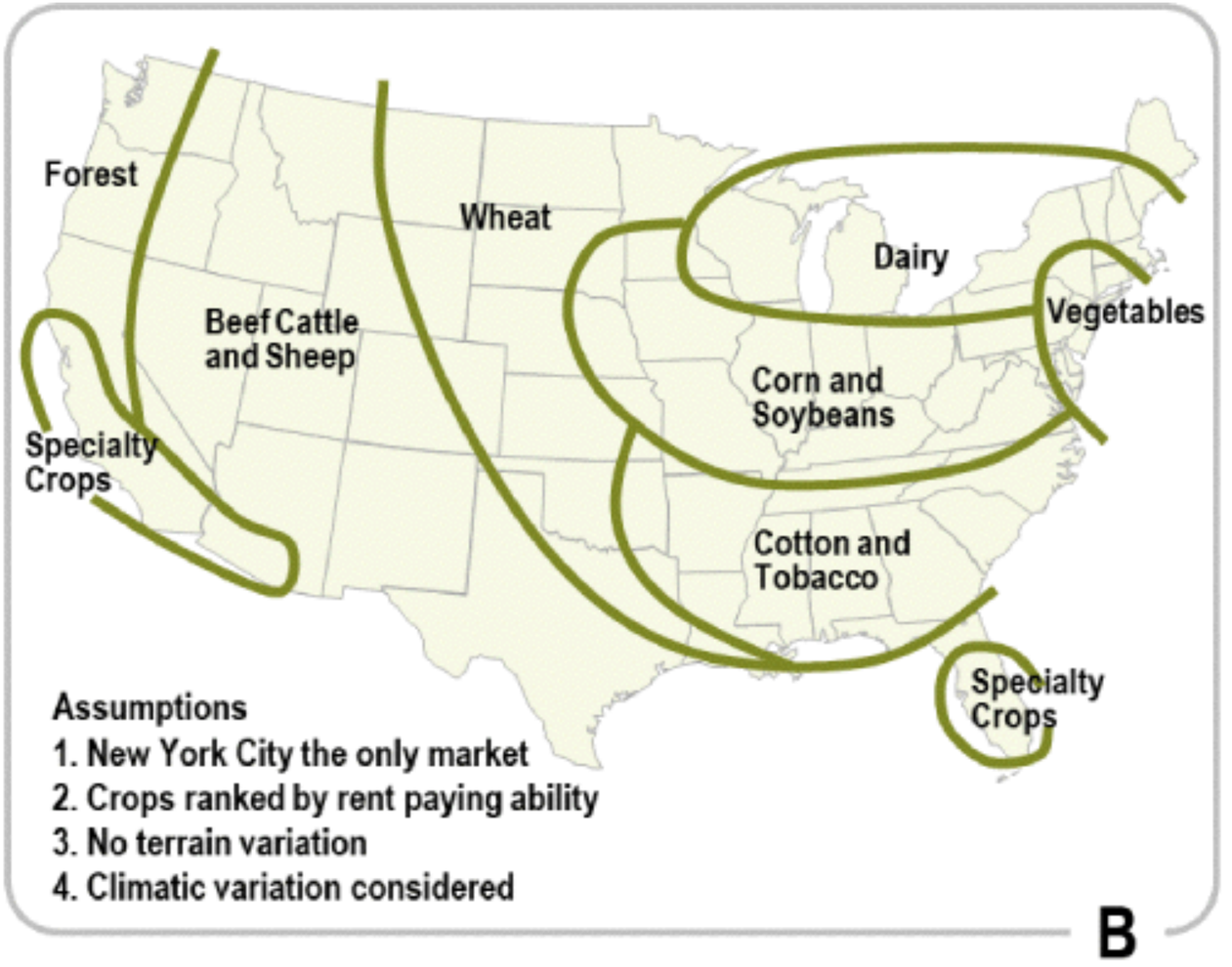
H. Economies of Scale with big Agribusinesses dominating agricultural production; modern inventions with improved transportation and refrigeration.





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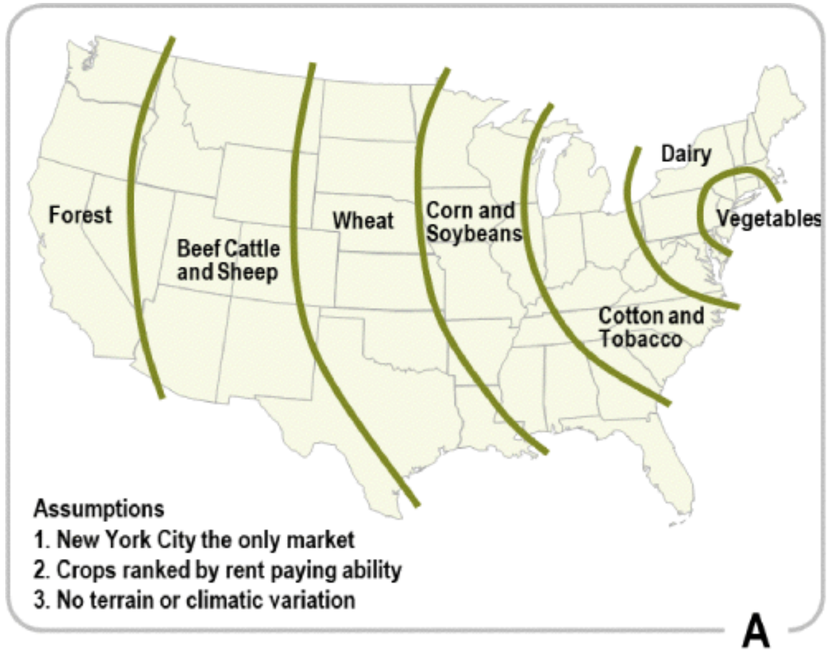

Figure A represents what the agricultural land use would be if the most basic assumptions were applied, namely the market located at New York (or BostWash), crops being ranked by comparative rent paying abilities and considering ubiquitous geographical characteristics. Although this representation has some level of concordance with reality, **it inaccurately portrays agricultural land use in the United States**.

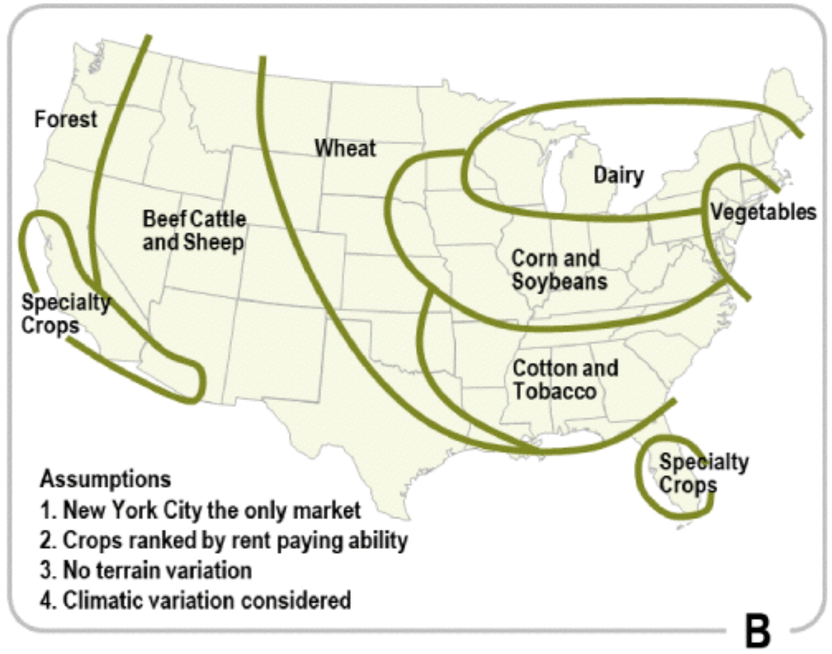

Figure B includes one supplementary assumption that considers **climate variations**, where the north is colder than the south. This constraint has a significant impact on agricultural land use as even if for a location a crop would have a higher rent paying ability, another crop would be grown because climatic conditions forbids it. The resulting agricultural land use has a much higher level of correspondence with reality.