

BAD KING JOHN

We live in an era of living room economists, expounding their views on what's going wrong with the country and how they would put it right.

Bad King John is a game which will give you a chance to put your economic theories to the test on a computer model of a simple agricultural society.

Bad King John is the medieval lord of a small island with a population of just a few thousand. To win the trust of the people he must stay on the throne for 10 years.

The task is made more complicated by the need to keep the population under 3,500 for this period, for rebellion is in the air and if the population rises above this figure the peasants will revolt and overthrow you.

But weighed against this, you must remember that should more than 30% starve the remaining populace will revolt and bring the monarchy down.

So keep a careful eye on the harvest and the livestock which are prone to rot and plague respectively.

The variables are: Y = years on throne; TT and TS = date; P = population; C = corn; L = livestock; S = corn to sow; F = tons of corn to feed people; FL = tons of corn to feed livestock; SL = livestock to slaughter; NP = compare with P; H = harvest corn; I = looping.



RUNS ON A 32 Column Pet in 8K

By JOHN MYATT

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1 Y=0
2 TT=INT(RND(1)*300+.5)
3 TS=1000
4 P=1000:C=100:L=50
5 PRINT"INSTRUCTIONS(Y\N)"
6 GETA$:IFA$=""THEN6
7 IFA$="Y"THENGOSUB5000
20 PRINT"THE YEAR IS"(TS+TT)
22 P=INT(P)
23 L=INT(L)
24 C=INT(C)
30 PRINT"POPULATION:";P
35 PRINT"LIVESTOCK:";L
40 PRINT"TONS CORN:";C:PRINT"
41 FORI=1TO(P/10):PRINT"#";NEXT
42 PRINT"
43 FORI=1TO(L/10):PRINT"n";NEXT
44 PRINT"
45 FORI=1TO(C/10):PRINT"#";
46 NEXT
54 PRINT"
55 INPUT"TONS CORN TO SOW";S
60 C=C+S
70 INPUT"TONS TO FEED";F
80 C=C-F
85 INPUT"TONS TO FEED LIVESTOCK";FL
90 C=C-FL
95 IFC>-1THEN105
100 PRINT"YOU HAVEN'T GOT THAT MUCH!":GOTO54
102 C=C+F+FL+S:GOTO55
105 INPUT"LIVESTOCK TO SLAUGHTER";SL
107 L=L-SL
115 NP=P
117 IFF<=0THENNP=10
120 P=P*(F/(P*.1))*RND(1)+.5+(SL*10)
125 IFC>1000THENC=C-700
126 IFL<=0THENL=10
127 L=L*(FL/(L*.1))*RND(1)+.5
130 H=S*RND(1)*70
135 IFH<=0THENH=S*2
137 H=INT(H)
140 PRINT"HARVEST:";H;" TONS"
141 IFH<=S*2ORH<S*10ANDH<=0ANDS<=0THENPRINT"BAD YEAR!!"
142 IFH>S*10ANDH<S*40THENPRINT"AN AVERAGE YEAR"
143 IFH>S*40THENPRINT"A GOOD YEAR!"
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144 IFS=0THENPRINT"YOU SOW NOTHING;YOU GET NOTHING"
145 IFC>1000THENPRINT"NOT HITS CORN;LOSE 700TONS!!":C=C-700
146 IFL>1000THENPRINT"PLAGUE!LOSE700 ANIMALS!":L=L-700
147 IFH>400ORS=0THEN159
148 FORI=1TOH
149 PRINT"#I";
155 NEXT
159 C=C+H
160 GETY$:IFY$=""THEN160
170 IFP<=(NP*.65)THENPRINT"THE PEASANTS ARE REVOLTING!!":GOTO200
175 IFP>3500THENPRINT"YOU HAVE BEEN OVERTHROWN!!":GOTO200
178 IFY>9THENPRINT"LONG LIVE THE KING!!":GOTO200
180 NP=P
185 TT=TT+1
189 Y=Y+1
190 GOTO20
200 PRINT"POPULATION IS";P
205 PRINT"LIVESTOCK:";L
210 PRINT"TONS CORN";C:PRINT"
220 FORI=1TO(P/10)
230 PRINT"#";
240 NEXT
250 PRINT": IFL=0THEN255
251 FORI=1TO(L/10)
252 PRINT"#";
253 NEXT
254 PRINT": PRINT"
255 FORI=1TO(C/10)
260 PRINT"#";
270 NEXT
271 PRINT"#
275 PRINT"ANOTHER GO?"
280 GETS$:IFS$=""THEN280
285 IFS$<>"N"ANDS$<>"Y"THEN280
290 IFS$="Y"THENRUN
300 END
5000 PRINT"BAD KING JOHN"
5005 PRINT"#=10PEOPLE;=10ANIMALS;#=10TONS OF CORN"
5010 PRINT"#1 TON OF CORN FEEDS 10 PEOPLE"
5020 PRINT"#1 TON OF CORN FEEDS 10 ANIMALS"
5030 PRINT"#5 TONS OF CORN SHOULD MAKE 150 TONS"
5040 PRINT"#AFTER HARVEST PRESS A KEY"
5050 PRINT"#AT THE START YOU HAVE 50 ANIMALS."
5060 PRINT"#130 TONS OF CORN AND A POPULATION OF"
5070 PRINT"#1000.YOU CAN SLAUGHTER ANIMALS;1=10 TONS"
5080 PRINT"#OF CORN."
5085 PRINT"#PRESS KEY"
5090 GETYY$:IFYY$=""THEN5090
6000 PRINT"#YOU CAN LOSE IN TWO WAYS:"
6010 PRINT"#(1)IF YOU STARVE 30% OF THE"
6020 PRINT"#POPULATION (OR MORE)"
6030 PRINT"#(2)IF THE POPULATION GROWS ABOVE 3500"
6040 PRINT"#TO WIN YOU MUST STAY ON THE THRONE FOR"
6050 PRINT"#10 YEARS"
6060 PRINT"# GOOD LUCK!"
6070 PRINT"#PRESS KEY"
6080 GETYYY$:IFYYY$=""THEN6080
6090 RETURN

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