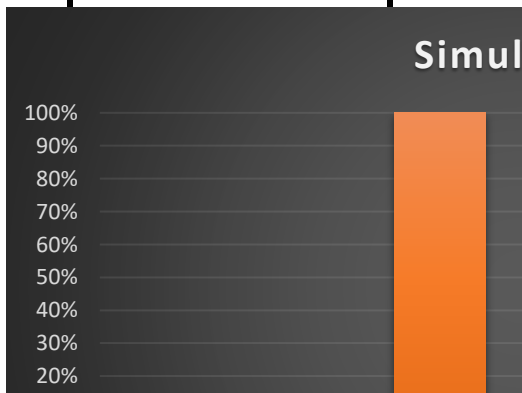
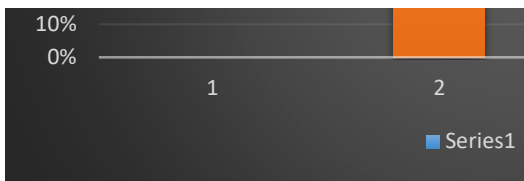


Monthly Demand of Green Produce of TESC

Period	DATE	Green Produce Demand	#N/A
1	Jan-92	160204	#N/A
2	Feb-92	183778	176683.7
3	Mar-92	186069	188857.3
4	Apr-92	196725	193342
5	May-92	197232	200191
6	Jun-92	206616	202867
7	Jul-92	204753	200759
8	Aug-92	190908	196832.3
9	Sep-92	194836	187708
10	Oct-92	177380	184405
11	Nov-92	180999	176686.3
12	Dec-92	171680	171841
13	Jan-93	162844	174131
14	Feb-93	187869	179816.7
15	Mar-93	188737	194195.7
16	Apr-93	205981	198044
17	May-93	199414	205077.7
18	Jun-93	209838	206295.3
19	Jul-93	209634	204412.3
20	Aug-93	193765	200397.3
21	Sep-93	197793	191293.3
22	Oct-93	182322	188981
23	Nov-93	186828	179488
24	Dec-93	169314	174195.3
25	Jan-94	166444	177316
26	Feb-94	196190	186013.7
27	Mar-94		
28	Apr-94		
29	May-94		
30	Jun-94		
31	Jul-94		
32	Aug-94		
33	Sep-94		
34	Oct-94		
35	Nov-94		
36	Dec-94		



		10%	
37	Jan-95	0%	
38	Feb-95		
39	Mar-95		
40	Apr-95		
41	May-95		
42	Jun-95		
43	Jul-95		
44	Aug-95		
45	Sep-95		
46	Oct-95		
47	Nov-95		
48	Dec-95		
49	Jan-96		
50	Feb-96		
51	Mar-96		
52	Apr-96		
53	May-96		
54	Jun-96		
55	Jul-96		
56	Aug-96		
57	Sep-96		
58	Oct-96		
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60	Dec-96		
61	Jan-97		
62	Feb-97		
63	Mar-97		
64	Apr-97		
65	May-97		
66	Jun-97		
67	Jul-97		
68	Aug-97		
69	Sep-97		
70	Oct-97		
71	Nov-97		
72	Dec-97		
73	Jan-98		
74	Feb-98		
75	Mar-98		
76	Apr-98		
77	May-98		
78	Jun-98		
79	Jul-98		
80	Aug-98		
81	Sep-98		
82	Oct-98		
83	Nov-98		



211370	213714.7
217188	215924.7
219216	213423.3
203866	209942.3
206745	201580.7
194131	198072.3
193341	190312.3
183465	184456
176562	188066.3
204172	195329
205253	209367
218676	213160
215551	219778.7
225109	223236.7
229050	220587.7
207604	217436
215654	207633.7
199643	205586.3
201462	197077
190126	191846
183950	195342.7
211952	202397.3
211290	216441.3
226082	219875.3
222254	228349.7
236713	230821
233496	227918.7
213547	222754
221219	212396
202422	210321
207322	202204.7
196870	197119.7
187167	199419.7
214222	206436.7
217921	220014
227899	224851
228733	232192
239944	235273.3
237143	232182.7
219461	228375.7
228523	219720.7
211178	218668
216303	207020.7

84	Dec-98	193581	200456.3
85	Jan-99	191485	201943
86	Feb-99	220763	211081.3
87	Mar-99	220996	224181.7
88	Apr-99	230786	229250.7
89	May-99	235970	236624
90	Jun-99	243116	240196.3
91	Jul-99	241503	236308.3
92	Aug-99	224306	233146.7
93	Sep-99	233631	226597.7
94	Oct-99	221856	225650.7
95	Nov-99	221465	215587.7
96	Dec-99	203442	208056
97	Jan-00	199261	211731
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108	Dec-00	209685	209650.3
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111	Mar-01	232513	236819
112	Apr-01	245357	240456
113	May-01	243498	246406
114	Jun-01	250363	249045
115	Jul-01	253274	243316.3
116	Aug-01	226312	240212
117	Sep-01	241050	232624.3
118	Oct-01	230511	233715
119	Nov-01	229584	225103.3
120	Dec-01	215215	217678.7
121	Jan-02	208237	219840.7
122	Feb-02	236070	227177.7
123	Mar-02	237226	241680.7
124	Apr-02	251746	245613.3
125	May-02	247868	252002
126	Jun-02	256392	254308.7
127	Jul-02	258666	249561
128	Aug-02	233625	245949
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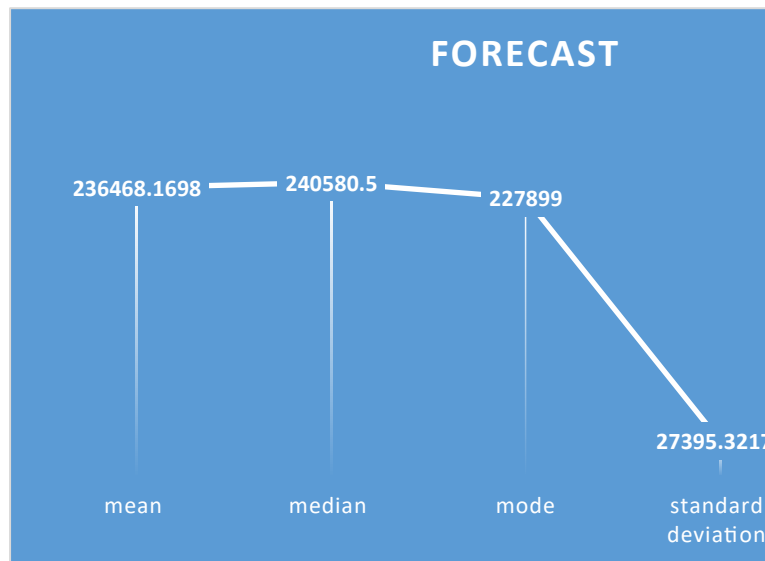
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136	Apr-03	253244	248268
137	May-03	252145	255831.3
138	Jun-03	262105	258312.3
139	Jul-03	260687	253414.3
140	Aug-03	237451	250728.7
141	Sep-03	254048	241732.3
142	Oct-03	233698	242094.7
143	Nov-03	238538	231562
144	Dec-03	222450	224899
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146	Feb-04	251403	238693.3
147	Mar-04	250968	253202
148	Apr-04	257235	255195.3
149	May-04	257383	260195.7
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151	Jul-04	262836	257440
152	Aug-04	243515	253615.7
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156	Dec-04	224072	229690.3
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158	Feb-05	253182	241337.3
159	Mar-05	250860	255573.3
160	Apr-05	262678	259118
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163	Jul-05	265323	258196
164	Aug-05	242240	252994
165	Sep-05	251419	245571.7
166	Oct-05	243056	246754
167	Nov-05	245787	240708.3
168	Dec-05	233282	233260
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170	Feb-06	256623	242659.3
171	Mar-06	250644	256879
172	Apr-06	263370	259265.3
173	May-06	263782	263524.3
174	Jun-06	263421	264136.3
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177	Sep-06	257939	249630

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182	Feb-07	259638	243821.7
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184	Apr-07	267574	261847.7
185	May-07	265374	266684.7
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187	Jul-07	271225	261432
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215	Nov-09	239593	232565.3
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220	Apr-10	256927	256982
221	May-10	260083	260775
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223	Jul-10	263837	257944.7
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225	Sep-10	256395	246885.3
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235	Jul-11	260526	254254.3
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238	Oct-11	238535	245083.7
239	Nov-11	244810	236957.3
240	Dec-11	227527	230177.7
241	Jan-12	218196	233963
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252	Dec-12	229419	227977
253	Jan-13	215803	232749.3
254	Feb-13	253026	240297.7
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268	Apr-14	266237	262144
269	May-14	263459	266583
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272	Aug-14	247688	260554.3
273	Sep-14	265144	251427.7
274	Oct-14	241451	252955.3
275	Nov-14	252271	242406.7
276	Dec-14	233498	234329.7
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280	Apr-15	270839	268076.7
281	May-15	270574	273261.7
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287	Nov-15	259424	249315.3
288	Dec-15	239679	240704.7
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291	Mar-16	269653	270924
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293	May-16	276991	280041
294	Jun-16	285160	280454.7
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317	May-18	280877	285062
318	Jun-18	288145	285210

319	Jul-18	286608	278449.3
320	Aug-18	260595	276459
321	Sep-18	282174	267119.7
322	Oct-18	258590	269725.7
323	Nov-18	268413	271513
324	Dec-18	287536	264139.1
mean		236468.1698	
median		240580.5	
mode		227899	
standard deviation		27395.32174	
SEM		1521.962319	



CO (KG)

seasonal average index LT forecast

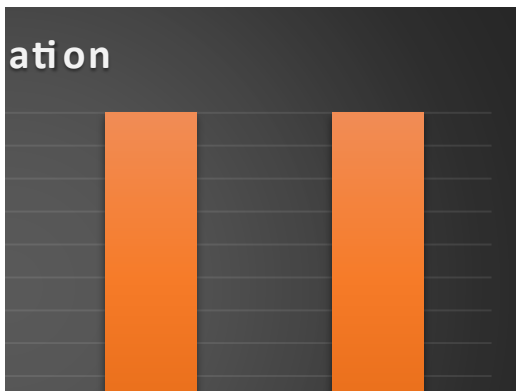
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<i>Period</i>	
Mean	162.5
Standard Error	5.204164999
Median	162.5
Mode	#N/A
Standard Deviation	93.67496998
Sample Variance	8775
Kurtosis	-1.2
Skewness	-1.21742E-16
Range	323
Minimum	1
Maximum	324
Sum	52650
Count	324
Largest(2)	323
Smallest(2)	2
Confidence Level(95.0%)	10.23833911

Intercept	198986.2192
Slope	230.6581572

Simulation	
average	236468.1698
Standard deviation	27395.32174
	3637.265495

Safety Stock	
Lead time days	7
Standard deviation of demand	27395.32174
service level	95%
Z-score	1.96
safety stock	142063.1685





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 0.913123601 208443.2036
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Share	0.2
Probability	0.05
Simualtion	0.716170939
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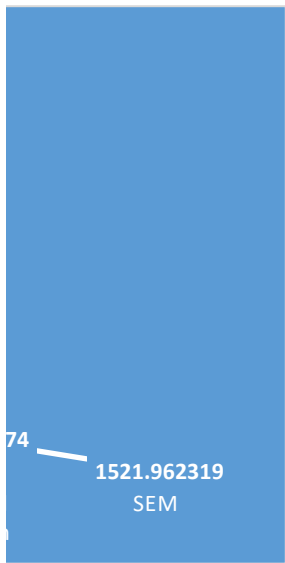
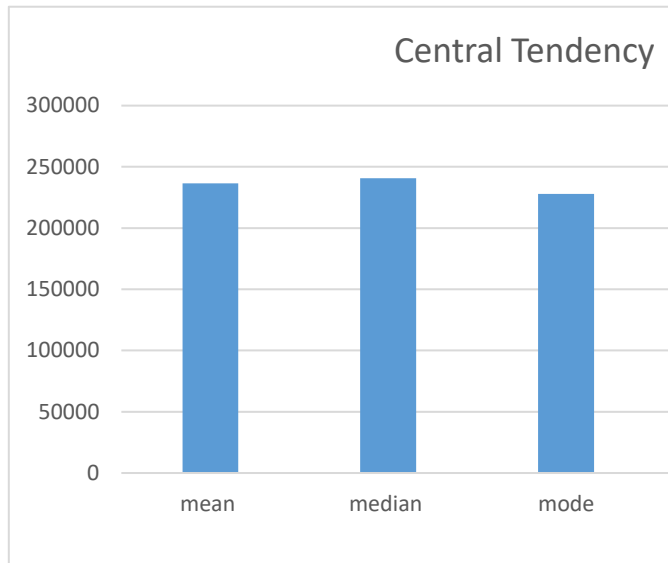
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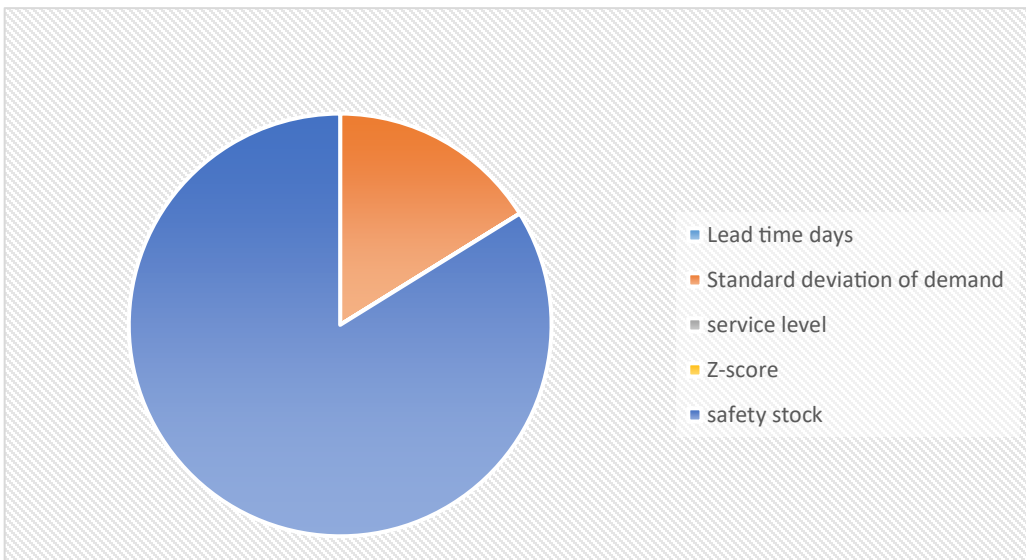
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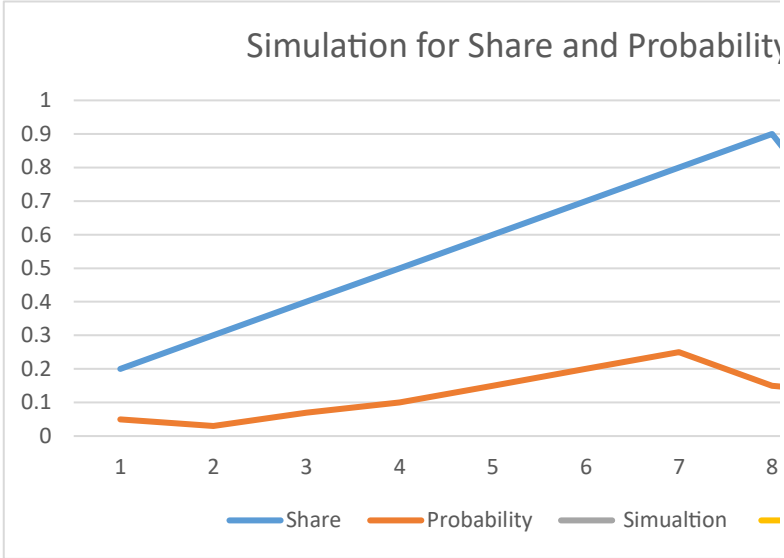
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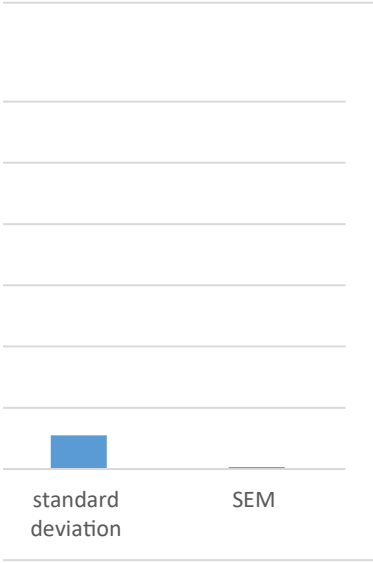


<i>DATE</i>	<i>Green Produce Demand</i>	
Mean	38519.34568	Mean 236468.2
Standard Error	158.4011613	Standard E 1521.962
Median	38519	Median 240580.5
Mode	#N/A	Mode 227899
Standard Deviation	2851.220904	Standard D 27395.32
Sample Variance	8129460.642	Sample Va 7.51E+08
Kurtosis	-1.200020945	Kurtosis -0.45966
Skewness	2.37128E-05	Skewness -0.4552
Range	9831	Range 127941
Minimum	33604	Minimum 160204
Maximum	43435	Maximum 288145
Sum	12480268	Sum 76615687
Count	324	Count 324
Largest(2)	43405	Largest(2) 287536
Smallest(2)	33635	Smallest(2) 162844
Confidence Level(95.0%)	311.6282449	Confidence 2994.211



0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.55
0.03	0.07	0.1	0.15	0.2	0.25	0.15	0.125





0.229129
0.071414

