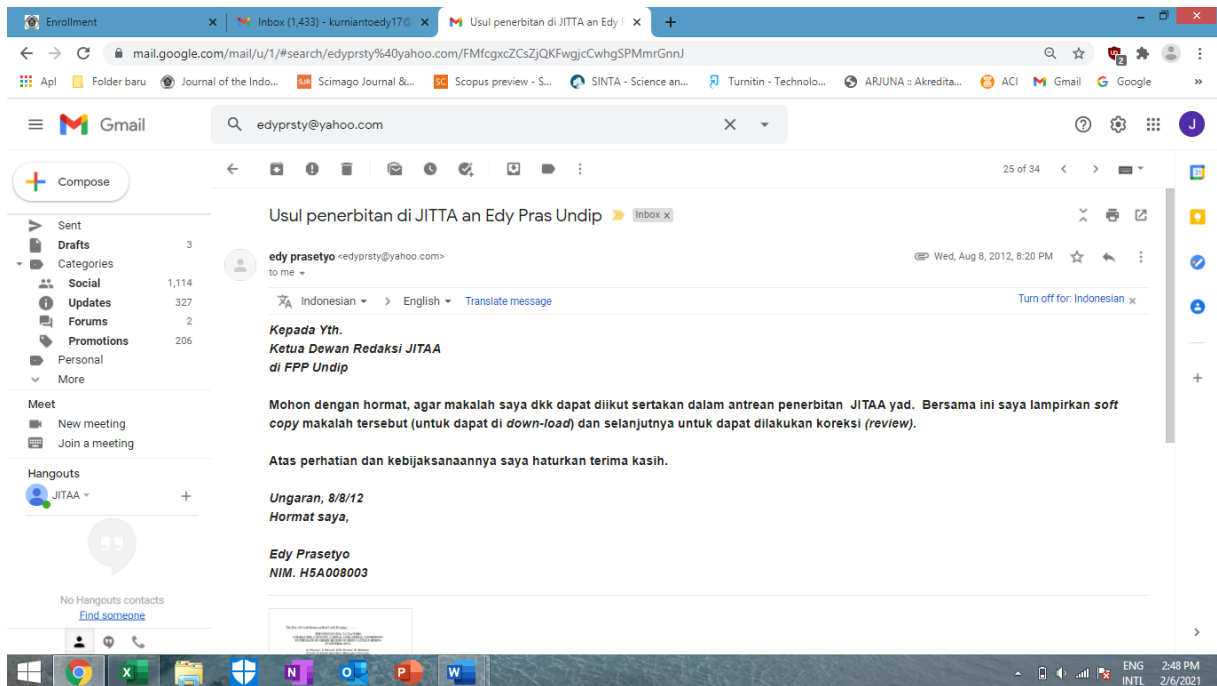


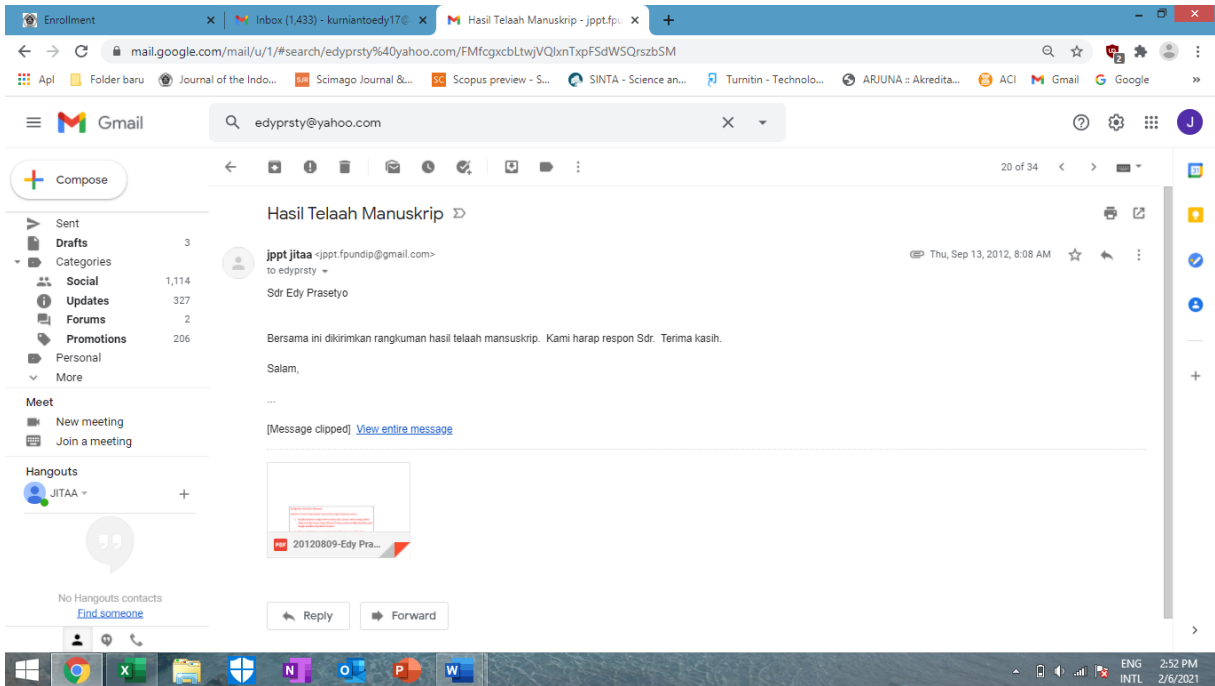
BUKTI KOMUNIKASI PENULIS DENGAN PENGELOLA JURNAL

B. Manuskrip Tahun 2012 yang berjudul "The influencing 5-C factors (character, capacity, capital, collateral, conditions) to the rate of credit return on beef cattle farming in Central Java)

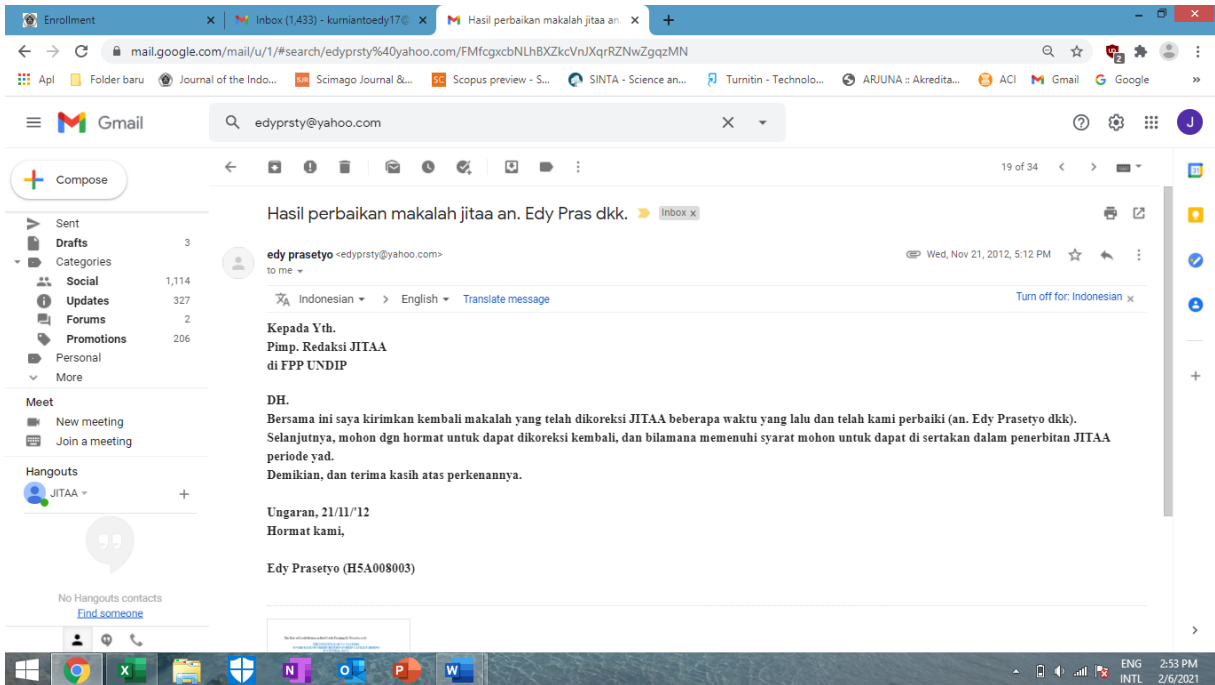
1. Tanggal 8 Agustus 2012: Pengiriman manuskrip ke JITAA



2. Tanggal 13 September 2012: Permintaan perbaikan manuskrip hasil review kepada penulis



3. Tanggal 21 November 2012: pengiriman perbaikan manuskrip oleh penulis



4. Tanggal Pengiriman proof sheet dari JITAA kepada penulis untuk diperiksa sebelum dipublikasikan

The screenshot shows a Gmail interface with the following details:

- Browser:** mail.google.com/mail/u/1/#search/edyprsty%40yahoo.com/FMfcgxcxWWtdkDtMdXrwxBDcXTPcpl
- Search:** edyprsty@yahoo.com
- Compose:** + Compose
- Left Sidebar:** Sent, Drafts (3), Categories, Social (1,114), Updates (327), Forums (2), Promotions (206), Personal, Meet, Hangouts (JITAA).
- Message Title:** Proof sheet dan biaya cetak
- From:** jppt jitaa <jppt.fpondip@gmail.com> to edy
- Date:** Sat, Jan 5, 2013, 5:44 AM
- Text:** Sdr Edy Prasetyo
Bersama ini kami kirimkan proof shee untuk dicek-ulang. Bila ada yang kurang tepat, kami harapkan informasi disampaikan secara terpisah dengan mencantumkan halaman.....kolom.....baris.....tertulis.....seharusnya.....
Selain itu kami kirimkan info biaya cetak, kami harapkan respon Sdr. Terima kasih.
- Attachments:** 2 Attachments: 10. Edy Prasetyo OK.pdf (49 KB), Edy Pras Undip-ad...
- Reply:** edy prasetyo <edyprsty@yahoo.com> to me, Mon, Jan 7, 2013, 8:00 AM

Rangkuman Komentar Reviewer

Makalah ini baik, tetapi belum layak terbit dengan beberapa alasan:

1. Pustaka/referensi sangat minim, hanya ada 2 jurnal, namun yang satunya tidak mensitasi sesuai materi (lihat L177 atau comment A18). Demikian pula dengan pustaka yang tidak reviewed.
2. Bahasa, ada beberapa yang masih perlu ditulis ulang agar lebih baik
3. Bila makalah ini adalah bagian dari Disertasi S3 ybs, mohon nama promotor diikutkan di authorship.

Saran: Perbaikan:

1. Penambahan pustaka primer (pustaka terkait, termasuk dari makalah yang telah diterbitkan di JITAA pada edisi-edisi sebelumnya ---dapat diakses di website www.jpt.undip.ac.id---)
2. Penggunaan bahasa Inggris standar (diperhatikan SPOK atau SPKK).
3. Kelayakan kepengarangan (pihak lain yang terlibat mulai perencanaan, koleksi data, analisis data sampai dengan penyusunan manuskrip) harap dimasukkan sebagai co-author.
4. Diperbaiki sesuai saran (lihat manuskrip)

1 **The Rate of Credit Return on Beef Cattle Farming**

2
3 **THE INFLUENCING 5-C FACTORS**
4 **(CHARACTER, CAPACITY, CAPITAL, COLLATERAL, CONDITIONS)**
5 **TO THE RATE OF CREDIT RETURN ON BEEF CATTLE FARMING**
6 **IN CENTRAL JAVA**

7
8 **E. Prasetyo¹, T. Ekowati¹, D.M. Yuwana², B. Mulyatno¹**

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10 *Tembalang Campus, Semarang 50275-Indonesia.*

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12 *Bukit Tegalepek, Sidomulyo, Ungaran, Central Java 50501-Indonesia*
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Comment [u1]: ????

Comment [A2]: If this paper is a part of doctorate degree, please put the advisors on the authorship

14
15 **ABSTRAK**

Comment [A3]: Masih 280 kata. Harap dikurangi menjadi maks 200 kata

16
17 Tujuan penelitian **adalah**: (i) **Menghitung** tingkat pendapatan usaha ternak sapi

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18 potong pada peternak debitur, (ii) Mengetahui kemampuan peternak dalam memenuhi
19 kewajiban pengembalian kreditnya; (iii) Mengidentifikasi peranan faktor 5 C (*Character,*
20 *Capacity, Capital, Collateral, Conditions*) dan pengaruhnya terhadap tingkat pengembalian
21 kredit. Penelitian menggunakan metode survai pada peternak rakyat (pola penggemukan dan
22 pola induk-anak) yang memanfaatkan kredit sebagai modal usahanya. Data dikumpulkan
23 dari sumber primer. Penentuan sampel menggunakan *two stage's clustered random*
24 *sampling*, pada lima wilayah kabupaten dengan populasi sapi potong terbanyak di Jawa
25 Tengah (Kabupaten Blora, Rembang, Grobogan, Wonogiri, dan Kabupaten Boyolali).
26 Jumlah sampel sebanyak 100 responden (50 responden pola penggemukan, dan 50
27 responden pola induk-anak). Analisis data menggunakan metoda statistik deskriptif
28 kuantitatif dan statistik inferensial, yang meliputi *scoring analysis*, analisis pendapatan, dan
29 analisis regresi linear berganda. Hasil penelitian menunjukkan bahwa rata-rata tingkat
30 pendapatan per-tahun pada pola penggemukan lebih besar dibandingkan dengan pola induk-

31 anak (Rp 8.954.208.00 > Rp 1.606.786.00), demikian pula kontribusinya terhadap
32 pendapatan yang berasal dari luar usaha ternak pada pola penggemukan lebih besar
33 dibandingkan pola induk-anak (49,45 % > 14,91 %.). Tingkat kemampuan pengembalian
34 kredit rata-rata sebesar sebesar 61,35 % dari rata-rata jumlah kredit Rp 22.482.510.00
35 (meliputi kredit pokok Rp 20.075.000.00 dan bunga kredit Rp 2.407.510.00). Hasil evaluasi
36 faktor 5-C, ternyata *character* dan *capacity* peternak dalam katagori cukup baik. Sedangkan
37 rata-rata *capital* sebesar Rp 14.932.500.00 dan rata-rata *collateral* (diukur berdasarkan nilai
38 jaminan kredit) sebesar Rp 58.740.000.00 serta *conditions* (dinilai dari pendapatan di luar
39 usaha ternak) adalah sebesar Rp 14.440.600.00. Pengaruh faktor 5-C terhadap nilai
40 pengembalian kredit usaha sapi potong, bahwa faktor-faktor *capital* dan *collateral*
41 berpengaruh nyata terhadap pengembalian kredit, sedangkan *character*, *capacity*, dan
42 *conditions* tidak berpengaruh nyata.

Comment [A5]: Menunjukkan bahwa...

Comment [A6]: Hindari di awal kalimat

Comment [A7]: Perlu ditulis ulang, kalimat tidak efektif/efisien

Kata kunci : Pendapatan, faktor 5-C, kredit, sapi potong, peternak rakyat.

ABSTRACT

Comment [u8]: Jumlah kata 343. Harap disusun ulang menjadi maks 200 kata (Guide for Authos)

47 The aims of this study were: (i) to count the income of beef cattle farming on debtor
48 farmers, (ii) to determine the ability of farmers as debtors in order to meet their obligation
49 for returning credit, (iii) to identify the role of 5-C factors (Character, Capacity, Capital,
50 Collateral, Conditions) and its effect on the rate of credit return. The study was conducted
51 using survey methods on beef cattle farmers (fattening pattern and cow-calf operation), who
52 use farm credit facilities. Primary data was a cross-section data which collected using
53 questioners. Sample location as area of study was determined using Two Stage Cluster

Comment [A9]: No space before [,]

54 Random Sampling method based on the beef cattle population, namely Grobogan Region,
55 Blora Region, Rembang Region, Wonogiri Region and Boyolali Region. Number of
56 respondents was 100 which consisted of 50 respondents of fattening pattern and 50
57 respondents of cow-calf operation. Data were analyzed by inferential statistic and
58 quantitative descriptive method, which consisted of scoring analysis, income analysis and
59 multiple linear regression analysis. Results of research showed that the average level of
60 income per-year in fattening pattern of beef cattle farming was greater than cow-calf pattern,
61 (IDR 8,954,208.00 > IDR 1,606,786.00), as well as its contribution to the farmers' income
62 from other sources of the livestock farming, namely in the fattening pattern was 49.45% and
63 in cow-calf pattern was 14.91%. The ability of credit return was 61.35% based on amount
64 of credit, namely IDR 22,482,510 which consisted of IDR 20,075,000 main credit and IDR
65 2,407,510 interest credit. Based on the results of 5-C factors, the character and capacity of
66 farmers were in the moderate category. While the capital measuring by farmers' ability to
67 provide capital was IDR 14,932,500.00, the collateral measuring by the value of credit
68 guarantees was IDR 58,740,000.00 and the condition measuring by income of outside
69 livestock farming was IDR 14,440,600.00. The capital and collateral factors had significant
70 effects on the value of credit return in beef cattle farming, while character, capacity, and
71 condition factors did not have significant effects on the value of credit return in beef cattle
72 farming.

Comment [A10]: Is it correct to use "pattern"?

Comment [A11]:

Comment [A12]: What does it mean??

73 Keywords : Income, 5-C factors, Credit, Beef cattle, Farmers

74

75

INTRODUCTION

76

77 Contribution of livestock Gross Regional Domestic Product on the agricultural
78 sector in Central Java is the second-largest, the first is food crops (Jawa Tengah Dalam
79 Angka, 2009). On the other hand, livestock production has been unable to meet the animal
80 food needs (except eggs). In Central Java, an indicator of livestock development is reflected
81 by the development of livestock production. The productions of meat, eggs and milk in
82 2006 to 2008 positively increased, while the development of animal protein consumption
83 was 4.73 gram/cap/day; 4.18 g/cap/day, and 4.31 g/cap/day respectively (http :
84 //disnak.jawatengah. go. id.). If the condition was compared with the consumption of
85 animal protein standardized by LIPI (Indonesian Institute of Sciences) which is 6.00
86 g/cap/day, so the livestock sub-sector still has a positive opportunity to be developed.

Comment [A13]: unclear

Comment [A14]: please rewrite.. do you mean: the second largest after food crops?

Comment [A15]: What production? Number?

Comment [A16]: Is consumption equal to production??

87 One of the important commodities of livestock sub-sector is beef cattle. Beef cattle
88 are the one of meat-producing resources that has high economic value, and has important
89 role in public life. Beef cattle have important social function in community, therefore it is
90 important to be developed (Sumadi *et al.*, 2004). Beef cattle farming are largely cultivated in
91 Central Java which spreads from the lowlands to the highlands; with an average of farm
92 scale is 2.80 head. According to Prasetyo *et al.* (2006), one of the weaknesses of the
93 livestock system is the beef cattle farmers have not commercially oriented, therefore
94 agribusiness system has not been implemented properly. The implementation marketing
95 agribusiness subsystem at the beef cattle farmers' level is in somewhat good condition,
96 which has the lowest score compared to the other subsystems (Prasetyo *et al.*, 2011). These
97 conditions will negatively impact to the income and economic efficiency in the production
98 process. One of the government's efforts to develop beef cattle farming is providing easy
99 policies to facilitate beef cattle development. One of these policies is capital that still

100 concern to low interest of credit, for example: KUPS (*Kredit Usaha Perbibitan Sapi Potong*
101 / *Credit of Cattle Breeding*) and KKPE (*Kredit Ketahanan Pangan dan Energi / Credit of*
102 *Food Security and Energy*).

103 Farming credit is a policy instrument to break the vicious circle of farming problems,
104 which are the low of income levels, the weak capital ability, the weak ability of production
105 facilities buying and the low farming productivity, these problems cause the low of profit.
106 The government has set a credit scheme that comes from banking (Permenkeu No.
107 131/PMK.05/2009), in order to encourage beef cattle farming. However, why the credit
108 program for small farmers is often considered a failure, so it is unable to solve the problems
109 of farmers' capital?

110 The aims of this study were: (i) to count the profit rate of beef cattle farming on
111 debtor farmers, (ii) to determine the ability of farmers as debtors in order to meet their
112 obligation for returning credit, (iii) to identify the role of 5-C factors (Character, Capacity,
113 Capital, Collateral , Conditions) and its effect on the rate of credit return.

114

115

MATERIALS AND METHODS

116

117 The study was focused on beef cattle farming, and the elementary units were farmers
118 as a credit debtor in Central Java (especially in Grobogan, Blora, Rembang, Wonogiri, and
119 Boyolali region). It was needed to collect empirical data from primary sources and
120 secondary source, so the result of study can represent real condition. Then, data processing,
121 data analyzing, and discussion could be conducted. This study was conducted in April –
122 November 2010.

123 The study was conducted using survey methods, and the farmers as respondents.
124 Primary data was a cross-section data collected using questioners. Sample as object of study
125 was determined using Two Stage Cluster Random Sampling method (Singarimbun and
126 Effendi, 1995). The primary units were five regions (Grobogan, Blora, Rembang, Wonogiri,
127 and Boyolali region); while the secondary units were farmers who use farm credit facilities.
128 The population of farmers was selected by random sampling. The number of respondents in
129 each region was 20 respondents (10 fattening pattern and 10 cow-calf pattern farmers), so
130 the number of samples in 5 regions was 100 respondents.

131 The ability of farmers as a debtor in a credit return was calculated using the formula:

132 $ACR = (Mcr + Icr)$

133 Note :

134 ACR : The ability of credit returns (IDR).

135 Mcr : Main capital return (IDR).

136 Icr : Interest of capital return (IDR).

137

138 The conditions of 5-C factors (Character, Capacity, Capital, Collateral, Conditions) at
139 the farmer level were analyzed using descriptive qualitative as follows: (i) Character is the
140 commitment of farmers in order to repay the loan. According to Riyanto (1995), character
141 indicates the possibility of customers to be honest attempt to meet their obligations. Edillius
142 (1994) stated that character is a moral aspect that needs to be assessed, especially with the
143 motivation to repay the loans. In this study, the character was analyzed using score; (ii)
144 Capacity is the productivity of beef cattle produced by farmers that receive business loan for
145 a year. Unit of measurement is body weight gain of beef cattle or number of calf, (iii)
146 Capital is a farmer's capital for running beef cattle farming for a year. The Unit of
147 measurement is IDR; (iv) Collateral is guarantee that is converted in the value of money
148 handed over to the executor bank as a consequence of receiving bank credits (as debtor).

149 Unit of measurement is IDR, (v) Condition is another factor that has relevance to the
150 repayment of credit, which is farmers' revenue not included to beef cattle farming. Unit of
151 measurement is IDR. The influencing of 5-C factors to the rate of credit return ability on
152 farmers was analyzed using Multiple Linear Regression (Ghozali, 2007).

153

154 RESULTS AND DISCUSSION

155

156 Characteristics of Beef Cattle Farming

157

158 Beef cattle farming is a class of agricultural on an animal husbandry enterprise which
159 is practiced many farmers (Ekowati, et al., 2011). The average number of beef cattle
160 cultivated by a farmer was 2.68 head (2.96 head fattening pattern and 2.40 head cow-calf
161 pattern). Forty nine percent of beef cattle farm was sideline farm which is consist of 52.00%
162 fattening pattern and 46.00% cow-calf pattern. Besides that, the other purposes were semi-
163 commercial farm (31.00%) and commercial farm (20.00%). These conditions caused the
164 farmers have not obtain income optimally. The technology of beef cattle farming
165 implemented by farmers was traditional, amount to 38.00% (32.00% fattening pattern and
166 44.00% cow-calf pattern). Forty-eight percent of farmers already used the intensive
167 technology in fattening pattern, whereas 48.00% farmers used semi-intensive technology in
168 cow-calf pattern. Based on the status of beef cattle farm showed that 91.00% beef cattle
169 were owned by farmer (94.00% fattening pattern and 88.00% cow-calf pattern). The main
170 reason of beef cattle farm was saving, so farm owner was more dominant than the other
171 patterns. The dominant of beef cattle which cultivated by farmer was Ongole Crossbred

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Comment [A20]: How was this category determined? Please show in methods

172 (OC) (56.00%), and then followed by Simental (33.00%), Limousine (7.00%) and Brahman
173 (4.00%). Meanwhile, the dominant fattening of beef cattle farm was Simental (57%) and
174 cow-calf was OC (82%). OC is a race of beef cattle that much preferred by farmers,
175 because OC is easier to be maintained than other races, although it is difficult to produce
176 high body weight gain if cultivated as beef cattle fattening. Hardjosubroto (1994) in Lestari
177 *et al.* (2011) reported that Ongole Crossbred cattle are originated from Java cattle and
178 Sumba Ongole cattle. The dominant type of cage was semi-permanent (49.00%), and then
179 followed a simple type (27.00%) and permanent type 24.00%. The dominant type of cage
180 was a permanent type (44.00%) in fattening pattern and semi-permanent type (68.00%) in
181 cow-calf pattern. This condition was reasonable as cow calf pattern was handed down from
182 generation to the other even though it was not the main purpose of beef cattle farming.
183 Based on the sale of livestock products, mostly targets were middle-man (36.00%), animal
184 market (25.00%), slaughter-man (23.00%), and commission-man (16.00%).

Comment [A21]: This reference is not strongly connected with the matter discussed. Please avoid.

185 Based on livestock productivity can be known that : (i) in fattening pattern, the
186 average of body weight gain was 0.68 kg/day with 8.18 months of fattening, (ii) In the cow-
187 calf pattern, the number of calf produced was 0.88 head of cattle/bread/ year.

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189 Identification Credit of the Beef Cattle Farming

190
191 Beef cattle credit was facilitated by a variety programs, these programs were KKPE
192 (*Kredit Ketahanan Pangan dan Energi / Credit of Food Security and Energy*), KUPS (*Kredit*
193 *Usaha Perbibitan Sapi Potong / Credit for Cattle Breeding*), CSR (Corporate Social
194 Responsibility) etc. The dominant credit programs were KKPE (69, 00%) and KUPS

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195 (10.00%), while the other loan programs had small percentage (<10.00%). Financial
196 institutions as implementers of credit were BRI (*Bank Rakyat Indonesia*) (65.00%), *Bank*
197 *Jateng* (11.00%) and other banks (<10.00%). The credit guarantees were land certificate
198 (87.00%), no collateral (12.00%), and others (1.00%). In fattening pattern, the average of
199 guarantee value was IDR 72.280.000 and the average of credit value was IDR 22.712.000,-.
200 In cow-calf pattern, the average of guarantee value was IDR 45.200.000 and the average of
201 credit value was IDR 17.048.000,-. Interest credit rate was below than interest of common
202 rate, which the average was 6.87% / year. This condition was expected to have a positive
203 impact on the existence of beef cattle farming

204

205 **The Income of Beef Cattle Farming**

206

207 Based on the results of data analysis, the value of production costs, revenues and
208 income of the beef cattle farming were presented in Table 1.

209 Based on Table 1, the income of fattening pattern with 2.96 head and 8.18 months
210 time operation was IDR 6,103,786.00, and the income of cow-calf pattern with 2.40 head
211 was IDR 1,606,782.00/year. That condition showed that the fattening pattern was more
212 favorable than the cow-calf pattern of beef cattle farming. Based on Provincial Minimum
213 Wage (PMW) in Central Java, the value of fattening pattern beef cattle farming's income
214 was better than the cow-calf pattern's, because the income of fattening pattern was greater
215 than PMW in Central Java (IDR 746,184.00 > IDR 675,000.00) and income of cow-calf
216 pattern was smaller than PMW in Central Java (IDR 133,899.00 < IDR 675,000.00). The

217 result of beef cattle income reflected that the cow-calf pattern with 2.40 head didn't have
218 better advantages compared to PMW and has not been worth to be cultivated.

219 The contribution of fattening pattern's income was 49.45%, while contribution of
220 cow-calf pattern's income was 14.91%, compared to total income of farmhouse hold.
221 According to Rahmanto (2004), the contribution of fattening beef cattle farming income was
222 only 10-15 percent. This condition indicated that the beef cattle farming had an important
223 role to generate total income of farmhouse hold.

224

225 **The Ability of Credit Return**

226

227 The average rate of credit return to total of credit on beef cattle farming was
228 presented in Table 2.

229 Based on Table 2, both pattern of beef cattle farming had the ability 61.35% to
230 installment payment from the average number of credit amount to IDR 22,482,510.00 which
231 was consist of capital amount to IDR 20,075,000.00 and interest of credit amount to IDR
232 2,407,510.00. Meanwhile, the result of farm pattern partially analysis was:

233 ▪ In fattening pattern, the average farmer had the ability to installment payment of
234 credit amount to 67.22% from the average number of credit that amount to IDR
235 25,797,920.00 which consisted of IDR 23,112,000.00 capital and IDR 2,685,920.00
236 interest.

237 ▪ In cow-calf pattern, the average farmer had the ability to installment payment of
238 credit amount to 55.49% from the average number of credit that amount to IDR

239 19,167,100.00 which consisted of IDR 17,038,000.00 capital and IDR 2,129,100.00
240 interest.

241

242 **Identification of the Role of 5-C Factors**

243

244 Identification of the implementation of 5-C factors (character, capacity, capital, and
245 collateral, conditions) to credit return on farmer was presented in Table 3.

246 Character is farmers' commitment to installment payment of credit, which was
247 reflected to the moral aspect. Character indicates the level of farmers' honesty in order to
248 meet their obligations. Based on the result of research, character of farmers in fattening
249 patterns, cow-calf pattern, and both was in the moderate category; with the score was 3.37,
250 2.93, and 3.15 respectively. The fattening pattern farmers had better character than cow-calf
251 pattern farmers ($3.37 > 2.93$).

252 Capacity is the sum of the livestock product per year. Capacity of fattening pattern
253 farmer was identified by the body weight of cattle and the capacity of cow-calf pattern
254 farmer was identified by the number of calf. Based on the result of data analysis, the
255 capacity of farmers was in the moderate category, the score was 2.68 on fattening pattern,
256 2.70 on cow-calf pattern and 2.69 on overall average. The average value of capital owned by
257 farmers in conducting livestock farming on fattening pattern was higher than cow-calf
258 pattern, namely IDR 21,535,000.00 > IDR 8,330,000.00, while the overall average was
259 IDR 14,932,500.00. The capital owned by fattening patterns farmers was great enough,
260 because production cost of fattening pattern was greater than production cost of cow-calf
261 pattern. The converted value of credit collateral in the value of money on fattening pattern

262 was also greater than cow-calf pattern, namely IDR 72,280,000.00 > IDR 45,200,000.00
263 while the overall average was IDR 58,740,000.00. Collateral is the guarantee that is
264 converted in the value of money handed over to a financial institution or a banking
265 executive as a consequence of receiving credit. Conditions is reflected by the income
266 derived from outside livestock farming which in fattening pattern was greater than cow-calf
267 pattern, namely IDR 18,106,000.00 > IDR 10,775,200.00 while the overall average was IDR
268 14,440,600.00. Based on the values of 5-C factors, generally indicated that the fattening
269 pattern farmers had greater value than the cow-calf pattern farm.

270

271 **The Influencing of 5C Factors to the Rate of Credit Return**

272

273 Based on multiple linear regression analysis, the influencing of 5C factors to the rate
274 of credit return (fattening pattern and cow-calf pattern) was obtained the following results:

275 1. The formulation as a probe the influencing of 5 C factors to the value of credit return
276 was:

$$277 Y_{ACR} = -9,880 + 3,966 Char + 0,145 Cpct + 0,238 Cptl + 0,144 Coll$$
$$278 - 0,076 Cond + e$$

279

Comment [A27]: Please check, dot [.]
or comma [,]

280
281 Note: Y_{ACR} = The Ability to credit return (%)
282 Char = Character (score)
283 Cpct = Capacity (score)
284 Cptl = Capital (IDR)
285 Coll = Collateral (IDR)
286 Cond = Condition (IDR)
287
288

289 Based on this equation, it was indicated that character, capacity, capital, and collateral
290 factor had positive correlation to the value of credit return, while condition factor had
291 negative correlation to the value of credit return.

292 2. Based on Goodness of fit test of regression equations, including simultaneously
293 parameter significance test, partially parameter significance test and coefficient of
294 determination can be described as follows:

- 295 ▪ Simultaneously, 5-C factors had significant effects on the value of farmers' credit
296 return.
- 297 ▪ Partially, capital and collateral factors had significant effects on the value of
298 farmers' credit return, while character, capacity, and condition factors did not have
299 significant effects on the value of farmers' credit return.
- 300 ▪ The coefficient of determination was 0.473. It can be interpreted that 47.30% of
301 variations of 5-C factors can explain the variations on credit return factor, while
302 52.70% variations of 5-C factors can be explained by the other factors which were
303 not included in model.

Comment [A28]: Do not write in pointers, just write down as paragraph

304 From this analysis, it can be interpreted that the greater the value of credit collateral
305 and the value of capital owned by farmers, the greater the value of credit return must be
306 paid. So the creditors need to pay attention to capital and collateral factors in order to give
307 credit.

308

309

CONCLUSIONS

310

- 311 1. The average level of income per-year in fattening pattern of beef cattle farming was
312 greater than cow-calf pattern, (IDR 8,954,208.00 > IDR 1,606,786.00), as well as its
313 contribution to the farmers' income from other sources of the livestock farming, namely
314 in the fattening pattern was 49.45% and in cow-calf pattern was 14.91%. The Value of

315 farmers' income on fattening pattern was greater than cow-calf pattern, and it was also
316 greater than the value of PMW Central Java.

317 2. The ability to credit return was 61.75 % from the amount of credit IDR 22,482,510.00
318 which was consist of capital IDR 20,075,000.00 and interest IDR 2,407,510.00.

319 3. Based on the results of 5-C factors, the character and capacity of farmers were in the
320 moderate category. While the capital measuring by farmers' ability to provide capital
321 was IDR 14,932,500.00, the collateral measuring by the value of credit guarantees was
322 IDR 58,740,000.00 and the condition measuring by income of outside livestock
323 farming was IDR 14,440,600.00

324 4. Generally, the capital and collateral factors had significant effects on the value of credit
325 return in beef cattle farming, while character, capacity, and condition factors did not
326 have significant effects on the value of credit return in beef cattle farming.

327

Comment [A29]: Do not write as pointers, please rewrite

Comment [A30]: Please check, is it no acknowledgements?

Comment [A31]: Poor references used. Only 2 (two) journals

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373 LIST OF TABLES:

374

375 **Table 1. Farm Scale of Beef Cattle, Cost of Production, Revenue,**
376 **And Income of Beef Cattle Farming**

377

Components	Farm Pattern		Average
	Fattening	Cow-calf	
Farm scale (head)	2.96	2.40	2.68
Time operation (month)	8.18	12.00	10.09
Cost of production			
▪ Fixed cost (IDR)	831,500	390,728	611,114
▪ Variable cost (IDR)	26,935,274	6.161,550	16,548,412
Revenue :			

▪ Beef cattle (IDR)	33,356,510	6,465,600	19,911,055
▪ Manure (IDR)	514,050	1,768,460	1,141,255
Income (IDR)	6,103,786	1,606,786	3,855,286
Income/month (IDR)	746,184	133,899	440,042
Total income from other sources (IDR/year)	18,106,000	10,775,200	14,440,600

Source : Primay Data Analysis, 2011.

Comment [A38]: Is this your own data or not? If not, so this paper should be rejected

Tabel 2. The Average of Beef Cattle Credit Installment Payment

Components	Farm Pattern		Average
	Fattening	Cow-calf	
Amount of credit (IDR) :	25,797,920	19,167,100	22,482,510
▪ Capital (IDR)	23,112,000	17,038,000	20,075,000
▪ Interest (IDR)	2,685,920	2,129,100	2,407,510
Installment payment (IDR) :	17,341,920	10,636,300	13,989,110
▪ Capital (IDR)	15,532,000	9,554,000	12,543,000
▪ Interest (IDR)	1,809,920	1,042,300	1,426,110
The ratio of Installment payment to the amount of credit (%)	67.22	55.49	61.35
Period of credit (month)	20,28	24,24	22,26

Source : Primary Data Analysis, 2011.

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Comment [A40]: Is this your own data or not? If not, so this paper should be rejected

Tabel 3. The Average Value of 5-C Factors on Beef Cattle Farmers

5C Factors	Farm pattern		Average
	Fattening	Cow-calf	
Character (score)	3.37	2.93	3.15
Capacity (score)	2.68	2.70	2.69
Capital (IDR)	21,535,000	8,330,000	14,932,500
Collateral (IDR)	72,280,000	45,200,000	58,740,000
Conditions (IDR)	18,106,000	10,775,200	14,440,600

Source : Primary Data Analysis, 2011.

Comment [A41]: Is this your own data or not? If not, so this paper should be rejected