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A Study in Attitudes Shaping Cooperative Leadership

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Abstract

Cooperatives are a unique type of business because of linked and close roles performed by three main groups of stakeholders: members-owners, directors and managers. Cooperatives differ from other corporations because the producers-members-owners and directors who control the cooperative are composed of the same set of people, thus the members of the board are shareholders themselves. This special dynamic creates a unique situation in terms of the relationship between the board of directors, which exerts ownership control, and the manager who exerts managerial control. Success of a cooperative mainly depends on good board - manager relationships. This study focused on an evaluation of the relationship between the board of directors and managers. Data were gathered through a survey to the general managers and the chairmen of agricultural cooperatives in Texas. The coordinated responses of the board chairmen and managers from the same cooperatives were analyzed. This study examined variables such as organizational commitment, loyalty, teamwork, strategy, and communication between the board and managers. Furthermore, the study observed the differences in perceptions of priorities of certain matters. In addition, characteristics that directors and managers valued the most about each other were reported. The findings indicated that managers behaved as stewards and good players in a cooperative game as they reported high fulfillment and commitment to their cooperatives. In addition, both managers and chairmen reported a high level of satisfaction with their relationship. However, they both required more communication with each other.

Introduction

A cooperative is a user-owned and user-controlled business that is owned by and controlled for the benefit of its agricultural producer members. Cooperatives are distinctive businesses compared to proprietorships, partnerships, and other corporations. Every business has stakeholders: owners or investors, employees, patrons or customers, and stakeholders such as creditors and suppliers. Any person or business can be all four types of stakeholder but there is no direct or necessary relationship between these key roles. Nevertheless, in a cooperative these roles are very closely attached and this relationship is one of the most essential distinctive features of a cooperative (Cobia, 1989).

An overview of cooperative management

A cooperative is a unique type of business because of the linked and close roles performed by three main groups of stakeholders: member-owners, directors and managers.

Members

Cooperatives are created and controlled to serve members' needs (Baarda, 2003). A cooperative operates mainly to provide benefits to members through transactions and through a distribution of patronage earnings from these transactions (Cobia, 1989). Members become owners of the cooperative by providing equity capital; they patronize the cooperative and exercise ultimate control by governing the cooperative (Kenkel and Park, 2011). Members control cooperatives, elect the board of directors, and vote on main policies. Members may receive a rewarding payout in terms of higher prices for their product, lower input prices or better marketing channels (Gentzoglanis, 1997). Cooperatives are popular among farmers because they can pool their financial resources and perform business activities through a cooperative that they could not individually perform with the same economic efficiency (Cobia, 1989).

Board of directors

In some circumstances, members vote directly on a cooperative issue, but members generally elect the board of directors to be their representatives. Members place their trust and authority in the board of directors they elect (Baarda, 2003).

A cooperative board of directors must understand and guide members' expectations for the cooperative (Cobia, 1989). Being a good director of a cooperative is not simple because directors make decisions that affect the cooperative and all of its members. Directors should make decisions for the cooperative in a way that they reasonably believe to be in the best interests of the cooperative. To represent members successfully, directors should know what members need and desire, and understand the strengths and weaknesses of the cooperative. They should be aware of the cooperative's resources, capabilities, and its employees so they can be used to the members' best advantage. Directors also need to provide accurate and complete information to their members so that they can make decisions about their cooperative and understand whether it is successful (Baarda, 2003).

Management

Whether it is a cooperative or an investor-oriented firm (IOF), the effectiveness of management determines the success or failure of any firm (Cobia, 1989). Management skills and decision-making skills play an important role and are often treated as synonymous. A successful cooperative manager, besides the skills of an IOF business leader, needs to possess four additional qualifications (Cook, 1994). First, managers need to be comfortable with vagueness, complexity, and conflict. Second, managers need to concentrate more planning efforts on developing entrepreneurial and operating abilities rather than portfolio-related objectives. Third, communication and leadership skills are important, and becoming a professional spokesperson for members is an imperative. Finally, a cooperative manger must be comfortable with building coalitions, consensus, and inter-member loyalty, which are key components in developing group cohesiveness (Cook, 1994).

Board-management relations

Directors are part of a team which includes not only the board of directors, but management and, most importantly, the cooperative's members. One of the most important decisions that a board makes is selection of management (Cobia, 1989). Board members hire a general manager to whom they delegate the responsibility and authority to make and perform the operational decisions of the cooperative (Cobia, 1989). Decision-making responsibilities vary from one cooperative to another and often the board and the manager make decisions jointly. Board decisions often require input from managers, and in turn, managers in many circumstances request board input before making a management decision (Cobia, 1989).

The essence of cooperative management is to pursue goals and determine the best way to achieve them. Management problems can arise from a lack of teamwork, cooperation, or communication among directors, and managers (Cobia, 1989). Managers should keep all parties adequately informed about cooperative plans, policies, and strategies because sharing information and their effective use may enhance productivity of the firm as well as its financial performance.

A good working relationship between the board of directors and managers is vital for cooperatives; however, the relative responsibilities of the board and the managers create tensions about roles and responsibilities (Baarda, 2003). Boards of directors and management frequently struggle with the division of duties, supervision, and operational detail between the board and management. Conflicts or adversarial relationships, lack of necessary management skills, or pursuit of different goals among the members of the management team may create severe issues in cooperatives (Cobia, 1989). These issues can be disadvantageous to the cooperative if conflicts are not resolved agreeably (Cobia, 1989). To prevent such problems, a clear understanding of responsibility, authority, and accountability in the cooperative is essential. The success of a cooperative mainly depends on a good board-manager relationship which requires respect and an understanding of each other's responsibilities and authorities (Cobia, 1989). If cooperative directors and managers wittingly try to avoid some of these managerial difficulties, their chances for success will likely be much greater, other things equal.

An overview of cooperative management provides fundamental knowledge about the roles, responsibilities, and relations in agricultural cooperatives. The key factor that makes cooperatives different from other types of businesses is that the members-owners and directors who control the cooperative are composed of the same set of people. The producers are the members-owners and the producers set on the board of directors, thus the members of the board are shareholders themselves. This creates a slightly different dynamic than in IOFs, where directors may be from outside the firm and act on behalf of shareholders but are not necessarily shareholders themselves. Sometimes, even managers are members themselves in cooperatives. This special dynamic creates a unique situation in terms of the relationship between the board, which exerts ownership control, and the manager who exerts managerial control. Thus, the success of a cooperative depends on good board - manager relationships.

Whether it is a cooperative or an IOF, the ultimate purpose that all stakeholders wish to achieve is the financial performance of the firm. This performance is affected by the relationship between the stakeholders. In cooperatives, this relationship depends on how well the board exerts control, how well a manager executes plans, how plans are communicated from the members-owners to the managers, how the objectives of members, directors and managers are harmonized, and how often the board and managers are engaged in strategic planning.

Although cooperatives have been studied extensively, little empirical research is available on the relationship between the board of directors and managers in agricultural cooperatives. Given the unique role of the manager-director relationship in cooperatives and their large role in agriculture, understanding those relationships is essential. The primary objective of this research was to evaluate the relationship between the board of directors and management in agricultural cooperatives. Specific objectives of the study were to determine the cohesiveness, consistency of objectives, and priorities between the managers and the board of directors as well as examine the differences in their perceptions of certain matters.

Conceptual framework

Whether it is an IOF or a cooperative, a number of management theories have been generally accepted and broadly used to explain corporate management behavior. By the 1980's new economic theories, decision models, and new approaches such as game theory, managerial hegemony theory, agency theory, transaction cost theory, and property rights theory were developing.

Although agency theory is mainly used to explain manager-owner relationships and managerial behavior in corporations, it may not be applicable to cooperatives. According to agency theory, managers are seen as self-interested agents who are rationally maximizing their own personal economic gain. Cooperative managers tend to have a strong relationship with the cooperative, thus they do not necessarily have the adversarial relationship with the owners-members, as in an IOF. Moreover, sometimes managers are themselves members of the cooperative. Hence, the key question would be

"who is the principal and who is the agent" in this setting? Therefore, agency theory may not be applicable to cooperatives.

In contrast to agency theory, stewardship theory argues that managers are motivated by "a need to achieve, to gain intrinsic satisfaction through successfully performing inherently challenging work, to exercise responsibility and authority, and thereby gain recognition from peers and bosses" (Donaldson, 1990). This theory views agents as good stewards and team players and replaces assumptions of opportunism and conflict of interest with those of cooperation and coordination (Donaldson, 1990). Moreover, managers identify themselves with the corporation, particularly if they have served there with long tenure and have formed its direction (Donaldson and Havis, 1991). The general manager desires to do a good job, to be a good steward of the corporate assets by merging individual ego with the corporation, consequently melding individual self-esteem with corporate prestige (Donaldson and Havis, 1991). Power and authority are concentrated in the board of directors and there is a clear understanding of who has authority or responsibility over a particular matter. Likewise, the expectations about corporate leadership will be clearer and more consistent for both managers and for members of the corporate board when the board exercises complete authority over the corporation (Donaldson and Havis, 1991). The organization will enjoy the benefits of harmony of direction and of strong command and control. Therefore, stewardship theory supports facilitative, empowering structures, and holds that union of the incumbency of the roles of the board and managers will enhance effectiveness and produce, as a result, superior returns to shareholders (Donaldson and Havis, 1991). The stewardship theory might possibly be a better explanation why managers behave in the best interest of the cooperative. Several elements of stewardship theory were examined in the methods and results sections.

The theory of cooperative games is used to model situations in which there are benefits from joint action by a potential coalition of players. Game theory assumes that each player has an invariable set of preferences (Staatz, 1987). Sometimes, individual participants in farmer cooperatives are faced with incentives that may persuade them to behave in a way that is not consistent with the welfare of the cooperative as a whole. In reality, members, boards of directors, and cooperative managers may have a wide set of objectives they are attempting to achieve (Ladd, 1982).

The elementary insights gained from game theory can assist in understanding how cooperatives must deal with several issues, especially cost allocation (Cobia, 1989). The board of directors and management need to decide how to allocate the costs and benefits among the membership (Staatz, 1983). Cooperatives create and distribute value to their customers and owners. The member acts as a user and a customer at the same time which generates tension in creating and allocating economic benefits (Kenkel and Park, 2011). Although the patrons own the cooperative, they employ the board of directors to supervise the cooperative's management and operation. The board of directors and management establish goals and objectives (Cobia, 1989).

Cooperatives face many decisions in which preferences of the members, management and the board of directors may differ (Staatz, 1983). Individual farmers may want to expand production when farmer-members as a group would benefit if output

were restricted. Managers may not behave as stewards, and may desire to obscure their activities from the board through the manipulation of information. Members are concerned with the full return for their products, including the value of patronage refunds, while managers may be concerned about their compensation. The effectiveness of the board's intervention becomes a critical determinant for the decision outcome in situations that involve a conflict of interest between management and members (Hendry and Kiel, 2003). Furthermore, individual board members may attempt to use their positions to pursue their own interests rather than to improve the welfare of the members (Staatz, 1987). To respond to this problem, most organizations attempt to communicate an organizational ideology that consists of shared norms and beliefs that tend to reduce the divergence between individual and group goals (Roberts, 1975).

Representing a three-player game in the form of a payoff matrix (Table 1.1) is complex, because three sets of stakeholders need to make a decision whether to cooperate or defect, while directors have a choice whether or not to follow the members' decisions. This approach resembles a subgame between the members and the directors because directors may or may not reflect the members' desires and needs. The basic assumption of this study is that directors follow suggestions from their members; therefore, directors' choices reflect the members' choices.

Table 1.1 Payoff matrix for a three-player game

		Members			
		Coope	rate	Defe	ect
		Board		Boar	rd
		Cooperate	Defect	Cooperate	Defect
Manager	Cooperate	(a, b, c)	(a, 0, b)	(c, a, b)	(a, c, b)
	Defect	(b, 0, c)	(b, c, a)	(0, b, a)	(b, c, 0)

Where 0, a, b, and c are the payoffs.

Given that this study was focused on the relationship between the board of directors and managers, a two-player game in which the players were the board of directors on the one hand and the general manager on the other was presented. This game differed from the prisoner's dilemma as players were allowed to bargain and communicate about their strategies.

A prisoner's dilemma is a game in which each player has two possible strategies, cooperating with the other player or defecting and acting independently (Staatz, 1983). Optimal Nash equilibrium solutions are only possible when there is pre-game communication between players. In a prisoner's dilemma however, the players are not allowed to communicate with one another and make binding commitments regarding mutually beneficial joint strategies. Moreover, the prisoner's dilemma is considered as an isolated game, played only once by the participants, thus the players have no concerns about developing or preserving their reputations as reliable partners (Staatz, 1983).

To obtain benefits from acting jointly, a successful cooperative action is required; that is, the group members must communicate and bargain, as well as compromise (Cobia, 1989). To achieve the social optimum for the cooperative, that is better performance that translates into higher profitability, the board and the manager need to cooperate which is represented in the top left quadrant in the payoff matrix, where the strategies of the two players are the same (Table 1.2). Therefore, communication about their strategies and objectives becomes the key element in this game. If the preferences and objectives of all the players are consistent, conflict will not arise and the social optimum for the cooperative would potentially be reached even without coordination. However, in reality, members, boards of directors, and cooperative managers may have different objectives they are attempting to achieve (Ladd, 1982). The managers and the members may have opposing interests and they have divergent objective functions in terms of payoffs and costs, or managers may have compensation concerns while directors may be concerned about the rates of return.

Unlike in prisoner's dilemma where communication is not permitted, in cooperative games, players (board and managers) are allowed to communicate, make binding commitments with one another, and evaluate different outcomes in terms of the utility derived from them; therefore the social optimum can be reached (Table 1.2).

Table 1.2 Generalized form of the game, with payoffs in expected utility

		Board		
	_	Cooperate	Defect	
Manager	Cooperate	(m_{11}, b_{11})	(m_{12}, b_{21})	
	Defect	(m_{21}, b_{12})	(m_{22}, b_{22})	

Where
$$m_{21} > m_{11} > m_{22} > m_{12}$$
 and $b_{21} > b_{11} > b_{22} > b_{12}$

A basic assumption of the analysis of this study is that players participate in collective action because there are benefits in joint, as opposed to individual, actions and the joint utility exceeds the individual utilities. These benefits are represented by a super additive characteristic function that illustrates the minimum level of payoffs that any potential coalition of players can guarantee itself (Staatz, 1983). Mathematically, super additivity of the characteristic function is expressed as follows:

For any two disjoint sets M and B in the set N (M, B \subseteq N, M \cap B = 0), the characteristic function V is super additive if the sum of the characteristic functions of M and B is a proper subset of the characteristic function of their union:

$$V(M) + V(B) c V(M u B)$$
 (1)

This means that M and B can always gain at least as much in total by working together as they can by working independently (Staatz, 1983). M and B will work together if the total payoff to M and B is greater than the sum of the payoffs that would result from their individual actions and if both M's and B's individual payoffs of the joint

work are greater that the payoffs each could achieve by acting individually (Staatz, 1983). To achieve that, M and B must communicate with one another in order to create the complimentary effect that generates return to both players, which further translates into higher return of cooperative or better financial performance.

Based on the assumptions of stewardship and game theories, there is a reason to believe that as long as managers act as stewards or "good players", the joint action will yield mutual benefits. The relationship between the board and managers is crucial, as they act together as a team in making important decisions about distribution of cost and benefits. Even though the objectives of the players may differ, pre-game communication may harmonize the goals and help reach the social optimum while resulting in lower cost for the players of the game. With a high level of communication, players are able to negotiate inside this game theoretic framework and they are more likely to reach the solution. As a result, the cooperative will enjoy the benefits of harmony of direction and of command and control as proposed by stewardship theory. Finally, the union of the board's and managers' roles will enhance effectiveness and produce, as a result, higher returns to shareholders.

Methods

Design of the survey and pretesting

In order to address the issues raised in the previous sections, data were collected on individual agricultural cooperatives. This research primarily focused on the relationship between the stakeholders in cooperatives; therefore, the study required perspective from both managers and representatives of the members. Given that it was not possible to obtain responses from every member-owner of the cooperative, the focus was on the board of directors who represented the members. Even with a smaller group of directors it was challenging to obtain responses from all members on the board of directors, thus the chairman of the board of directors was chosen as the elective spokesman for the board. Therefore, the survey was administered to both the general manager and board chairman of the cooperatives. The questionnaires were developed with two objectives. The first objective was to gather information that answers the questions raised in previous sections. The second objective was to incorporate the questions that were relevant to the participants to whom this research was targeted.

In collaboration with the Texas Agricultural Cooperative Council (TACC), we attended several meetings and conferences of the board of directors and managers. The purpose was to interact with the participants and audit discussions about their topics of interest and concern. In addition, to enhance the awareness of this study and thus increase the number of participants, this research was presented at the Managers Conference held July 9-11, 2014 in Ruidoso, New Mexico and the Board Conference held July 23-25, 2014 in Ruidoso, New Mexico. At these two conferences, the relevance of this study was clarified by emphasizing the benefits for participants. Additionally, managers and chairmen were individually asked to review the preliminary survey instrument. It was important to pretest a set of questions and ask for the advice and opinions of the participants as their feedback provided additional information on questions that interested

them. Lastly, the survey was finalized and administered to both the general managers and the chairmen of the cooperatives who were members of the TACC.

Survey administration

The survey was administered to two parties, the general managers and the chairmen, as representatives of the board of directors, across 148 agricultural cooperatives in Texas. The focus was on both the general manager and the chairman of the same cooperative, thus 296 individuals were surveyed (148 managers and 148 chairmen). After the conferences, two questionnaires, one for the general manager and another one for the board chairman, were sent via mail to 148 agricultural cooperatives. Most of the questions in the two questionnaires were the same. However, several questions were different as they were tailored to two different pools of participants. The questionnaire for the general manager (the final survey can be found in Appendix A) and a self-addressed, postage paid envelope were placed into one envelope and were mailed to the general manager. The questionnaire for the board chairman (the final survey can be found in Appendix B) and a self-addressed, postage paid envelope were placed into another envelope and were mailed to the chairman of the same cooperative.

The managers and the chairmen from cooperatives in the Lubbock, Texas area were personally interviewed at their cooperatives, instead of mailing out the survey. Appointments were scheduled with both the general manager and the chairman of the same cooperative and interviews took place at their cooperative. In order to protect confidentiality and privacy of participants, the interviews were placed at different times so that one party was not able to hear the answers of the other party.

Results

This study focused on analysis of paired, coordinated responses from the manager and the chairman of the same cooperative. The survey was sent to 148 agricultural cooperatives in Texas; thus, there were 296 individuals, 148 managers and 148 chairmen. In total, 78 individuals filled out the survey, 48 managers (44 males and 4 females) and 30 chairmen (all males). Therefore, the managers' response rate was 32.43%, while the chairmen's response rate was 20.27%. In order to explore the relationship between the manager and the chairman of the same cooperatives, this study focused on analysis of paired, coordinated responses. There were 30 agricultural cooperatives from which responses from both the general managers and the chairmen were obtained.

The age distribution (Table 1.3) indicates a majority of managers (64%) and chairmen (94%) are over 50 years old, suggesting significant experience in cooperative business.

Table 1.3 Comparison of the managers' and the chairmen ages

Ages	25-30	31-35	36-40	41-45	46-50	51-55	≥56
Managers	3%	7%	3%	17%	7%	20%	44%
Chairmen	0%	0%	0%	7%	0%	17%	77%

In terms of education (Table 1.4), a higher number of chairmen earned graduate degrees (17%, compared to managers 10%); however, the number of managers who completed undergraduate degrees (40%) was higher compared to the chairmen who completed undergraduate degrees (20%). The finding that 50% of managers earned at least an undergraduate degree, compared to the 37% of chairmen, implied that more managers completed higher education.

Table 1.4 Education of managers and chairmen

Education	High school	Some college	Undergraduate	Graduate
Managers	17%	33%	40%	10%
Chairmen	33%	30%	20%	17%

Previous research found that strategic planning was a key variable in a firm's financial performance. Both the managers and the chairmen were asked about the frequency of engagement in strategic planning. The results (Table 1.5) illustrated the difference in perceptions of their own involvement in the strategic planning process. Although 67% of chairmen believed they engaged in strategic planning once a year, managers' perceptions were different as 43% of the managers believed they engaged in this process once a year. In addition, 20% of the managers reported that they were never involved in strategic planning, while only 10% of the chairmen believed the same. Given that previous research has shown a strong positive relation between strategic planning and performance of a firm, a relatively large portion never engaging in strategic planning could indicate lower financial performance for these cooperatives.

Table 1.5 Frequency of engagement in strategic planning

Frequency of engagement in strategic planning	Once a year	Once every two years	Once every three years	Once every five years	Never
Managers	43%	7%	10%	20%	20%
Chairmen	67%	7%	10%	7%	10%

The results indicated that views as to what constituted strategic planning may differ among some managers and chairmen. Did chairmen believe that they were engaged in strategic planning more frequently than they truly were? Or were the managers less aware of their involvement in strategic planning with their board? Given that strategic planning has been shown to be an important variable affecting financial performance, it was essential to understand the differences between both sides' opinions. In addition, it may be beneficial for managers and their board to precisely define "strategic planning" in order to avoid any misperception.

Further analysis was conducted to test the distribution of engagement in strategic planning among the managers and the chairmen. The distribution of frequency of engagement in strategic planning was assumed to be the same for the managers and the chairmen. Therefore, hypotheses were specified as follows:

Ho: There is no difference in distribution of engagement in strategic planning. H_1 : There is a difference in distribution of engagement in strategic planning.

To test the null hypothesis that the distribution of engagement in strategic planning was the same for managers and chairmen, a Chi-squared test for differences in probabilities was used. A critical region of approximate size $\alpha = 0.05$ corresponded to values of T greater then 9.488, obtained from the chi-squared distribution table. The calculated T = 14.45 > 9.488, therefore the null hypothesis was rejected, implying that there was a difference in the distribution of views regarding engagement in strategic planning among the managers and the chairmen.

Both the managers and chairmen were asked to rank the following six items in order of importance (1 being the most important, 6 being the least important): customer service/product quality, capital improvement, employee retention, profitability/patronage refunds, attracting new members, and stock retirement (Table 1.6). The purpose was to observe the differences in perceptions of priorities for the six items listed above. The results indicated that customer service/product quality was the most important item for both mangers and chairmen. In addition, the chairmen also ranked profitability/patronage refunds as most important, while the managers ranked the same item second. Managers ranked employee retention and profitability/patronage refunds equally important. However, employee retention was less important to the chairmen. Capital improvement took fourth place from the chairmen's perspective while the managers reported it as less important. Also, attracting new members had higher priority for chairmen than for managers, as might be anticipated. Finally, stock retirement was ranked sixth from both sides' perspectives, implying that it had the lowest priority.

Table 1.6 Ranking each of the following items in order of importance

	Managers	Chairmen
Customer service/Product quality	1st	1st
Profitability/Patronage refunds	2nd	1st
Employee retention	2nd	3rd
Capital improvement	5th	4th
Attracting new members	6th	5th
Stock retirement	6th	6th

Table 1.7 gives the comparison of satisfaction levels between the managers and the chairmen, in terms of communication, their job, and the relationship with each other. The managers' average satisfaction level with the *amount* of communication was 8.43 on a scale from 1 to 10 (1 being very dissatisfied, 10 being very satisfied), while the average satisfaction level with the *quality* of communication was 8.57.

Table 1.7 Average satisfaction level

Average satisfaction level with:	Managers	Chairmen
Amount of communication	8.43	9.26
Quality of communication	8.57	9.42
Job	8.88	NA
Performance of the cooperative	NA	8.87
Business relationship	9.02	9.40

Further analysis was conducted to test the difference in managers' satisfaction level with the amount of communication with their chairmen. Hypotheses were specified as follows:

Ho: Managers do not tend to have higher satisfaction levels with the amount of communication with their chairmen.

 H_1 : Managers tend to have higher satisfaction levels with the amount of communication with their chairmen.

These hypotheses suggested an upper-tailed test. The Mann-Whitney test (also known as the Wilcoxon test) was used to test the null hypothesis. A critical region of approximate size $\alpha = 0.05$ corresponded to values of T greater then 1.645, obtained from the normal distribution table. Calculated T = |1.23| < 1.645, therefore the null hypothesis was failed to reject, implying that managers did not tend to have higher satisfaction levels with the amount of communication compared to their chairmen.

The same test was performed to explain the difference in satisfaction level with the quality of communication and business relationship between the managers and chairmen. In both cases, the null hypotheses were failed to reject implying that managers did not tend to have higher satisfaction levels with both the quality of communication and the relationship with their chairmen.

The average satisfaction level, the extent to which the managers were overall satisfied with *amount* and *quality* of communication with their board was 8.43 and 8.57, respectively (Table 1.7). Comparing these results with the results obtained from the chairmen, it could be concluded that the average level of chairmen satisfaction was higher with both *amount* and *quality* of communication, 9.26 and 9.42, respectively. In addition, chairmen expressed the satisfaction level with the business relationship with their managers 9.40. Managers' satisfaction level with business relationship with their chairmen was 9.02. These results indicated that both chairmen and managers felt very satisfied with the relationship they had with each other.

The managers and chairmen were asked how they felt about their fulfillment and their own performance. Employee fulfillment is crucial for organizational performance, according to Jason Young, who is the author of the book "The Culturetopia Effect" (Young, 2013), which is a guide for organizations to create and sustain a high fulfillment and high performance in the workplace. In his book, Young provides practical, easy to

implement guidance to the seven key determinants that create a healthy, productive and profitable culture of any team or organization (Young, 2013).

The results showed that on average 87% of the managers felt high fulfillment and high performance, 3% felt high fulfillment but low performance, 7% fell into the group of low fulfillment and high performance, while the remaining 3% felt low fulfillment and low performance (Table 1.8). Chairmen seemed to feel more fulfilled which resulted in their own high performance, as 93% of the chairmen felt high fulfillment and high performance. Only 3% experienced high fulfillment but low performance or low fulfillment and high performance. Finally, there were no chairmen who belonged to the group of low fulfillment and low performance. According to these results, the managers were less fulfilled compared to the chairmen, which might possibly cause a lower level of performance for managers.

Table 1.8 Fulfillment and performance

	Managers	Chairmen
High fulfillment - High performance	87%	94%
High fulfillment - Low performance	3%	3%
Low fulfillment - High performance	7%	3%
Low fulfillment - Low performance	3%	0%

In the part of the survey related to organizational commitment, 50% of the managers reported they attended one to two managers' conferences per year, 23% attended more than five conferences, 17% attended three to four conferences per year, while the remaining 10% of the managers never attended a conference (Table 1.9). Statistics for the chairmen were slightly different as approximately half of the chairmen declared they attended more than five conferences a year.

Table 1.9 Number of conferences attended per year

Number of conferences attended per year	None	1-2	3-4	≥5
Managers	10%	50%	17%	23%
Chairmen	7%	40%	7%	47%

In addition to organizational commitment, 67% of managers planned to spend the rest of their careers as employees of the cooperative they were working for, while the remaining 33% were not certain about their career. The chairmen were asked if they would spend the rest of their career as members of their cooperatives, and 97% of them were certain they would. Furthermore, 90% of managers confirmed that the cooperative had a mission that they believed in and to which they were committed. On the other hand, all the chairmen from our sample confirmed that their cooperative had a mission in which they believed. The findings related to organizational commitment might possibly imply

that the chairmen were more committed to their cooperatives than their managers, which was reasonable considering that they were owners of the cooperatives.

The last part of the survey contained questions related to the relationship between the managers and the board of directors (Table 1.10). Both were asked to express their perception of the type of relationship they had with each other. They were offered four categories: adult-adult, principal-agent, parent-child, and other. The results indicated that 84% of managers believed that the nature of the business relationship between them and the board was adult-adult. About 13% of the managers stated the board was acting as the principal while they saw themselves as the agents, which was anticipated given that these managers were not members of the cooperative.

Additional analysis was conducted in order to determine if the chairmen of these managers felt as principals. By contrast, these chairmen believed that they had an adult-adult relationship with their managers. This finding implied that there was a difference in the perception of this relationship which might be caused by a lack of communication. If the two parties did not communicate frequently, they might become more distant which would affect the perception of their relationship. This assumption was confirmed by investigating the managers' satisfaction level with communication and the results indicated that their satisfaction level was lower compared to that of the managers who did not perceive themselves as agents.

Furthermore, 3% of the managers described their relationships as a parent-child relation in which the managers felt like children. The parent-child paradigm would predict that a manager did not feel satisfied with the board relationship or fulfilled with their job, which might negatively affect performance. Although only one person from the sample reported he felt like a child, further analysis indicated that this manager felt very low job satisfaction and desired a higher level of communication with the board. Additionally, the profitability of this cooperative was negative. Although there was no statistical evidence that this type of relationship would affect financial performance, there was sufficient information indicating that the board needed to avoid creating an environment where managers felt like children.

A majority of the chairmen (93%) believed that their relationship with the managers could be best described as adult-adult. However, 7% of the chairmen considered themselves as principals, while perceiving their managers as agents. By contrast, the managers of these particular chairmen perceived their relationship as adult-adult and did not feel like agents.

Table 1.10 The relationship between the board and the managers

Board - Manager	Managers	Chairmen
Adult - Adult	84%	93%
Principal - Agent	13%	7%
Parent - Child	3%	0%
Other	0%	0%

Managers were asked whether they felt they had limited control over the cooperative but total responsibility for the results. The majority, 70% of the managers, did not feel they had limited control over the cooperative, 23% felt they sometimes had limited control, and 7% of the managers felt they had limited control over the cooperative. The chairmen were asked whether their managers should have limited control over the cooperative but be fully responsible for the results. More than half, 57% of the chairmen, did not feel that the managers should have limited control over the cooperative. Nonetheless, 23% of the chairmen believed that their managers should have limited control over the cooperative.

The characteristics that managers valued the most about their board chairmen were (in order of importance):

- 1. Trustworthiness,
- 2. Understanding and respecting the board-manager relationship,
- 3. A chairman's total commitment and dedication to the cooperative,
- 4. Good communication, and
- 5. Very active and experienced chairman.

Still, the majority of the managers agreed that their chairmen needed to spend more time in strategic planning. The managers also indicated a need for chairman to attend chairman conferences and encourage other board members to get training as board members. Finally, the managers indicated that it was important that their chairmen determine direction and long-term goals for the cooperative.

Finally, the characteristics that the chairmen valued the most about their general managers were (in order of importance):

- 1. Total commitment and dedication to the cooperative
- 2. Understanding and respecting the board-manager relationship
- 3. Very active and strong experience
- 4. Good communication
- 5. Trustworthiness

However, the chairmen required from their managers more communication, involvement in strategic planning, and marketing the cooperative to expand customer base.

Conclusion

Given the unique role of the manager-director relationship in cooperatives, understanding those relationships is important. This study attempted to emphasize the importance of the relationship between managers and the board of directors in agricultural cooperatives.

Previous research has shown that factors such as: organizational commitment, satisfaction, loyalty, teamwork, strategy, and communication between the stakeholders positively affected financial performance of a firm. The ultimate purpose that all stakeholders strive to achieve is the improved performance of the firm, which is directly affected by the relationship between the stakeholders. If cooperatives are to be successful in their performance, the relationship between the board and managers is crucial as they act together as a team in making important decisions. In cooperatives, this relationship depends on how well the board exerts control, how well a manager performs actions, how often the board and managers engage in strategic planning, how the objectives of members, directors and managers are harmonized, and how plans are communicated from the members-owners to the managers.

Based on the assumptions of stewardship and game theories, there is reason to believe that if managers are fulfilled, committed, and loyal to the cooperative, they will act as stewards or team players, thus this joint action would yield mutual benefits and the outcome of increased financial performance would be accomplished. Findings from this study show that the assumption that managers behaving as stewards, with a "total commitment and dedication to the cooperative" was one of the highly ranked characteristics that the chairmen valued the most about their general managers. Moreover, the majority of managers reported a high level of fulfillment and confirmed that their cooperative had a mission in which they believed.

In order to achieve an optimal solution, effective discussions and flows of information from management to the board is crucial. The results showed that both managers and chairmen required more communication from each other. To enhance communication, cooperation, and teamwork, frequent meetings are necessary as managers and the board would feel less distant from each other, translating into better relations, cooperation, and positively affecting performance. Moreover, cooperation and teamwork is required in a process of defining the cooperative strategy, setting objectives, determining actions to achieve the objectives, and making decisions on allocating available resources to pursue this strategy. The results of this study indicated different perceptions of engagement in strategic planning. Managers and the board should define "strategic planning" precisely as there is a strong positive relation between strategy and performance of a firm.

Finally, a good relationship between the manager and the board would create a strong bound among them and they would feel more open to discuss their goals and interests. With a high level of communication and cooperation, they are more likely to respect each other and understand their objectives, and if any issue arises in the cooperative, they would have a better chance to overcome it and reach an optimal solution. Furthermore, if managers and the board are satisfied with their relationship, they

would be more effective and productive because they would have better organization and coordination of activities.

In conclusion, union, harmony, and cohesiveness between the board and the managers would enhance their productivity and effectiveness by creating higher returns for shareholders, which would further result in higher financial performance of a cooperative.

Study limitations and future work

The limitation of this study was that the survey was conducted among the agricultural cooperatives in Texas. Future research in this area may include wider types of cooperatives as well as extend the sample size by including cooperatives from several states in the country. To collect more extensive data, more specialized survey instruments can be employed. Furthermore, additional and more completed data can be collected in the future by conducting interviews with cooperatives rather than conducting surveys.

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APPENDIX A

Questionnaire for the General Manager

PART I – Financial performance

NOTE: The questions in PART 1 in the box below are related to profitability of your cooperative. If you are willing to provide audits for previous three years (2011, 2012, and 2013) to us, you are NOT asked to answer these questions. If you prefer, you can email Mr. Greg Taylor and authorize him to release electronic copies of those audit reports to us. In case the audits are not provided, please answer the questions in the box below.

Fill in the lines with the appropriate	e numbers.
1. Patrons equity in 2011:	\$
2. Patrons equity in 2012:	\$
3. Patrons equity in 2013:	\$\$
3. Fations equity in 2013.	Φ
4. Total assets in 2011:	\$
5. Total assets in 2012:	\$
6. Total assets in 2013:	\$
	•
7. Current assets in 2011:	\$
8. Current assets in 2012:	\$
9. Current assets in 2013:	\$
10. Current liabilities in 2011:	\$
11. Current liabilities in 2012:	\$
12. Current liabilities in 2013:	\$
13. Net margin in 2011:	\$
14. Net margin in 2012:	\$
15. Net margin in 2013:	\$

PART II - Size

Please check one box for each question.

16. Indicate the current number of full-	time employees in your cooperative:
□ 1-5	
□ 6-10	
□ 11-20	
□ 21-50	
$\square > 50$	
17. Indicate the current number of men	nbers in your cooperative:
□ 1-5	
□ 6-10	
□ 11-20	
□ 21-50	
$\square > 50$	
18. What best describes your cooperate check all that apply):	tive (if you work in a mixed cooperative,
☐ Production cooperative	
☐ Marketing cooperative	
☐ Supply (purchasing) cooperative	
☐ Service cooperative	
☐ Other	(specify)
19. Indicate the total gross sales/revenu for the last <i>three</i> years (approximate	es your cooperative generated <i>on average</i>
\Box < \$100,000	□ \$5,000,000-\$10,000,000
□ \$100,000-\$500,000	□ \$10,000,000-\$15,000,000
□ \$500,000-\$1,000,000	□ \$15,000,000-\$20,000,000
□ \$1,000,000-5,000,000	\Box > \$20,000,000
, -, , , ,	- 1 - 1 - 1 - 1 - 1

PART III – Economic performance

In the following questions you are asked to compare your cooperative with the largest competitor which is the largest cooperative in the **same field** in **your area**. For example, if you work in a cotton gin cooperative, your competitor would be the largest cotton gin in the same or the closest area.

Please check one box for each question.

□ Less profitable	
☐ About equally profitable	
☐ More profitable	
21. Relative to our businesses' largest competitor, in term sales/revenues, we are: ☐ Larger ☐ About the same size ☐ Smaller	as of total gross
22. Relative to our businesses' largest competitor, we: ☐ Are growing more slowly	
☐ Are growing at about the same rate	
☐ Are growing faster	
PART IV – Team work	
Please check one box for each question.	
23. How often do you meet officially with the board? ☐ Once a week	
☐ Once a month	
☐ Once every few months	
☐ Once a year	
☐ Once every few years	
□ Never	
24. How often do you meet with the board chairman to disbusiness? ☐ Once a week ☐ Once a month	scuss cooperative
☐ Once every few months ☐ Once a year	
☐ Once every few years	
□ Never	

NOTE: Mark the line at any point between "very dissatisfied" and "very satisfied" to indicate your level of satisfaction.

25.		vhich you are satisfied with how s the example for all personnel to	
dis	very ssatisfied	indifferent	very satisfied
-		-	
26.	How often do you and y ☐ Once a year	your board engage in strategic pl	anning?
	☐ Once every two years		
	☐ Once every three year		
	\Box Once every five years	.	
	□ Never		
27.	within the past three ye	he board in conducting a strat	egic planning session
	☐ Yes		
	□ No		
28.	I am constantly assess cooperative.	ing and evaluating performance	e of employees in our
	□ No		
	□ 140		
29.	. Rank each of the follo	wing items in order of importan	ce to you from the #1
	"most important" iter number on the line befor	n through the #6 "least importe each item):	tant" item (write the
	Customer service/p	roduct quality	
	Capital improvement	± *	
	Employee retention		
	Profitability/Patron		
	Attracting new men	_	
	Stock retirement		

very		V
atisfied	indifferent	sati
	+	
	at to which you are satisfied with board's objectives and plans.	h how well yo
very	1.1100	V
atisfied	indifferent	sati
you to express your	to which you are satisfied with oppo ideas to the board.	
Indicate the extent you to express your very atisfied		ortunities availal V sati
you to express your very atisfied	ideas to the board.	v sati
you to express your very atisfied Indicate the extent t	ideas to the board. indifferent to which you are satisfied with how	ven sati
you to express your very atisfied Indicate the extent t	ideas to the board. indifferent	the board prom punishment or lo
you to express your very atisfied Indicate the extent to	ideas to the board. indifferent to which you are satisfied with how	ven sati
you to express your very atisfied Indicate the extent to diverse culture when very atisfied	indifferent indifferent to which you are satisfied with how re you can be heard without fear of	the board prom punishment or lo
you to express your very atisfied Indicate the extent to diverse culture when very atisfied Indicate the extent	indifferent indifferent to which you are satisfied with how re you can be heard without fear of pindifferent	the board prom punishment or lo
you to express your very atisfied Indicate the extent to diverse culture when very atisfied Indicate the extent	indifferent to which you are satisfied with how re you can be heard without fear of principle indifferent int to which you are satisfied with the content indifferent	the board prom punishment or lo

very dissatisfied	indifferent	ver
		satisf
T VI – Job satisfaction		
6. In terms of fulfilme ☐ High fulfilment – Hi	nt and performance, what best descriptions of the second s	ribes you:
☐ High fulfilment – Lo	w performance	
☐ Low fulfilment – Hig	gh performance	
☐ Low fulfilment – Lo	w performance	
7. Indicate the extent and encourages you very dissatisfied	to which you are satisfied with ho indifferent	ver
and encourages you very dissatisfied		ver satisf
and encourages you very dissatisfied 8. Indicate the extent	indifferent to which you are satisfied with he	very satisf
and encourages you very dissatisfied 8. Indicate the extent	indifferent	very satisf
and encourages you very dissatisfied 8. Indicate the extent board are organize	indifferent to which you are satisfied with he	very satisf
and encourages you very dissatisfied 8. Indicate the extent board are organize etc. very dissatisfied	indifferent to which you are satisfied with hed in terms of timing, carefully plan	very satisf ow meetings with nned agenda, cont
and encourages you very dissatisfied 8. Indicate the extent board are organize etc. very dissatisfied	to which you are satisfied with he d in terms of timing, carefully plan	very satisf ow meetings with nned agenda, cont very satisf

40. Overall (considering satisfied with your job	everything), indicate the extent to w	hich you a
very dissatisfied	indifferent	very
		satisfie
,		
ART VII – Organizational co	ommitment	
ease check one box for each	question.	
41. On average, how man	ny managers conferences and meetings	do you atte
□ None		
□ 1-2		
□ 3-4		
$\square \geq 5$		
42. I plan to spend the res	et of my career as an employee of this coo	perative:
□ Yes		
☐ Maybe/Sometimes		
□ I do not know □ No		
43. I enjoy telling non-me	mbers about my cooperative:	
□ Yes		
☐ Maybe/Sometimes		
□ I do not know □ No		
44. I believe that a person	must always be loyal to his or her cooper	rative:
□ Yes		
☐ Maybe/Sometimes		
□ I do not know □ No		
□ 110		

45	justifiable to leave my current position:
	□ Yes
	☐ Maybe/Sometimes
	☐ I do not know
	□ No
46	6. This cooperative has a mission that I believe in and am committed to:
	□ Yes
	☐ Maybe/Sometimes
	☐ I do not know
	□ No
PART	VIII - Relationship between the managers and the board of directors
Please	e check one box for each question.
47	7. What best describes the nature of the business relationship between you and the board?
	Board You
	□ Parent - Child
	□ Adult - Adult
	☐ Principal - Agent
	□ Other
40	Do fool dhad area hare kinidad areatual area tha area
48	3. Do you feel that you have limited control over the cooperative but total responsibility for the results?
	□ Yes
	☐ Maybe/Sometimes
	☐ I do not know
	□ No

apply)		
☐ His total commit	ment and dedication to our cooperative	
☐ Very active and s	-	
☐ Good communica		
\square He understands an	nd respects the board-manager relationsl	nip
\square Trustworthy		
	(plea	se specify)
☐ None of the above	e	
	d from your board chairman that y	ou are not presently
receiving? (Check a	an that appry) ion and to be involved in the board meet	inac
	l manager evaluation per year	ings
	to the chairman's conference and encou	irage other hoard
members to get traini		arage other board
☐ Direction and long	•	
☐ Time for strategic		
□ Other	(pleas	e specify)
☐ None of the above	-	1 0/
	ing everything), indicate the extensousiness relationship between you and indifferent	the board.
satisfied with the b very dissatisfied	ousiness relationship between you and	the board. very satisfied
satisfied with the bevery dissatisfied PART IX - Demographic companies 52. Your gender: □ Male □ Female	indifferent	the board. very satisfied
satisfied with the bevery dissatisfied PART IX - Demographic companies 52. Your gender: □ Male □ Female 53. Your age:	indifferent haracteristics	the board. very satisfied
satisfied with the bevery dissatisfied PART IX - Demographic companies 52. Your gender: □ Male □ Female 53. Your age: □ ≤ 24	indifferent haracteristics	the board. very satisfied
satisfied with the bevery dissatisfied PART IX - Demographic companies 52. Your gender: □ Male □ Female 53. Your age:	indifferent haracteristics	the board. very satisfied

□ 36-40	$\square \geq 56$
54. The highest educat	ion level completed:
☐ Less than high sch	ool
☐ High school	
□ College	
☐ Undergraduate deg	gree
☐ Graduate degree	
55. The length of time $\Box \le 5$ years	as a general manager:
\Box 5 years \Box 6-10 years	
☐ 11-15 years	
☐ 16-20 years	
$\square \ge 21$ years	
Ž	
56. Are you a member	of a cooperative?
☐ Yes	
\square No	

APPENDIX B

Questionnaire for the Board Chairman

PART I – Financial performance

NOTE: The questions in PART 1 in the box below are related to profitability of your cooperative. If you are willing to provide audits for previous three years (2011, 2012, and 2013), you are NOT asked to answer these questions. If you prefer, you can email Mr. Greg Taylor and authorize him to release electronic copies of those audit reports to us. In case the audits are not provided, please answer the questions in the box below.

Fill in the lines with the appropriate	e numbers.	
16. Patrons equity in 2011:	\$	
17. Patrons equity in 2012:	\$	
18. Patrons equity in 2013:	\$	
19. Total assets in 2011:	\$	
20. Total assets in 2012:	\$	
21. Total assets in 2013:	\$	
22. Current assets in 2011:	\$	
23. Current assets in 2012:	\$	
24. Current assets in 2013:	\$	
25. Current liabilities in 2011:	\$	
26. Current liabilities in 2012:	\$	
27. Current liabilities in 2013:	\$	
28. Net margin in 2011:	\$	
29. Net margin in 2012:	\$	
30. Net margin in 2013:	\$	

PART II - Size

Please	check	one	box	tor	eact	i quest	ion.

16. Indicate the current number of full	-time employees in your cooperative:
☐ 1-5 ☐ 6-10 ☐ 11-20 ☐ 21-50 ☐ > 50	
17. Indicate the current number of men	mbers in your cooperative:
☐ 1-5 ☐ 6-10 ☐ 11-20 ☐ 21-50 ☐ > 50	
18. What best describes your cooperational that apply):	ve (if you have a mixed cooperative, check
 □ Production cooperative □ Marketing cooperative □ Supply (purchasing) cooperative □ Service cooperative □ Other 	_(specify)
19. Indicate the total gross sales/revenue for the last <i>three</i> years (approximate	nes your cooperative generated <i>on average</i> tely):
□ < \$100,000 □ \$100,000-\$500,000 □ \$500,000-\$1,000,000 □ \$1,000,000-5,000,000	□ \$5,000,000-\$10,000,000 □ \$10,000,000-\$15,000,000 □ \$15,000,000-\$20,000,000 □ >\$20,000,000
□ \$1,000,000-3,000,000	

PART III – Economic performance

In the following questions you are asked to compare your cooperative with the largest competitor which is the largest cooperative in the **same field** in **your area**. For example,

Please check one box for each question. 20. Relative to our businesses' largest competitor, we are: ☐ Less profitable ☐ About equally profitable ☐ More profitable 21. Relative to our businesses' largest competitor, in terms of total gross sales/revenues, we are: ☐ Larger \square About the same size ☐ Smaller 22. Relative to our businesses' largest competitor, we: \square Are growing more slowly \square Are growing at about the same rate \square Are growing faster **PART IV** – Team work Please check one box for each question. 23. How often do you meet officially with the general manager? \square Once a week ☐ Once a month \square Once every few months ☐ Once a year \Box Once every few years

if your cooperative is a cotton gin, your competitor would be the largest cotton gin in the

same or the closest area.

□ Never

24. How often do you cooperative busine	meet unofficially with the general maess?	nager to discuss
☐ Once a week		
☐ Once a month		
☐ Once every few m	nonths	
☐ Once a year		
☐ Once every few y ☐ Never	ears	
□ IVeVei		
OTE: Mark the line at an licate your level of satisf	y point between "very dissatisfied" and action.	"very satisfied" to
	to which you are satisfied with how yof ethics and sets the example for all p	
	indifferent	
dissatisfied	and the general manager engage in st ears years	satisfied

28. I am constantly asse in our cooperative.	essing and evaluating the general ma	anager's performance
☐ Yes		
□ No		
29. Rank each of the fol	llowing items in order of importance	e to you from the #1
"most important" it	em through the #6 "least important	" item (write the
number on the line be		,
Customer servic	e/product quality	
Capital improve	ment	
Employee retent	ion	
Profitability/Patr	ronage refunds	
Attracting new r	nembers	
Stock retirement	t	
	to which you are satisfied with how general manager's plans and progre	•
very		very
dissatisfied	indifferent	satisfied
	1	
31. Indicate the extent is fulfilling your exp	to which you are satisfied with how ectations.	the general manager
very		very
very dissatisfied	indifferent	very satisfied

32. Indicate the extent to which you are satisfied with how the board discusses all issues and concerns as a united board.

TIOMI		
very issatisfied	indifferent	sa
<u> </u>	+	
	which you are satisfied with the an	mount of
communication between	een you and the general manager?	
very issatisfied	indifferent	-
	1.00.00	sa
	'	
	which you are satisfied with the <i>qu</i> een you and the general manager?	uality of
very	: 1'CC 4	
very issatisfied	indifferent	sa
	indifferent	
	indifferent	
	indifferent 	

very dissatisfied	indifferent	very satisfie
38. Indicate the extent t a member of the boa	to which you are satisfied with the bard.	oenefits you receive
very dissatisfied	indifferent 	very satisfie
very dissatisfied	indifferent	very satisfie
dissatisfied	indifferent +	satisfie
dissatisfied RT VII – Organizational se check one box for each	commitment	satisfie
dissatisfied RT VII – Organizational se check one box for each	commitment h question.	satisfie
dissatisfied AT VII – Organizational se check one box for each 40. On average, how man attend per year?	commitment h question.	satisfie
dissatisfied AT VII – Organizational se check one box for each 40. On average, how may attend per year? □ None	commitment h question.	satisfi

	□ I do not know □ No
42	. I enjoy telling non-members about my cooperative:
	☐ Yes ☐ Maybe/Sometimes ☐ I do not know ☐ No
43	. I believe that a person must always be loyal to his or her cooperative:
	☐ Yes ☐ Maybe/Sometimes ☐ I do not know ☐ No
44	. This cooperative has a mission that I believe in and am committed to:
	☐ Yes ☐ Maybe/Sometimes ☐ I do not know ☐ No
PART	VIII - Relationship between the managers and the board of directors
Please	check one box for each question.
45	. What best describes the nature of the business relationship between you and the general manager?
 	You Manager □ Parent - Child □ Adult - Adult □ Principal - Agent □ Other

•	al responsibility for the results?	neu control over the
☐ Yes ☐ Maybe/Sometimes ☐ I do not know ☐ No	S	
47. What do you value apply)	the most about the general manag	er? (Check all that
☐ His/her total commi	itment and dedication to our coopera	ative
☐ Very active and stro	-	
☐ Good communication	on	
☐ He/she understands	and respects the board-manager rela	ationship
\square Trustworthy		
Other	(ple	ease specify)
\square None of the above		
receiving? (Check all ☐ More communication ☐ Close working relat ☐ Be more dedicated to	on ionship to his/her work board/managers' meetings egic planning	ease specify)
☐ None of the above	(pic	case specify)
49. Overall (considering	g everything), indicate the extent t isiness relationship between you a	
very		TOWN
dissatisfied	indifferent	very satisfied

PART IX - Demographic characteristics

50. You ☐ Male ☐ Fem	e	
51. You	r age:	
□ ≤ 24		□ 41-45
□ 25-3	0	□ 46-50
□ 31-3	.5	□ 51-55
□ 36-4	0	$\square \ge 56$
52. The	highest education	level completed:
□ High □ Colle □ Unde		
53. The	length of time as a	chairman (or director if you are not a chairman)
$ \Box \le 5 \ \underline{)} $ $ \Box 6-10 \ \Box 11-1 \ \Box 16-2 \ \Box \ge 21 \ \Box $	years 5 years 0 years	
54. Are	you the chairman	of the board?
□Ye	eS.	
\square No)	