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Supplementary Tables

Table 1a. Socio-demographic characteristics of Bt corn grower respondents

Profile	Frequency	%
Sex		
Male	224	76.45
Female	69	23.55
Age		
21-30 years old	21	7.17
31-40 years old	47	16.04
41-50 years old	94	32.08
51-60 years old	82	27.99
61-70 years old	39	13.31
71-80 years old	7	2.39
81-90 years old	3	1.02
Mean = 49.01 years old		
Highest Educational Attainment		
Elementary Level	39	13.31
Elementary Graduate	68	23.21
High School Level	48	16.38
High School Graduate	91	31.06
College Level	26	8.87
College Graduate	21	7.17
Membership to Organization		
Member	29	9.90
Non-member	264	90.10
Years of Membership		
0-10 years	24	82.76
11 years & above	5	17.24
Mean = 5.59		
Nature of Membership		
Member	26	89.66
Officer	3	10.34

Table 1b. Farm characteristics of Bt corn growers

		0/
	Frequency	%
Nature of Ownership of Farmland		
Land is own	162	55.29
Tenant	85	29.01
Land is sharecropped	11	3.75
Land is rent	35	11.95
Years in Growing Corn		
Less than 5 years	48	16.38
6-10 years	36	12.29
11-15 years	27	9.22
16-20 years	27	9.22
More than 21 years	155	52.90
Position in the farm		
Owner	190	64.85
Shared Owner	32	10.92
Paid Manager	22	7.51
Paid Farm Worker	38	12.97
Member of Farming Family	11	3.75
Farm Area		
Less than 1 ha	104	35.48
1.00 – 1.99 ha	121	41.13
2.00 – 2.99 ha	31	10.48
3.00 – 3.99 ha	14	4.84
4.00 – 4.99 ha	7	2.42
5.00 hectares and above	17	5.65
Average (ha) = 1.52		
Yield per ha		
50 cavans & below	76	25.96
51-100 cavans	161	54.89
101-150 cavans	46	15.74
More than 150 cavans	10	3.40
Average = 82.53 cavans (4.13 tons)		
Net Income per ha,		
Php20,000 & below ,	122	41.71
Php21,000-40,000	70	24.00
Php41,000-60,000	62	21.14
Php61,000-80,000	15	5.14
Php81,000-100,000	18	6.29
More than Php100,000,	5	1.71
Average Net Income =Php37,302.14	-	·

 Table 2. Perceived degree of usefulness of information from personal, public and mass media sources

		Persor	ıal	Pub)	lic	Mass	Media
echnic	al Information	Mean	QD	Mean	QD	Mean	QD
1	Seed variety	0.86	VU	0.82	VU	0.82	VU
2	Land preparation	0.85	VU	0.82	VU	0.82	VU
3	Weather forecast	0.87	VU	0.84	VU	0.84	VU
4	Soil management	0.77	VU	0.74	U	0.74	U
5	Fertilizer application	0.83	VU	0.83	VU	0.83	VU
6	Disease and pest control	0.98	VU	0.72	U	0.62	U
7	Use of machinery	0.67	U	0.67	U	0.71	U
8	Harvesting techniques	0.68	U	0.76	VU	0.76	VU
9	Storage methods and techniques	0.46	MU	0.41	MU	0.41	MU
Mea	an	0.77	VU	0.73	U	0.73	U
Econor	nic Information						
1	Current market prices	0.84	VU	0.83	VU	0.83	VU
2	Future market Prices	0.85	VU	0.83	VU	0.83	VU
3	Market locations	0.69	U	0.69	U	0.69	U
4	Budgeting methods	0.68	U	0.69	U	0.69	U
5	Credit sources	0.71	U	0.76	VU	0.76	VU
6	Procedure for credit procurement	0.68	U	0.79	VU	0.69	U
7	Stock/record keeping	0.61	U	0.71	U	0.61	U
8	Cooperative association	0.66	U	0.70	U	0.60	U
9	Labor availability	0.70	U	0.67	U	0.67	U
10	Risk management in agriculture	0.72	U	0.68	U	0.68	U
11	Government policies	0.61	U	0.68	U	0.68	U
12	Government grants	0.60	U	0.64	U	0.74	U
Mea	an	0.70	U	0.72	U	0.71	U

Legend: 0.75 – 1.00-very useful (VU), 0.51 – 0.74-useful (U), 0.26 – 0.50-moderately useful (MU), 0.25 – 0.01-little useful (LU) 0- not useful at all

Table 3. Frequency of utilization of information from personal, public and mass media sources

		Person	ıal	Pul	blic	Mass N	Iedia
Technic	al Information	Mean	QD	Mean	QD	Mean	QD
1	Seed variety	0.89	FU	0.89	FU	0.89	FU
2	Land preparation	0.73	FU	0.74	FU	0.89	FU
3	Weather forecast	0.79	FU	0.74	FU	0.74	FU
4	Soil management	0.74	FU	0.74	FU	0.74	FU
5	Fertilizer application	0.70	FU	0.89	FU	0.89	FU
6	Disease and pest control	0.64	MU	0.64	MU	0.60	MU
7	Use of machinery	0.55	MU	0.54	MU	0.60	MU
8	Harvesting techniques	0.64	MU	0.64	MU	0.53	MU
9	Storage methods and techniques	0.33	SU	0.64	MU	0.44	MU
Me	an	0.68	FU	0.72	FU	0.70	FU
Econo	nic Information						
1	Current market prices	0.74	FU	0.84	FU	0.84	FU
2	Future market Prices	0.66	MU	0.56	MU	0.66	MU
3	Market locations	0.62	MU	0.57	MU	0.84	FU
4	Budgeting methods	0.57	MU	0.84	FU	0.84	FU
5	Credit sources	0.41	MU	0.84	FU	0.66	MU
6	Procedure for credit procurement	0.62	MU	0.84	FU	0.66	MU
7	Stock/record keeping	0.28	SU	0.74	FU	0.66	MU
8	Cooperative association	0.37	SU	0.74	FU	0.66	MU
9	Labor availability	0.65	MU	0.66	MU	0.66	MU
10	Risk management in agriculture	0.33	SU	0.66	MU	0.74	FU
11	Government policies	0.63	MU	0.84	FU	0.74	FU
12	Government grants	0.56	MU	0.74	FU	0.74	FU
Me	an	0.61	MU	0.74	FU	0.66	MU

Legend: 0.67 – 1.00- Frequently Used, 0.34 – 0.66-Moderately Used, 0.10 – 0.33-Slightly Used, 0-Never Used

Table 4. Frequency of consultation with information sources

Persona	ll Information Sources	Mean	Description
1	Family members	5.42	Once a Week
2	Relatives	4.59	Two or Three Times a Month
3	Friends	4.79	Two or Three Times a Month
4	Co-corn growers	5.29	Two or Three Times a Month
	Mean	5.02	Two or Three Times a Month
Public II	nformation Sources		
1	Municipal Agricultural Technician	3.53	Four or Five Times a Year
2	University Agricultural Extension Workers	2.82	Four or Five Times a Year
3	Researchers	2.47	Two or Three Times a Year
4	Experts	2.56	Two or Three Times a Year
5	Agriculture Graduates	2.63	Two or Three Times a Year
	Mean	2.80	Four or Five Times a Year
Mass M	edia Channels		
1	Radio	5.31	Two or Three Times a Month
2	Television	4.72	Two or Three Times a Month
3	Newspaper	3.14	Four or Five Times a Year
4	Farm journals/magazines (ex. Agriculture Magazine)	2.62	Two or Three Times a Year
5	Farm Primer	3.41	Four or Five Times a Year
6	Brochure	3.02	Four or Five Times a Year

7	Package of Technology	3.08	Four or Five Times a Year
8	Leaflet	2.71	Four or Five Times a Year
9	Chart/poster	2.75	Four or Five Times a Year
10	Internet	1.95	Two or Three Times a Year
11	Cellphone	3.05	Four or Five Times a Year
	Mean	3.25	Four or Five Times a Year

Legend: 7.13 – 8.00-Contacts Once a Day, 6.24 – 7.12-Two or Three Times a Week, 5.35 – 6.23-Once a Week, 4.46 – 5.34-Two or Three Times a Month, 3.57 – 4.45-Once a Month, 2.68 – 3.56-Four or Five Times a Year, 1.79 – 2.67-Two or Three Times a Year, 0.90 – 1.78-Once a Year, 0.00 – 0.89-No Contact

Table 5. Information system and communication network in corn production

Sources of Information	Information Score		Description	
Personal Information Sources				
Family member		240	Strong	
Relatives		229	Strong	
Friends		230	Strong	
Co-corn growers		198	Strong	
Mean		224.25	Strong	
Public Information Sources				
Agric. Technician		113	Moderate	
Univ. Extensionist		43	Weak	
Researcher/ Experts		57	Weak	
Chem. Company Technicians		71	Weak	
Chem. Company Representative		68	Weak	
Mean		70.40	Weak	
Mass Media Information Sources				
Radio		110	Moderate	
TV		127	Moderate	
Newspaper		18	Weak	
Farm Journal		20	Weak	
Farm Primer		20	Weak	
Brochure		63	Weak	
Package of Technology		25	Weak	
Leaflet		29	Weak	
Poster		28	Weak	
Internet		8	Weak	
Cellphone		36	Weak	
Mean		40.33	Weak	

Legend: IS<74 – weak degree of information contact, 75<IS<149 – moderate degree of contact, IS>150 - strong degree of contact

 $\textbf{Table 6.} \ \ \textbf{Correlation between socio-demographic characteristics, farm characteristics and total information score of the respondents$

Socio-demographic characteristics	r-value	p-value	Decision
Sex	-0.020	0.731	Fail to reject Ho
Age	-0.026	0.657	Fail to reject Ho
Highest educational attainment	0.006	0.304	Fail to reject Ho
Position in the Farm	0.016	0.791	Fail to reject Ho
Membership to organization	-0.120	0.040	Reject Ho
Years of membership	0.702	0.023	Reject Ho
Nature of membership	0.128	0.028	Reject Ho
Farm Characteristics			
Nature of ownership of Farmland	0.296	0.000	Reject Ho
Years in growing corn	-0.075	0.199	Fail to reject Ho
Position in the farm	0.215	0.000	Reject Ho
Farm area	-0.185	0.319	Fail to reject Ho
Yield per hectare	0.077	0.190	Fail to reject Ho
Net Income per hectare	-0.069	0.236	Fail to reject Ho

p-value of 0.05 and below are significant and above 0.05 are not significant

 Table 7. Correlation between income and total information score of the respondents

Personal Information Sources	r-value	p-value	Decision
Family members	0.133	0.090	Fail to reject Ho
Relatives	0.131	0.095	Fail to reject Ho
Friends	0.200	0.010	Reject Ho
Co-corn growers	0.057	0.471	Fail to reject Ho
Public Information Sources			
Municipal agricultural technician	0.014	0.855	Fail to reject Ho
University agricultural extensionists	0.086	0.273	Fail to reject Ho
Researchers/Experts	-0.033	0.677	Fail to reject Ho
Chemical company technicians	-0.085	0.280	Fail to reject Ho
Chemical company sales representatives	-0.022	0.778	Fail to reject Ho
Multi-media Channels			
Radio	0.157	0.046	Reject Ho
Television	-0.004	0.960	Fail to reject Ho
Newspaper	0.171	0.029	Reject Ho
Farm journals/Magazines	0.110	0.161	Fail to reject Ho
Farm primer	0.050	0.526	Fail to reject Ho
Brochure	-0.088	0.266	Fail to reject Ho
Package of technology	-0.019	0.813	Fail to reject Ho
Leaflet	-0.097	0.217	Fail to reject Ho
Charts/poster	0.069	0.384	Fail to reject Ho
Internet	0.033	0.680	Fail to reject Ho
Cellphone	0.121	0.125	Fail to reject Ho

p-value of 0.05 and below are significant and above 0.05 are not significant