

Knowledge of Women about the Modern Crop Technology

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I. Introduction

India is a developing country the main occupation is agriculture because 70% of the population in involved in this occupation many women is developing countries are occupied.

Swaminathan, the famous agriculture scientiinst describe that it was women who first dominicated crop plants and plants and there by the art and science of farming. While men went out hunting is search of food women started gathering seeds from the native flora and began cultivating those of interest the point of view food, feed, fodder, fiber, & fuel.

Women have played and continue to play a key role in the conservation of basic life support system such as land, water flora and fauna. They have protected the health of soul through organic recycling and promoted crop security through the maintenance varietal diversity and genetic residence. That women play significant role in agriculture development and allied field including in the main crop production, livestock production, horticulture post harvest, agro/forestry fisheries etc.the, nature and extent of women involvement in agriculture vary greatly from region to region, even within a region their involvement various widely among different ecological subzone, farming system, castes, classes and socio-economic status of families.

II. Method And Material

The survey was conducted in Rahi block of Raibareli district Uttar Pradesh. Two selected village by namely Jakharasi and Belagusisi and 25 respondents selected each village. Thus total number of respondent 50.thier point scale [no knowledge, partial knowledge, full knowledge]were developed with regard to 10 packages of knowledge-land preparation, seed treatment, spacing ,manure and fertilizer, irrigation and drainage,interculture,weed control,harvesting,threshing and winnowing,storage.score allotted for no knowledge, partial knowledge and full knowledge 1,2& 3 respectively.

III. Result And Discussion

The table shows that the knowledge of women about modern crop technology line showing obtained 169 score and first position in high rank. After that time of irrigation, method of irrigation, understand of drain, identification of major weed of crop, showing method, number of ploughing,and time of ploughing obtained score 161,161,161,158,158 and 158 in high rank respectively.

Spacing plant to plant, row to row, moisture of conservation, number of weeding, proper time of weeding, use of improved implement for weeding, proper time of harvesting,poper method of harvesting, proper method of winnowing, improved implement of winnowing, storage of drain by application of chemical, ideal storage house and moisture temperature & humidity of storage are in medium rank which are find 150,150,145,148,150,150,150,150,150,150,150,138 and 140 score respectively.

Method of fertilizer, quantity of fertilizer, method of seed treatment chemical and its quantity for seed treatment and chemical method of weed control are in low rank which is find 126,123,124,117 and 122 score respectively.

Table: Knowledge of women in modern crop technology.

S.no.	Knowledge Practices	Extent of knowledge			Total score	Rank	Remark
		No knowledge	partial knowledge	Full knowledge			
I.	Land Preparation						
i.	Number of ploughing	-	2	48	158	III	High
ii.	Time of ploughing	-	2	48	158	III	High
iii.	Moister of conservation	1	3	46	145	VI	medium
II.	Seed Treatment						
i.	Method of seed treatment	4	18	28	124	X	Low
ii.	Chemical & its quantity for seed treatment	6	21	23	117	XIII	Low

iii.	Sowing method	-	2	48	158	V	medium
III.	Spacing						
i.	Plant to plant			50	150	IV	medium
ii.	Row to row			50	150	IV	medium
IV.	Manure & fertilizer						
i.	Quantity of fertilizer	5	17	28	123	XI	Low
ii.	Method of fertilizer	5	16	29	126	IX	Low
v.	Irrigation & drainage						
i.	Number of irrigation according to different quantity	-	1	49	169	I	High
ii.	Time of irrigation		3	47	161	II	High
iii.	Method of irrigation		3	47	161	II	High
iv.	Understand of drain		3	47	161	II	High
vi.	Interculture						
i.	Number of weeding			50	150	IV	Medium
ii.	Proper time of weeding			50	150	IV	Medium
iii.	Use of improved implement for weeding			50	150	IV	Medium
VII.	Weed control						
i.	Identification of weed of crop		3	47	161	II	High
ii.	Control weeding of chemical method	1	26	23	122	XII	Low
VIII	Harvesting						
i.	Proper time of harvesting			50	150	IV	Medium
ii.	Proper method of harvesting			50	150	IV	Medium
iii.	Improved implement of harvesting			50	150	IV	Medium
IX.	Threshing & winnowing						
i.	Improved implement of winnowing			50	150	IV	Medium
ii.	Proper method of winnowing			50	150	IV	Medium
iii.	Improved implement of threshing			50	150	IV	Medium
iv.	Proper method of threshing			50	150	IV	Medium
X.	storage						
i.	Storage of grain by application of chemical	3	16	31	138	VIII	Medium
ii.	Ideal storage house	2	8	40	140	VII	Medium
iii.	Moisture temperature & humidity of storage	2	8	40	140	VII	Medium

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