Appendix A

Initial Factor Loading Matrix for all 22 Scale Items.

The table below presents the initial rotated component matrix for the original 22-item scale. To achieve the final, robust 10-item scale, items failing to meet the strict psychometric criteria (e.g., maximum loadings below 0.50, negative primary loadings, or high secondary cross-loadings) or exhibiting conceptual redundancy were systematically excluded.

Item	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Status
ICTs provide possible solutions to the present agricultural situation.	0.117	0.044	0.041	0.068	0.105	0.093	0.002	Eliminated
ICTs can not meet location specific needs of the farmers.	-0.008	**0.797**	-0.090	-0.012	0.089	-0.047	-0.025	Retained
ICTs are potential tools to reach the needy farmers.	**0.543**	-0.076	0.137	-0.144	0.080	-0.036	-0.256	Retained
Farmers feed back is fast through ICTs than traditional methods	**0.611**	-0.040	-0.153	-0.007	-0.153	0.044	-0.223	Retained
Illiteracy will not deter farmers in availing ICT services.	0.135	0.189	0.320	0.276	0.182	0.139	0.102	Eliminated
ICTs can not deliver personalized information.	0.092	-0.058	-0.054	0.033	-0.033	**0.777**	0.128	Eliminated
ICT based extension services assist the farmer in planning and decision making aspects in agriculture.	0.210	**0.547**	0.183	-0.072	-0.163	-0.103	0.032	Retained

'ICT services' is a distant dream for resource poor farmers.	-0.057	-0.048	0.009	-0.007	-0.053	0.099	**0.798**	Eliminated
Farmers can get remunerative prices to their produce through ICT based market intelligence.	0.223	-0.259	0.146	0.062	0.052	-0.152	0.280	Eliminated
Expert advice makes the farmers enterprise/activities productive.	0.023	-0.119	0.093	-0.147	**-0.723**	0.158	0.070	Retained
All kinds of information exchange are possible only through ICTs.	-0.037	-0.070	0.007	0.099	0.018	-0.050	-0.309	Eliminated
Existing infrastructure of ICTs is not enough to meet the needs of the farming community.	0.005	0.011	0.019	-0.041	-0.029	-0.105	-0.013	Eliminated
Only resourceful farmers can get the benefit of the ICTs	0.053	-0.086	0.091	-0.123	**0.762**	0.089	0.018	Retained
Access to information centre at village level is boon to the farming community.	-0.210	0.215	**0.633**	-0.063	-0.191	0.110	-0.080	Retained
Phone-in-live with scientists gives first hand information about queries.	0.064	0.013	0.092	0.086	0.033	-0.005	0.086	Eliminated
ICTs alone would solve the problems of farmers.	0.180	0.157	0.036	0.022	0.057	0.015	0.115	Retained* (See note)

ICT based Pest/disease outbreak warning system facilitate farmers to take preventive measures.	**0.591**	0.135	-0.124	0.033	0.066	0.036	0.239	Retained
ICT extension services avoid the personal extension contact.	-0.016	-0.142	0.089	0.050	-0.050	0.487	-0.415	Eliminated
ICTs based extension services provide new opportunity to build a skilled and knowledge community.	0.119	-0.167	0.012	**0.624**	-0.032	-0.415	-0.069	Retained
ICT is a valuable tool, but it will never influence farmers' own decision making.	0.059	-0.269	**0.660**	0.017	0.131	-0.168	0.018	Eliminated
Weather forecasting through ICTs assists farmers in timely decisions.	-0.107	0.022	-0.010	**0.786**	0.014	0.194	0.016	Eliminated
ICT based extension services are alternative to the present extension system.	0.170	-0.044	-0.024	-0.004	-0.003	0.016	0.153	Eliminated

Note: Item 16 ("ICTs alone would solve the problems of farmers") exhibited a primary loading below the strict 0.50 statistical threshold in the initial unforced extraction. However, it was purposefully retained by the researchers due to its critical qualitative significance in capturing 'technology idealism' and accurately assessing structural misconceptions among farmers in the local context.