Quick technology evaluation sheet

This sheet is designed to assess the viability and potential range of application for a technology. The objectives are to:

- 1. Clarify the target users (audience) for the technology and the problem being addressed
- 2. Articulate requirements for and benefits of the technology
- 3. Identify where the technology could be applied and cost implications

Who are your target users? (consider gender, the knowledge base, demographics such as age, land tenure, access to credit and market, etc.)						
What problem does your intervention solve and main cause of the problem?	what is					
Have the target users widely expressed interest problem? (Consider who was asked? Gender?)	t in the					
What fraction of possible users could realistically and benefit?	y adopt					
2) Summary description of differences b						
what are th	ie major differ	najor differences between the "new" and present practice				
Consider factors like Requirements: e.g., Labor, inputs, credit and resource When it is done Who is involved (gender?) Effects on the environment						
Are inputs easily available						
(Do input providers exist)?	☐ Yes	☐ Could be	☐ Could be an issue			
Are inputs readily affordable? (Consider gender)	□ Yes	☐ Could be	an issue			
Is more labor or capital required?	☐ Yes	☐ Could be	an issue			
Is credit (if needed) readily available and affordable? (Consider gender, age,)	☐ Yes	☐ Could be	☐ Could be an issue			
Is the technology easy to understand and test? (Consider gender)	☐ Yes	☐ Could be	e an issue			
How much training is required?	□ A little	e □ A fair amount	☐ A lot			
Note any fragile parts or maintenance needs?						
3) Solution - Where does it fit?						
List any specific environmental conditions needed – e.g., climate, soil type, etc.						
List any socio-economic conditions required (e.g., capital, market, infrastructure, culture)						





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4) Solution - Bei	nefits?						
Type of benefit:	Yield change? ☐ Ye						
	Quality change?						
	Other (e.g., labor reduction,)						
la thanna a dafinita	(If labor, are there ge			2 D Van D Marika			
Is there a definite in the last series in the last series and the last series are the last series and the last series are the	market for product excess o	or better price i	for better quality	y? ⊔ Yes ⊔ Maybe □ Maybe			
	ake to recover costs of the t		LI INO	Li Maybe			
Tiow long does it to	are to recover costs of the t	echhology:					
5) Solution - Risl	ks?						
Specify any possib							
What might limit a	dontion or tooting?						
What might limit a	aoption or testing?			_			
6) Economic ar	nalysis - Cost compariso	on of new a	nd old practi	ces			
Requirements	Present practice			New practice (\$)			
Labor	M		М				
(Male/Female)	F		F				
Inputs required							
Capital							
requirements							
Operating costs							
Credit costs							
Other							
Total							
	c analysis, see the CIMMY			_			
	immyt.org/xmlui/bitstream						
	e of Return (MRR): amou			nat the farmer could earn			
per each add	itional dollar that spends (on the techno					
N4 1 1 1 1	and an afficient		New – pi	resent (\$)			
revenue per addi	or benefit (amount of						
	ost per additional item			_			
produced) =	ost per additional item						
p.caacca)							
Marginal rate of	return (MRR) = Net benefit	/Marginal cost	*100 (%) =				
_	often cited as a minimum MF	-	, ,				
			,	,			
3) Conclusion							
What might limit ad	option or testing?						
What factors might	you need to address to ens	ure success a	nd technology	spread?			
1							
2							
3.							



