

Project Selection Tools by Dorji Penjore (work under progress)

3. Livestock

Indicators

3. Livestock.....	1
1. Traditional resource management	2
2. Farmland availability	2
3. Soil erosion	2
4. Urban migration.....	2
5. Labour-saving devices	2
6. Rural credit	3
7. Manure inputs	3
8. Traditional breeds	3
9. Traditional livestock rearing practices	3
10. Nutrition.....	4
11. Food self-sufficiency	4
12. Livestock productivity	4
13. Breed quality.....	4
14. Crop damage.....	4
15. Factory farming	5
16. Rural income.....	5
17. Ecological impact	5
18. Respect for natural environment.....	5
19. Competition over water	5
20. Water demand.....	6
21. Water pollution	6
22. Employment	6
23. Equity.....	6
24. Insurance.....	6

Project Selection Tools by Dorji Penjore (work under progress)

1. Traditional resource management			
Will lead to the loss of traditional natural resource management knowledge and institutions	Do not know the effects on traditional natural resource management knowledge and institutions	Will not have any appreciable effects on traditional natural resource management knowledge and institutions	Will lead to the loss of traditional natural resource management knowledge and institutions
1	2	3	4

2. Farmland availability			
Will encroach on farmlands: <i>kamzhing</i> , <i>chhuzhing</i> and <i>pangzhing</i>	Do not know the effects on farmlands: <i>kamzhing</i> , <i>chhuzhing</i> and <i>pangzhing</i>	Will not have any appreciable effects on farmlands: <i>kamzhing</i> , <i>chhuzhing</i> and <i>pangzhing</i>	Will increase farmlands: <i>kamzhing</i> , <i>chhuzhing</i> and <i>pangzhing</i>
1	2	3	4

3. Soil erosion			
Will increase soil erosion	Do not know the effects on soil erosion	Will not have any appreciable effects on soil erosion	Will reduce soil erosion
1	2	3	4

4. Urban migration			
Will increase rates of rural-urban migration	Do not know the effects on rural-urban migration	Will not have any appreciable effects on rural-urban migration	Will decrease rates of rural-urban migration
1	2	3	4

5. Labour-saving devices			
Will decrease the	Do not know the	Will not have any	Will increase the

Project Selection Tools by Dorji Penjore (work under progress)

availability of labour-saving devices	effects on the availability of labour-saving devices	appreciable effects on the availability of labour-saving devices	availability of labour-saving devices
1	2	3	4

6. Rural credit			
Will decrease availability of rural credit	Do not know the effects on the availability of rural credit	Will not have any appreciable effects on the availability of rural credit	Will increase availability of rural credit
1	2	3	4

7. Manure inputs			
Will favour chemical fertilizer inputs over farmyard manure	Do not know the effects on manure inputs	Will not have any appreciable effects on manure inputs	Will favour farmyard manure inputs over chemical fertilizers
1	2	3	4

8. Traditional breeds			
Will favour imported varieties over traditional breeds	Do not know the effects on the use of traditional breed varieties	Will not have any appreciable effects on the use of traditional breed varieties	Will favour the use traditional breeds over imported varieties
1	2	3	4

9. Traditional livestock rearing practices			
Will discourage the use and innovation of traditional livestock rearing practices	Do not know the effects on the use and innovation of traditional livestock rearing practices	Will not have any appreciable effects on the use and innovation of traditional livestock rearing practices	Will promote the use and innovation of traditional livestock rearing practices
1	2	3	4

Project Selection Tools by Dorji Penjore (work under progress)

10. Nutrition			
Will result in a decline in nutritionally balanced dietary intake	Do not know the effects on nutritionally balanced dietary intake	Will not have any appreciable effects on nutritionally balanced dietary intake	Will result in an improvement in nutritionally balanced dietary intake
1	2	3	4

11. Food self-sufficiency			
Will decrease levels of rural food self-sufficiency	Do not know the effects on rural food self-sufficiency	Will not have any appreciable effects on rural food self-sufficiency	Will increase levels of rural food self-sufficiency
1	2	3	4

12. Livestock productivity			
Will result in decreased livestock yields	Do not know the effects on the productivity of livestock yields	Will not have any appreciable effects on the productivity of livestock yields	Will result in increased livestock yields
1	2	3	4

13. Breed quality			
Will result in a decline in the quality of breeding stock	Do not know the effects on the quality of breeding stock	Will not have any appreciable effects on the quality of breeding stock	Will result in an improvement in the quality of breeding stock
1	2	3	4

14. Crop damage			
Will result in a net increase on crop damage from livestock	Do not know the effects on crop damage from livestock	Will not have any effects on crop damage from livestock	Will result in a net decrease in crop damage from livestock
1	2	3	4

Project Selection Tools by Dorji Penjore (work under progress)

15. Factory farming			
Will result in an increase in factory farming of livestock	Do not know the effects on the factory farming of livestock	Will not have any appreciable effects on the factory farming of livestock	Will result in a decrease in factory farming of livestock
1	2	3	4

16. Rural income			
Will result in a net decrease in rural income levels	Do not know the effects on rural income generation	Will not have any appreciable effects on rural income generation	Will result in a net increase in rural income levels
1	2	3	4

17. Ecological impact			
Will have an adverse impact on surrounding biodiversity	Do not know the effects on surrounding biodiversity	Will not have any appreciable effects on surrounding biodiversity	Will enhance surrounding biodiversity
1	2	3	4

18. Respect for natural environment			
Will weaken traditional values of respect for the natural environment	Do not know the effects on traditional values of respect for the natural environment	Will not have any appreciable effects on traditional values of respect for the natural environment	Will strengthen traditional values of respect for the natural environment
1	2	3	4

19. Competition over water			
Will result in increased competition over water	Do not know the effects on competition over water	Will not have any appreciable effects on competition over water	Will result in reduced competition over water
1	2	3	4

Project Selection Tools by Dorji Penjore (work under progress)

20. Water demand			
Will increase the demand for water supply for livestock purposes	Do not know the effects on the demand for water supply for livestock purposes	Will not have any appreciable effects on the demand for water supply for livestock purposes	Will decrease the demand for water supply for livestock purposes
1	2	3	4

21. Water pollution			
Will increase levels of water pollution in the watershed	Do not know the effects on levels of water pollution in the watershed	Will not have any appreciable effects on levels of water pollution in the watershed	Will decrease levels of water pollution in the watershed
1	2	3	4

22. Employment			
Will result in local unemployment	Do not know if local employment will be generated	Will not have any impact on local employment	Will generate local employment
1	2	3	4

23. Equity			
Will deteriorate rural equity	Not sure if it will deteriorate rural equity	Will not have any impact on rural equity	Will improve rural equity
1	2	3	4

24. Insurance			
Will discontinue demand-based livestock insurance system	Not sure if it will introduce demand-based livestock insurance system	Will not introduce demand-based livestock insurance system	Will introduce demand-based livestock insurance system
1	2	3	4

Project Selection Tools by Dorji Penjore (work under
progress)
