

Question 4 COMMUNITY DYNAMICS

How effective are community dynamics on your land, using a scale from 1 to 10?

1 = Noneffective Community Dynamics:

- Monocropping.
- Lack of biodiversity.
- Uniformity of age in the population.
- Low genetic diversity.
- Succession is going backward (i.e. getting less complex).

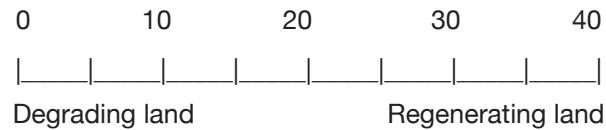
10 = Effective Community Dynamics:

- Polycropping.
- Richness of biodiversity.
- Diverse age structure in the population.
- High genetic diversity.
- Succession is going forward (i.e. getting more complex).

Circle your community dynamics score:

1 2 3 4 5 6 7 8 9 10
Noneffective Effective

Tally and Plot Your Score



3LM facilitates large-scale restoration of the world's grasslands through Holistic Management.

Economic Benefits

- Increase land productivity.
- Improve livestock health and performance.
- Increase profit and wealth.

Social Benefits

- Improve human health through quality food and fibre.
- Enhance relationships with family, employees, suppliers and community.
- Restore sense of pride in being a farmer.

Ecological Benefits

- Increase biodiversity.
- Regenerate soil.
- Mitigate drought, flood, and climate change.

For more info, please call or email.

Email: info@3LM.network

Christopher Cooke Tel: +44 (0) 7973 866930

Sheila Cooke Tel: +44 (0) 7446 780081

www.3LM.network

 [3LM_HM](https://twitter.com/3LM_HM)

How healthy is your land?

Find out in the Land Management Discovery Tour.

3LM LAND AND LIVESTOCK MANAGEMENT FOR LIFE



3LM is a member of the Savory Network.

Question 1 WATER CYCLE

How effective is water cycle on your land, using a scale from 1 to 10?

1 = Noneffective Water Cycle:

- Lots of bare, capped soil.
- Compaction, poor “rootability”.
- Many signs of erosion.
- Little infiltration of air or water into soil.
- Low resilience against flood/drought.

10 = Effective Water Cycle:

- Very high plant density, no bare soil.
- Water and air infiltrate soil quickly and easily.
- High plant “rootability”.
- No signs of erosion.
- Highly flood/drought resilient.

Circle your water cycle score:

1 2 3 4 5 6 7 8 9 10
Noneffective Effective

Question 2 MINERAL CYCLE

How effective is the mineral cycle on your land, using a scale from 1 to 10?

1 = Noneffective Mineral Cycle:

- Surface litter cover is low.
- Oxidising material rests on the soil surface.
- Slow breakdown of old vegetation.
- Few insects or microorganisms present.
- Large areas of exposed soil, compacted soil.
- Poor crumb structure with reduced underground life.

10 = Effective Mineral Cycle:

- Surface litter cover is high.
- Decaying mulch rests on the soil surface.
- Old vegetation breaks down easily.
- Large number of insects or microorganisms present.
- Very little exposed soil, plant roots abundant with deep penetration.
- Good crumb structure with abundant underground life.

Circle your mineral cycle score:

1 2 3 4 5 6 7 8 9 10
Noneffective Effective

Question 3 ENERGY FLOW

How effective is the flow of solar energy on your land, using a scale from 1 to 10?

1 = Noneffective Energy Flow:

- Very low plant density with widely spaced plants.
- Fine and narrow leaves suggest growth is constrained.
- Plants are severely grazed with 90% or more usage.
- Livestock control when they regraze plants.

10 = Effective Energy Flow:

- Very high plant density with closely spaced plants.
- Broad plant leaves suggest good conversion of solar energy.
- Plant leaves are grazed with less than 40% usage.
- Plants are given sufficient recovery time to fully restore energy in roots.

Circle your energy flow score:

1 2 3 4 5 6 7 8 9 10
Noneffective Effective