

## On-Site Dairy Evaluation: Manure Utilization

1. Is manure applied to cropland managed by the operation?

\_\_\_\_\_yes      \_\_\_\_\_no

My land base for manure application is:

\_\_\_\_\_adequate  
\_\_\_\_\_inadequate

2. I conduct manure nutrient analysis:

\_\_\_\_\_annually  
\_\_\_\_\_every 2-4 years  
\_\_\_\_\_> 4 years  
\_\_\_\_\_never

3. I use soil samples to determine nutrient levels in fields where manure will be applied:

\_\_\_\_\_annually  
\_\_\_\_\_every 2-4 years  
\_\_\_\_\_>4 years  
\_\_\_\_\_never

4. I base nutrient applications on realistic yield goals:

\_\_\_\_\_usually  
\_\_\_\_\_sometimes  
\_\_\_\_\_never

5. I consider runoff potential before manure is applied to frozen or saturated ground:

\_\_\_\_\_always  
\_\_\_\_\_once in a while  
\_\_\_\_\_never

6. I apply manure to sloping ground:

\_\_\_\_\_sometimes  
\_\_\_\_\_only in fields with filter strips  
\_\_\_\_\_never

7. I consider the distance from wells and surface water when applying manure:

\_\_\_\_\_always  
\_\_\_\_\_sometimes  
\_\_\_\_\_never

8. I know my manure application rate:

\_\_\_\_\_yes  
\_\_\_\_\_no

9. I inject or incorporate manure applications:

- within 24 hrs
- within a week
- never

10. I keep records of where and when I apply manure:

- always
- sometimes
- never

11. I know the soil series, acreages, and slopes of my fields:

- all of them
- some of them
- none of them

12. I apply manure:

- spring
- summer
- fall
- winter

13. I apply manure in the late afternoon, on holidays, or on weekends:

- always
- sometimes
- never

14. I consider wind direction before applying manure near populated areas:

- always
- sometimes
- never

15. I reduce the use of purchased fertilizers when using manure by:

- 0-10%
- 10-25%
- 25-50%
- 50-75%
- 75-100%

**Courtesy of Jessica Davis, Environmental Soil Scientist CSU**