

On-Site Dairy Evaluation: Manure Utilization

Courtesy of Jessica Davis, Environmental Soil Scientist CSU

Is manure applied to cropland managed by the operation? _____ yes _____ no

My land base for manure application is: _____ adequate _____ inadequate

I conduct manure nutrient analysis: _____ annually _____ every 2-4 years _____ > 4 years _____ never

I use soil samples to determine nutrient levels in fields where manure will be applied: _____ annually _____ every 2-4 years _____ >4 years _____ never

I base nutrient applications on realistic yield goals: _____ usually _____ sometimes _____ never

I consider runoff potential before manure is applied to frozen or saturated ground: _____ always _____ once in a while _____ never

I apply manure to sloping ground: _____ sometimes _____ only in fields with filter strips _____ never

I consider the distance from wells and surface water when applying manure: _____ always _____ sometimes _____ never

I know my manure application rate: _____ yes _____ no

I inject or incorporate manure applications: _____ within 24 hrs _____ within a week _____ never

I keep records of where and when I apply manure: _____ always _____ sometimes _____ never

I know the soil series, acreages, and slopes of my fields: _____ all of them _____ some of them _____ none of them

I apply manure: _____ spring _____ summer _____ fall _____ winter

I apply manure in the late afternoon, on holidays, or on weekends: _____ always _____ sometimes _____ never

I consider wind direction before applying manure near populated areas: _____ always _____ sometimes _____ never

I reduce the use of purchased fertilizers when using manure by: _____ 0-10% _____ 10-25% _____ 25-50% _____ 50-75% _____ 75-100%