

## Checklist of Best Management Practices

### *Lot and storage areas*

Instructions: Place a “✓” in each box indicating which conservation practices have been implemented or if the practice is not needed. If the practice will be implemented indicate the date of implementation.

Practice	Implemented	Date to be Implemented	Not needed
<i>Lot and storage areas</i>	✓		✓
Berm, ditch, gutter or otherwise divert all clean storm water away from the lot and manure stockpiles or bunkers	<input type="checkbox"/>		<input type="checkbox"/>
Pipe or otherwise enclose ditches or small streams that run through or near the lot	<input type="checkbox"/>		<input type="checkbox"/>
Locate manure stockpiles and lagoons above the flood plain and away from surface water sources and well heads	<input type="checkbox"/>		<input type="checkbox"/>
Contain all runoff from manure stockpiles and lot areas	<input type="checkbox"/>		<input type="checkbox"/>
When scraping soil-based lots do not disrupt the compacted surface layer that acts as a barrier to leaching	<input type="checkbox"/>		<input type="checkbox"/>
Design manure bunkers and wastewater lagoons based on realistic storage periods for your location, field access, and manure, wastewater and runoff volumes generated	<input type="checkbox"/>		<input type="checkbox"/>
Inspect lagoons and liquid manure storage ponds regularly to ensure seepage does not exceed state and local restrictions	<input type="checkbox"/>		<input type="checkbox"/>
Dispose of dead animals by composting, landfilling, rendering, or on-site burial if allowed by county ordinances	<input type="checkbox"/>		<input type="checkbox"/>
Fence animals out of streams or ponds to reduce disturbance and manure in water	<input type="checkbox"/>		<input type="checkbox"/>

## Checklist of Best Management Practices

### *Nutrient management*

Instructions: Place a “✓” in each box indicating which conservation practices have been implemented or if the practice is not needed. If the practice will be implemented indicate the date of implementation.

Practice	Implemented	Date to be Implemented	Not needed
<i>Nutrient management</i>	✓		✓
Keep records of manure and soil analyses, manure application rates, fertilizer applied, and crop yields	<input type="checkbox"/>		<input type="checkbox"/>
Develop a <u>nutrient management plan</u> including estimates of on-farm manure production, crop yield and nutrient uptake, soil/water/manure analysis, and calculated manure application rates	<input type="checkbox"/>		<input type="checkbox"/>
Base manure application rates on phosphorus if soil test phosphorus is above 50 ppm, the field drains to a sensitive water body, or phosphorus movement is likely	<input type="checkbox"/>		<input type="checkbox"/>
Apply supplemental commercial nitrogen and phosphorus to manured fields <u>only</u> when it has been determined that nutrients from manure will not satisfy crop needs	<input type="checkbox"/>		<input type="checkbox"/>
Maintain nutrient management plans and actual manure and fertilizer management records on file for a minimum of three years or the duration of a crop rotation	<input type="checkbox"/>		<input type="checkbox"/>
Scout fields for signs of nutrient deficiency or excess throughout the season in order to identify and correct problems that might limit crop yields	<input type="checkbox"/>		<input type="checkbox"/>

## Checklist of Best Management Practices

### *Manure application*

Instructions: Place a “✓” in each box indicating which conservation practices have been implemented or if the practice is not needed. If the practice will be implemented indicate the date of implementation.

Practice	Implemented	Date to be Implemented	Not needed
<i>Manure application</i>	✓		✓
Incorporate manure as soon as possible after application to minimize volatilization losses, reduce odor, and prevent runoff	<input type="checkbox"/>		<input type="checkbox"/>
Apply manure uniformly with properly calibrated and operated equipment	<input type="checkbox"/>		<input type="checkbox"/>
Time liquid manure applications to match crop nutrient uptake patterns to reduce the potential for nitrate leaching	<input type="checkbox"/>		<input type="checkbox"/>
Limit solid manure applications on frozen or saturated ground to fields that are at low risk for runoff	<input type="checkbox"/>		<input type="checkbox"/>
Create a buffer area away from surface water, irrigation return flow ditches, and well sources where no manure is applied to prevent the possibility of water contamination	<input type="checkbox"/>		<input type="checkbox"/>
Apply manure on a rotational basis to fields that will be planted to high nitrogen use crops such as forages	<input type="checkbox"/>		<input type="checkbox"/>
If facilities do not have adequate land to dispose of manure, consider options such as composting, off-site transport, or conversion to a higher value product	<input type="checkbox"/>		<input type="checkbox"/>

