NUTRIENT MANAGEMENT DESIGN AND SPECIFICATIONS

Landuser_____ Tract/Field_____

Assisted by_____ Date_____

PURPOSE (Check all that apply)			
Budget and supply nutrients for plant production	✓	Utilize manure/organic materials as a nutrient source	
Minimize agricultural non-point source pollution (water quality)	✓	Maintain or improve soil condition	✔

Table 1. Field Conditions and Recommendations

CROP SEQUENCE/ROTATION (check current crop in small box)					EXPECTED YIELD

CURRENT SOIL TEST LEVELS (specify ppm or lb./ac)						
N	P	K	pH	OM%	EC	Texture

RECOMMENDED NUTRIENTS/AMENDMENTS TO MEET EXPECTED YIELD					
N[1]	P_2O_5[2]	K_2O[3]	LIME	Other_____	Other_____

Table 2. Nutrient Sources

Nitrogen Credits		N		P_2O_5		K_2O	
		pounds per acre					
1. Nitrogen credits from previous legume crop[4]							
2. Residual from long-term manure application							
3. Irrigation water[5]							
4. Other (e.g., atmospheric deposition)[6]							
5. **Total credits**							
Plant-Available Nutrients Applied to Field		N		P_2O_5		K_2O	
(Circle column that is landuser's decision)		Current	Plan	Current	Plan	Current	Plan
6. Credits (from row 5, above)							
7. Fertilizer	Starter/Plow Down/Fertigation						
	Side Dress/Other (specify by circling)						
8. Manure / Organic Materials							
9. Subtotal (sum of lines 6, 7 and 8)							
10. Nutrients Recommended (from Table 1)							
11. Nutrient Status (subtract line 10 from line 9)							
If line 11 is a negative number, this is the amount of additional nutrients needed to meet the crop recommendation.							
If line 11 is a positive number, this is the amount by which the available nutrients exceed the crop requirements.							

NUTRIENT MANAGEMENT SPECIFICATIONS						
Amount to be Applied (lb./ac)	**N**		**P2O5**		**K_20**	
Method, Form, and Timing of Application:						

Nutrient Management - Job Sketch

Attach an aerial location map, showing any sensitive areas (surface water bodies, wells, irrigation delivery ditches/canals) and required setback zones. Include field names, acres and identify waste utilization application areas with acres.

Perform the following operations and maintenance:
Review this nutrient management plan every year.
Maintain field records for 5 years
Calibrate application equipment to apply within +/- **10%** of the recommended rate.
Handle all nutrient material with caution. Wear appropriate protective clothing.
Clean up residual materials from equipment and dispose of properly.
Additional Specifications and Notes

I have read the above Nutrient Management Design and Specification and agree to apply as specified.

Producer signature _____ **Date** _____

Nutrient Management Specialist signature _____ **Date** _____

[1-3] From University of Wyoming, Guide to Wyoming Fertilizer Recommendations
[4] Only if legume part of rotation since last soil test.
[5] Use actual irrigation water test -- 2.7 x ppm NO_3 X Ac-Ft. Water
[6] Use only if within 100 miles from a National Atmospheric Deposition Program site