

# Nutrient Management Plan Writing

## General Information

### Farm Operator/Manager

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Farm Address: \_\_\_\_\_

### Owner (if different from operator)

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

### Fertilizer Supplier (if applicable)

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

### Biosolid Supplier (if applicable)

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

## Need for Plan

**Cost-Share/Tax Credit:** ☐ Yes ☐ No

If yes, type: \_\_\_\_\_

NRCS/SWCD Representative: \_\_\_\_\_

**Virginia Pollution Abatement (VPA):** ☐ Yes ☐ No

If yes, provide permit number if existing: \_\_\_\_\_

Integrator: \_\_\_\_\_

**Voluntary:** ☐ Yes ☐ No

If yes: \_\_\_\_\_

**Other:** \_\_\_\_\_

## Farm Management

### Soil Samples:

Who takes the soil sample: \_\_\_\_\_

Samples are taken every: ☐ 1 year ☐ 2 years ☐ 3 years

Are there current soil samples for each field to be in the plan? ☐ Yes ☐ No

Where are the samples sent: \_\_\_\_\_

Who makes recommendations

☐ Extension ☐ Laboratory ☐ Fertilizer Dealer ☐ Consultant ☐ Yourself

### Are tissue samples taken?

☐ Yes ☐ No

What crops: \_\_\_\_\_

Are soil nitrate tests taken? ☐ PSNT before side dressing corn

☐ Pre-plant nitrate test for small grain

## Livestock, Manure Production, & Storage Information

### Poultry

Type:

- ☐ chicken ☐ turkey  
☐ broilers ☐ breeder ☐ layer ☐ pullet ☐ tom

birds/flock: \_\_\_\_\_ no. of cycles/year: \_\_\_\_\_

Integrator: \_\_\_\_\_

Number of total clean outs/year: \_\_\_\_\_

Is manure applied on-farm or sold:

☐ On-farm; amount \_\_\_\_\_ ☐ Sold; amount \_\_\_\_\_

Average number of days before incorporation, if applied on-farm:

- ☐ Injected/Immediate ☐ After 2 days ☐ After 4 days  
☐ After 7 days or no incorporation ☐ Irrigated without incorporation

Manure Analysis: ☐ Yes ☐ No

Lab: \_\_\_\_\_

Sample date: \_\_\_\_\_

Analysis: TKN: \_\_\_\_\_ NH<sub>4</sub>: \_\_\_\_\_ P<sub>2</sub>O<sub>5</sub>: \_\_\_\_\_ K<sub>2</sub>O: \_\_\_\_\_

Manure Spreader: ☐ Yes ☐ No ☐ Custom spreader

Type: \_\_\_\_\_ Capacity: \_\_\_\_\_ Width of pattern: \_\_\_\_\_ ft.

Calibrated: ☐ Yes ☐ No

Date: \_\_\_\_\_

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## Dairy, Beef, Swine, etc.

Type: \_\_\_\_\_

Number: \_\_\_\_\_

Average weight: \_\_\_\_\_

Percent of time confined: \_\_\_\_%

Type of manure storage and capacity: \_\_\_\_\_

Frequency of clean out per year: \_\_\_\_\_

Does feed lot drain into manure storage? ☐ Yes ☐ No

If yes, total uncovered area that drains into storage: \_\_\_\_\_ sq. ft.  
☐ Paved ☐ Unpaved

Does any roofed area drain into storage: ☐ Yes ☐ No

If yes, total area of roof(s) draining into storage: \_\_\_\_\_ sq. ft.

Is manure applied on-farm or sold:

☐ On-farm; amount \_\_\_\_\_ ☐ Sold; amount \_\_\_\_\_

Average number of days before incorporation, if applied on-farm:

☐ Injected/Immediate ☐ After 2 days ☐ After 4 days  
☐ After 7 days or no incorporation ☐ Irrigated without incorporation

Manue Analysis: ☐ Yes ☐ No

Lab: \_\_\_\_\_

Sample Date: \_\_\_\_\_

Analysis: TKN: \_\_\_\_\_ NH<sub>4</sub>: \_\_\_\_\_ P<sub>2</sub>O<sub>5</sub>: \_\_\_\_\_ K<sub>2</sub>O: \_\_\_\_\_

Manure Spreader: ☐ Yes ☐ No ☐ Custom spreader

Type: \_\_\_\_\_ Capacity: \_\_\_\_\_ Width of pattern: \_\_\_\_\_ ft.

Calibrated: ☐ Yes ☐ No

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## Biosolids

Are you scheduled to receive biosolids or other off-farm nutrient sources: ☐ Yes ☐ No

Locations receiving biosolids: \_\_\_\_\_

\_\_\_\_\_

Locations previously received biosolids: \_\_\_\_\_

\_\_\_\_\_

Amount applied: \_\_\_\_\_ tons.

Analysis: TKN: \_\_\_\_\_ NH<sub>4</sub>: \_\_\_\_\_ P<sub>2</sub>O<sub>5</sub>: \_\_\_\_\_ K<sub>2</sub>O: \_\_\_\_\_ Ca: \_\_\_\_\_ Mg: \_\_\_\_\_

CCE: \_\_\_\_\_

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## Phosphorous Index

Are there fields with VH soil analysis receiving organic fertilizer: ☐ Yes ☐ No

Field Name/Number: \_\_\_\_\_

Distance to Stream: \_\_\_\_\_

Riparian Buffer Width between Field and Stream: \_\_\_\_\_

Crop Type: ☐ Crop ☐ Continuous No-Till Crop ☐ Continuous Grass (hay/pasture)

Conservation Practice Crop Acres (check all that apply):

☐ Contour (<1% grade) strip ☐ Terrace ☐ Conservation tillage (>30% residue)

Conservation Practice Pasture:

☐ <50% ground cover or heavily grazed with no mulch ☐ 50-75% ground cover and not heavily grazed ☐  
> 75% ground cover and lightly or only occasionally grazed

Field Name/Number: \_\_\_\_\_

Distance to Stream: \_\_\_\_\_

Riparian Buffer Width between Field and Stream: \_\_\_\_\_

Crop Type: ☐ Crop ☐ Continuous No-Till Crop ☐ Continuous Grass (hay/pasture)

Conservation Practice Crop Acres (check all that apply):

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☐ <50% ground cover or heavily grazed with no mulch ☐ 50-75% ground cover and not heavily grazed ☐  
> 75% ground cover and lightly or only occasionally grazed

Field Name/Number: \_\_\_\_\_

Distance to Stream: \_\_\_\_\_

Riparian Buffer Width between Field and Stream: \_\_\_\_\_

Crop Type: ☐ Crop ☐ Continuous No-Till Crop ☐ Continuous Grass (hay/pasture)

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> 75% ground cover and lightly or only occasionally grazed

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## Crop Acreage

### Corn:

Grain: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre ☐ Irrigated \_\_\_\_\_ acres

Silage: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre ☐ Irrigated \_\_\_\_\_ acres

### Small Grain:

Wheat: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Barley: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Rye: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Oats: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Triticale: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

### Soybeans:

Early: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Double Crop: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

### Forage:

Grass: \_\_\_\_\_ type \_\_\_\_\_ acres

Legume: \_\_\_\_\_ type \_\_\_\_\_ % legume \_\_\_\_\_ acres

Mixture: \_\_\_\_\_ type \_\_\_\_\_ acres

Hay: \_\_\_\_\_ type \_\_\_\_\_ acres

Pasture: \_\_\_\_\_ type \_\_\_\_\_ acres

### Annual acreage planted in cover crops:

Wheat: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Barley: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Rye: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Oats: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Triticale: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

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Legume: ☐ Conventional \_\_\_\_\_ acres ☐ No-till \_\_\_\_\_ acre

Type: \_\_\_\_\_ Legume %: \_\_\_\_\_

**Other Crops:**

Type: \_\_\_\_\_ acres \_\_\_\_\_

Type: \_\_\_\_\_ acres \_\_\_\_\_

Type: \_\_\_\_\_ acres \_\_\_\_\_

**Total Acreage\*:** \_\_\_\_\_

\*Do not add double crop acres in total

**Fertilizer Spreader:** ☐ Yes ☐ No ☐ Custom spreader

Type: \_\_\_\_\_ Capacity: \_\_\_\_\_ Width of pattern: \_\_\_\_\_ ft.

Calibrated: ☐ Yes ☐ No

Date: \_\_\_\_\_



# Nutrient Management Plan Writing

**General nutrient application for each crop or rotation (lbs./ac. plant food)**

| <b>Crop</b>        | <b>Pre-Plant<br/>Rate/Month</b> | <b>At Planting<br/>Rate/Month</b> | <b>Top Dress<br/>Rate/Month</b> | <b>Side Dress<br/>Rate/Month</b> | <b>Tillage<br/>*C/MT/NT</b> |
|--------------------|---------------------------------|-----------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Corn               |                                 |                                   |                                 |                                  |                             |
| Wheat/DC Soybeans  |                                 |                                   |                                 |                                  |                             |
| Barley/DC Soybeans |                                 |                                   |                                 |                                  |                             |
| Corn /Rye Silage   |                                 |                                   |                                 |                                  |                             |
| Hay/Pasture        |                                 |                                   |                                 |                                  |                             |
| Alfalfa**          |                                 |                                   |                                 |                                  |                             |
| Tall Grass Hay**   |                                 |                                   |                                 |                                  |                             |
| Pasture**          |                                 |                                   |                                 |                                  |                             |
|                    |                                 |                                   |                                 |                                  |                             |

\* C-Conventional, MT-Minimum till, NT- No-till

\*\* Note percentage of legumes in forage mixes

[illegible]