Canada Organic Regime (COR)

Nutrient Management Worksheet: 20% Water-Soluble Limit (Clause 5.4.4)

> **Purpose:** Use this worksheet to calculate compliance with the COR 20% limit on water-soluble Nitrogen (N) and Phosphorus (P). *Note:* Standard unfortified manure, dairy effluent, anaerobic digestate, compost, and compost teas are **exempt** and should not be entered in Step 3 unless fortified with commercial soluble nutrients.

Step 1: Operation & Crop Baseline

Field / Pasture ID:	_____	**Crop Type / Forage:**	_____
Target Yield:	_____ t/ha (or ac)	**Total Field Area:**	_____ ha (or ac)

Step 2: Total Crop Nutrient Needs & 20% Cap

> Enter the total recommended nutrient needs for your target yield based on soil tests or regional agronomic guides.

NUTRIENT METRIC	NITROGEN (N)	PHOSPHORUS (P_2O_5 OR P)
A. Total Crop Need (kg/ha or lbs/ac)	_____	_____
B. 20% Soluble Limit Cap (Row A × 0.20)	_____	_____

Step 3: Planned Water-Soluble Inputs (Table 4.2 Column 1)

> List only processed, highly soluble commercial inputs (e.g., fish emulsions, guano, soluble mined minerals, fortified amendments).

INPUT PRODUCT NAME	APPLICATION RATE	% N CONTENT	% P CONTENT	TOTAL SOLUBLE N APPLIED	TOTAL SOLUBLE P APPLIED
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C. Total Planned Soluble Nutrients:				----------	----------

Step 4: Compliance Verification

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Calculation: (Row C ÷ Row A) × 100 = _________ %
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Verification Checklist:

[ ] **Nitrogen Compliance:** Is Row C (Nitrogen) less than or equal to Row B? [ ] YES [ ] NO

[ ] **Phosphorus Compliance:** Is Row C (Phosphorus) less than or equal to Row B? [ ] YES [ ] NO

**If NO to either, a Corrective Action Plan must be developed by March 2027 to phase down usage by December 2029.*