# NMP Standard Format Version 10.0 Released – October 2024

The Nutrient Management Program has updated the Nutrient Management Plan (NMP) Spreadsheet to Version 10.0. Several updates were added to resolve identified issues and provide additional information.

## Planners must use NMP Version10.0 when planning for crop year 2026 and beyond.

Highlights of these updates include:

## 1. Appendix 3 Manure Group Information Printout / Manure Average Printout

**1.1.** Updated the Appendix 3 Manure Group Information printouts so "Average will be displayed when two or more years of manure analyses reports are entered in the manure average input worksheet.

Appendix 3 Manure Group Information	L	aying	Hen			
Manure Report Date(s) (Refer to 5-yr Manure Average Printout)	10/05/2023 (Ave	erage)				
Laboratory Name	Dandy Don's	Lab				
Manure Type	Poultry					
Manure Unit (Ibs/ton or 1000 gal)	lb/ton					
Total Nitrogen (N) (Ibs/ton or 1000 gal)	70.00	\				
Ammonium N (NH₄-N) (Ibs/ton or 1000 gal)	35.00		ure Report Date Manure Report Da	e te is transferred from t	the Manure Averag	e Input tab.
Total Organic N (Ibs/ton or 1000 gal)	35.00	It's t	he report date from	n the most recent ana	ysis report for the	manure group.
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (Ibs/ton or 1000 gal)	45.00		manure group nan " will be displayed		report date is blank	then "complete report
Total Potash (K <sub>2</sub> O) (Ibs/ton or 1000 gal)	45.00			gle year analyses or ar		ō years.
Percent Solids	25.00	Rele	r to the S-year Ma	anure Average printou		
PSC Value (analytical or book value)	0.61					
Percent Moisture	75.00					
Manure Group AEU's	31.30					

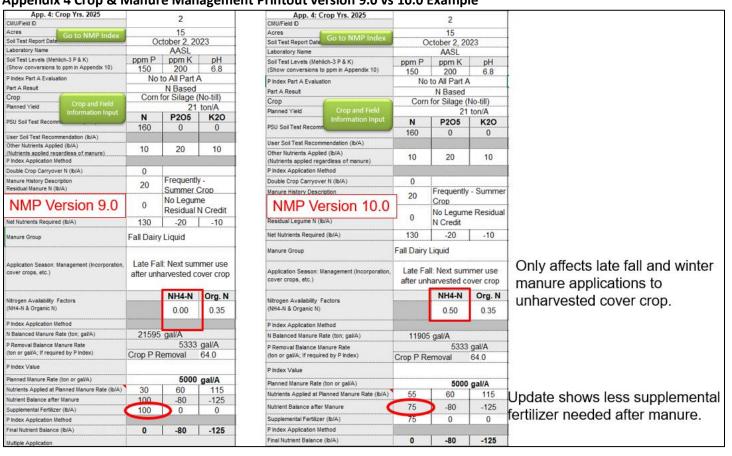
## Appendix 3 Manure Group Information Printout Example

### Manure Group Analyses 5 year Average Printout Example

	Manure A	Analysis 5 Yea	ar Running Av	verage		
			Laying	Hen		
Manure Average	Average (If Applicable)	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	10/05/2023 (Average)	Oct 05 2023	Sep 29 2022			
Laboratory Name	Dandy Don's Lab	Dandy Don's Lab	AASL			
Manure Type	Poultry	Poultry	Poultry			
Manure Unit (Ibs/ton or 1000 gal)	lb/ton	lb/ton	lb/ton			*
Total Nitrogen (N) (Ibs/ton or 1000 gal)	70.00	60.00	80.00			
Ammonium N (NH <sub>4</sub> -N) (Ibs/ton or 1000 gal)	35.00	30.00	40.00			
Total Organic N (Ibs/ton or 1000 gal)	35.00	30.00	40.00			
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (Ibs/ton or 1000 gal)	45.00	50.00	40.00			
Total Potash (K <sub>2</sub> O) (Ibs/ton or 1000 gal)	45.00	40.00	50.00			
Percent Solids	25.00	20.00	30.00			
PSC Value (Enter analytical or book value)	0.61	0.66	0.55			

## 2. Appendix 4 Crop & Manure Management Input / Printout Worksheets

- 2.1. The manure type lookup for Animal Group 6 uncollected manure in Manure Group 5 was updated to report the correct manure type.
- 2.2. Updated late fall and winter ammonium nitrogen values for next summer use after unharvested cover crop to be consistent with Penn State Agronomy Guide Table 1.2-12.



#### Appendix 4 Crop & Manure Management Printout version 9.0 vs 10.0 Example

# 3. Appendix 10 Supporting Information & Documentation

**3.1.** NMP Appendix 10 has been moved from the Excel to the Word file.

File	e	Home	ANIN	/AL-M	ANURE	INFOR	MATIO	N (	CROP-	FIELD	INFOR	MATI	ON	NMF	SUM	IMARY	-NOTE	S APP	ENDIX 10-	PRINTI	NG	INFORI
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# NMP Version 10.0

Appendix-10¤	]x
Supporting Information & Documentation	r
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# 4. Optional Worksheet - Grazing Calculator

**4.1.** Updated individual field information so animal group uncollected manure is shown.

		C	alculator to	deter	mine	manu	ire n	utrien	its depo	sited	l by g	razi	ing	unn	nals	
NM	P Ve	ersion	10.0			Grazin	g Séason i	nformation	Total Uncollected Manure	Animal Group	Planne Manur Rate			d Averag sients (Ib		
Field or CMU ID	Acres	Field and Grazing Group Name	Animal Group		nal Dags ber Pastu		End Month	Hours / Day on Pasture	deposited on 1 the field Tons	Uncollecte Manure Tons/A	t Uncollec Manu Tons/	10 N	H4: D	19N Pa	o, K,	0 Grazing Note
Pasture	3.79	Field Pasture - Grazing Calculator	Sheep - Uncollecte	ed 1!	5 240	Apr.	Nov.	12	29.27	1.66	7.72		1	16 (	5 1.	The grazing group includes the following animals on pasture: 15 sheep from the Sheep animal
Clear	Grazing Fi	īeld	Lambs - Uncollect	ed 15	5 240	Apr.	Sep.	12		0.76						group, 12 hours per day for 240 days, from Apr. to Nov. 15 sheep from the Lambs animal group, 12
		_	Ram - Uncollected	1	240	Apr.	Nov.	12		0.14						hours per day for 240 days, from Ap to Sep. 1 sheep from the Ram
			Steers - Uncollecte	ed 12	2 210	May.	Nov.	8		5.16						animal group, 12 hours per day for 3 days, from Apr. to Nov. 12 beef finishers from the Steers animal
							-			_						group,8 hours per day for 210 days,from May, to Nov.
		Cal	culator to de	eterm	ine n	nanu	re nu	utrien	ts depo	osite	dby	graz	zing	g an	ima	ls
				eterm	ine n			utrien	Total Uncoller Manure	cted PI	anned	Weigt	nted Av	g an erage M ts (lbfor	anure	ls
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asture	3.70	ersion Googe Form Field Pasture - razing Calculato	9.x al Group	Animal Number	Days on Pasture	Grazing S Begin Month	Season In End Month	formation Hours / Day on Pasture	Total Uncolled Manure deposited on field Tons	cted Pi the Man Unc M T	anned ure Rate collected anure ons/A	Weigt NH4- N	nted Av Nutrien Org-N	erage M ts (Ibilion P <sub>1</sub> O <sub>5</sub>	anure ) K <sub>i</sub> O	Crazing Note The grazing group includes the following animals on pasture: 15 sheep from the Sheep animal group.12 hours per day for 240 days,from Apr. to Nov. 15
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## Grazing Calculator Printout version 10.0 vs 9.x Example

## 5. Previous NMP Version Transfers

Previous versions of NMP 8.x and 9.x files can be transferred to NMP Version 10.0.

As a reminder, there is a detailed description of all the updates in the Version Updates tab of the NMP spreadsheet. It is also posted on the website in the "Latest News" section.

The standard format Excel file: **NMP Version 10.0 2024-10 (2007-2019 Excel)** is now available on the Nutrient Management Website under planning tools.

If you have any questions regarding the updated spreadsheet version, please contact: Don Orner at: <u>dgo2@psu.edu</u> |Phone: 610-804-0010 Kathleen Arrington at <u>kea106@psu.edu</u> | Phone: 814-863-0668