

How to Complete Farm Specific Animal List

Purpose and Overview:

This procedure describes how to complete the Farm Specific Animal List Input sheet. All animal types in a Nutrient Management Plan, (NMP), are selected here. Most all of the animal types listed in Agronomy Facts 54 are available for selection.

To complete this page, select the Species Type then the Animal Type. The standard animal weight will be automatically listed. Animal weights from farm records can be added and used instead of book values in the NMP. The selected animal types will be available for selection in the Animal Type drop down box in Appendix 3 Input.

To add animals not listed in the Farm Specific Animal List tab, go to the Animal Type-Manure Production tab and enter animal type information beginning in the first available yellow row at the bottom of the table. It will then be available after selecting the User Entered Animal Type in the Species Type column of the Farm Specific Animal List tab.

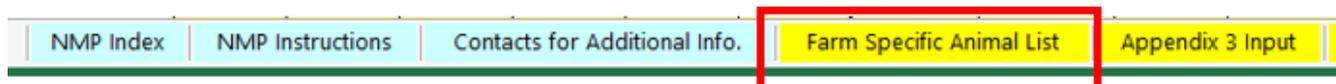
To clear a row - Select the Species Type in a row and press the delete key or use the clear contents command. This will clear all user entered information for that row. To clear the entire table select all the Species Type input cells that are populated and press the delete key.

This particular worksheet requires data entry so it has a yellow colored sheet tab in the NMP workbook. A maximum of 50 Animal types can be selected on this page.

You can find the Farm Specific Animal List tab by looking for the hyper link in the NMP Spreadsheet Index

	A	B	C	D	E	F	G
1	NMP Spreadsheet Index						
2	NMP Version 6.0 Draft 2017-10 (2007-2010 Excel)						
3	NMP Instructions						
4	Contacts for Additional Information						
5	Input: Create Farm Specific Animal List						
6	Input: Manure Group Information Input Sheet						
7	Input: Manure Analysis Average						
8	Input: Create Farm Crop List						
9	Input: Appendix 4 - P Index - Winter Matrix						
10	NMP Summary						

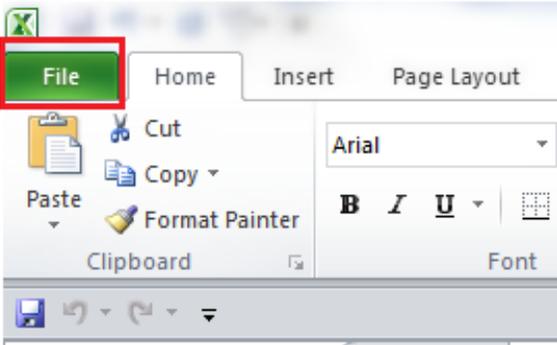
Or just scroll through the tabs until you find it. The tab in the NMP Spreadsheet that looks like this:



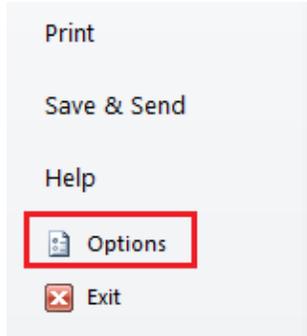
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Navigating this worksheet and the NMP Excel workbook will be easier if your cursor is set to move to the right after pressing enter.

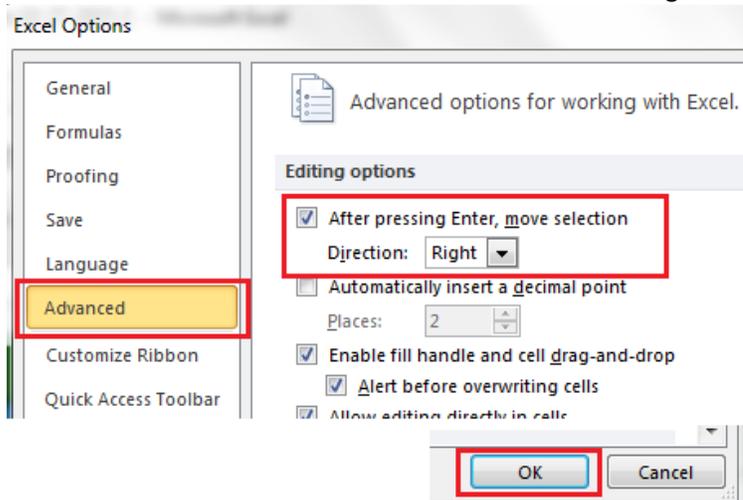
To set your cursor to move to the right, Click on the file tab in the upper left hand corner of the worksheet



Select the Options icon.



Click on the "Advanced" tab and set the direction to "Right" after pressing enter, move selection. Then click OK



How to Complete Farm Specific Animal List

1. Procedure for completing the Farm Specific Animal List

1.1. Select Farm Specific Animal List Tab

Farm Specific Animal List

1.2. Select the Species Type.

Select the species type from the drop down list. The species/production types are the same as those listed in Agronomy Facts 54. If the Species Type will be used multiple times it can be copied and pasted. (Use copy and paste not cut and paste). For example a dairy farm that has lactating cows, dry cows, heifers and calves, the "Dairy" selection can be selected once in the first row then copied and pasted in the next three rows.

Select User Entered Animal Type in the Species Type Column for any user entered animal types that were completed in the optional Animal Type-Manure Production tab.

The screenshot shows a spreadsheet with columns A, B, and C. Row 7 is the header row for the 'Farm Specific Animal List' tab, with 'Species Type' in column B and 'Animal Type' in column C. A dropdown menu is open in cell B9, listing various species types: Dairy, Beef, Veal, Swine, Poultry Layer, Poultry Broiler, Poultry Turkey, and Poultry Duck. The 'Dairy' option is highlighted with a red box. The spreadsheet background is yellow.

1.3. Select The Animal Type

Select the animal type from the drop down list. The available selections are based on the species type that was selected. If you change the species type this column selection will be cleared. The animal types listed in this column will be the only animal types available for selection in Appendix 3 Input. Additional animal types can be added later if needed

The screenshot shows the same spreadsheet as above, but now the 'Dairy' species type is entered in cell B9. The dropdown menu in cell C9 is open, showing a list of animal types: Holstein Lactating Cow, Holstein Dry Cow, Holstein Heifer: 1-2 yr., Holstein Calf: 0-1 yr., Holstein Bull, Brown Swiss Lactating Cow, Brown Swiss Dry Cow, and Brown Swiss Dry Cow. The 'Holstein Lactating Cow' option is highlighted with a red box. The spreadsheet background is yellow.

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1.4. Animal Weight

The standard animal weight listed in Agronomy Facts 54 for the animal type selected will automatically be populated and displayed. The animal weight cell is a white cell meaning it is populated by a formula and is locked.

Farm Specific Animal List				
Species Type	Animal Type	Standard Animal Weight (lbs)	Animal Weights from Farm Records (lbs)	Animal Weights used for the Nutrient Management plan (lbs)
Dairy	Holstein Lactating Cow	1450		1450

If no animal weights from farm records are available then the weight list will be the weight used in the NMP.

1.5. Entering Animal Weights from Farm Records

If the farmer has animal weight records that differ from the standard animal weights they can be entered here. The farm record weights will be used instead of standard animal weights when completing Appendix 3 Input sheet. Only enter the animal weight. Don't enter the units. For example if the animal weight based on farm records is 325 pounds then enter 325. Don't enter the units of pounds or lbs. Animals weights that are updated here will automatically be updated in Appendix 3.

Farm Specific Animal List				
Species Type	Animal Type	Standard Animal Weight (lbs)	Animal Weights from Farm Records (lbs)	Animal Weights used for the Nutrient Management plan (lbs)
Dairy	Holstein Lactating Cow	1450	1300	1300

1.6. Animal Weights used for the Nutrient Management plan

The animal weights listed will be populated automatically based on the weights listed in Agronomy Facts 54. If animal weights from farm records are entered then they will automatically be listed below. The Animal Weights used for the Nutrient Management plan is a white cell meaning it is populated by a formula and is locked.

Farm Specific Animal List				
Species Type	Animal Type	Standard Animal Weight (lbs)	Animal Weights from Farm Records (lbs)	Animal Weights used for the Nutrient Management plan (lbs)
Dairy	Holstein Lactating Cow	1450	1300	1300

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2. Enter the remaining Animal Types that will be listed in the NMP

Farm Specific Animal List				
Species Type	Animal Type	Standard Animal Weight (lbs)	Animal Weights from Farm Records (lbs)	Animal Weights used for the Nutrient Management plan (lbs)
Dairy	Holstein Lactating Cow	1450	1300	1300
Dairy	Holstein Dry Cow	1450		1450
Dairy	Holstein Heifer:1 -2 yr.	1000		1000
Dairy	Holstein Calf: 0-1 yr.	420		420
User Entered Animal Type	Holstein Heifers 4-20 mos	697		697
Light Horses and Mules	Mule Mature	1100		1100
Ponies and Donkeys	Pony Mature	600		600

3. The Animal Types selected will be available in Appendix 3 Input

The Animal Types selected will be available in Appendix 3 Input and the corresponding weights will be automatically populated.

Animal Group 1 Name	Animal Group 1 Animal type	Animal Group 1 Animal Number	Animal Group 1 Animal Weight
Milk Cows Fall	Holstein Lactating Cow		1300
Dry Cows Fall	Holstein Dry Cow		1450
Heifers Fall	Holstein Heifer:1 -2 yr.		1000
Fall Heifers 4 to 20 months	Holstein Heifers 4-20 mos		697
Fall Calves	Holstein Calf: 0-1 yr.		420
Spring Ponies	Pony Mature		600
Spring Mules	Mule Mature		1100
	<div style="border: 1px solid gray; padding: 2px;"> Holstein Lactating Cow Holstein Dry Cow Holstein Heifer:1 -2 yr. Holstein Calf: 0-1 yr. Holstein Heifers 4-20 mos Mule Mature Pony Mature </div>		

Appendix 3 Input

4. The Animal Types selected will be listed in the printed in Appendix 3 Input

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	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group
Animal Group 1	Milk Cows Fall		Dry Cows Fall		Heifers Fall		Fall Heifers 4 to 20 months
Animal Type	Holstein Lactating Cow		Holstein Dry Cow		Holstein Heifer: 1 -2 yr.		Holstein Heifers 4-20 mos
Animal Number							
Animal Weight	1,300		1,450		1,000		697
Animal Group AUs							
Animal Group AEU's							
Daily Manure Production per AU	111.0		51.0		60.0		60.0
Total Davs Manure							

Appendix 3 Manure Group Info.

5. Additional Notes

5.1. The Animal Types and Weights are listed in the spreadsheet for reference

There is a tab in the NMP workbook called Animal Type-Manure Production. This tab contains all the animal types and manure production values used in a NMP

Animal Type and Manure Production-Analysis Values												
Animal Type	Standard Animal Weight	Animal weight used in NMP	Daily manure production			"As Excreted" nutrient values				PSC Value	Select Manure Type	Common Animal Name
			Calculated		As Excreted	Used for grazing calculations						
			Collected Gallon/AU	Collected lb/AU	Uncollected lbs/Animal AU	Nitrogen lbs/Ton	P ₂ O ₅ lbs/Ton	K ₂ O lbs/Ton				
Dairy												
Holstein Lactating Cow	1,450	1300	13.0	111.0	111.0	10	4	8	0.80	Dairy	milk cows	
Holstein Dry Cow	1,450	1450	6.0	51.0	51.0	9	3	7	0.80	Dairy	dry cows	
Holstein Heifer: 1-2 yr.	1,000	1000	6.9	60.0	60.0	10	3	7	0.80	Dairy	dairy heifers	
Holstein Calf: 0-1 yr.	420	420	9.2	80.0	80.0	10	3	4	0.80	Dairy	dairy calves	
Holstein Bull	1,700	1700	6.0	51.0	51.0	9	3	7	0.80	Dairy	dairy bull	
Brown Swiss Lactating Cow	1,450	1450	13.0	111.0	111.0	10	4	8	0.80	Dairy	milk cows	
Brown Swiss Dry Cow	1,450	1450	6.0	51.0	51.0	9	3	7	0.80	Dairy	dry cows	
Brown Swiss Heifer: 1-2 yr.	1,000	1000	6.9	60.0	60.0	10	3	7	0.80	Dairy	dairy heifers	
Brown Swiss Calf: 0-1 yr.	420	420	9.2	80.0	80.0	10	3	4	0.80	Dairy	dairy calves	
Brown Swiss Bull	1,700	1700	6.0	51.0	51.0	9	3	7	0.80	Dairy	dairy bull	
Guernsey Lactating Cow	1,200	1200	13.0	111.0	111.0	10	4	8	0.80	Dairy	milk cows	
Guernsey Dry Cow	1,200	1200	6.0	51.0	51.0	9	3	7	0.80	Dairy	dry cows	
Guernsey Heifer: 1-2 yr.	865	865	6.9	60.0	60.0	10	3	7	0.80	Dairy	dairy heifers	
Guernsey Calf: 0-1 yr.	350	350	9.2	80.0	80.0	10	3	4	0.80	Dairy	dairy calves	
Guernsey Bull	1,600	1600	6.0	51.0	51.0	9	3	7	0.80	Dairy	dairy bull	

Animal Type-Manure Production

5.2. Additional Animal Types not listed can be entered in the Animal Type-Manure Production Tab

Additional Animal Types not listed can be entered in the Animal Type-Manure Production Tab. Begin in the first available yellow row at the bottom of the list. Animal types entered here will be available in the Farm Specific Animal

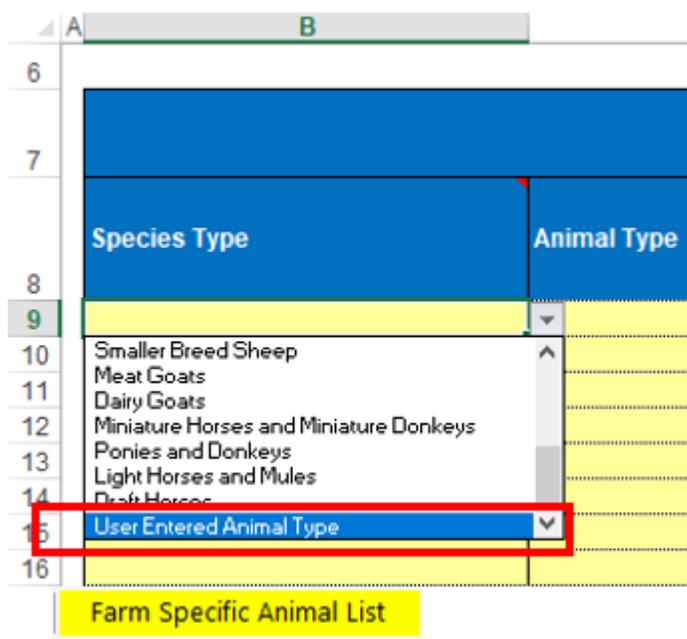
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List. Select the User Entered Animal Type for the Species Type from the dropdown list and any user entered animal types will be available for selection.

Animal Type and Manure Production-Analysis Values												
Animal Type	Standard Animal Weight	Animal weight used in NMP	Daily manure production			"As Excreted" nutrient values for			PSC Value	Select Manure Type	Common Animal Name	
			Collected Gallon/AU	Collected lb/AU	Uncollected lbs/Animal AU	Nitrogen lbs/Ton	P ₂ O ₅ lbs/Ton	K ₂ O lbs/Ton				
Draft Horse Yearling: 12–24 mo.	1150	1150	6.7	55.0	55.0	12	5	9	0.80	Other	horses	
Draft Horse Two-Year-Old: 24–36 mo.	1450	1450	6.7	55.0	55.0	12	5	9	0.80	Other	horses	
Draft Horse Mature	1800	1800	6.7	55.0	55.0	12	5	9	0.80	Other	horses	
User Entered Animals												
Holstein Heifers 4-20 mos	697	697	6.9	60	60	10	3	7	0.80	Dairy	4-20 month Heifers	
		0										
		0										
		0										
		0										
		0										
		0										
		0										

Animal Type-Manure Production

5.2.1. After you enter an animal type in the Animal Type-Manure Production Tab it can be selected in the Farm Specific Animal List by selecting the User Entered Animal Type selection from the dropdown box.



5.2.2. Select the Animal Type created in the dropdown list

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	A	B	C
6	Farm Specific Animal List		
7	Farm Specific Animal List		
8	Species Type	Animal Type	
9	User Entered Animal Type		
10		Holstein Heifers 4-20 mos	
11			
12			
13			
14			

5.2.3. The animal weight will transfer from the values entered in the Animal Type-Manure Production tab.

	B	C	D	E	F
6	Farm Specific Animal List				
7	Farm Specific Animal List				
8	Species Type	Animal Type	Standard Animal Weight (lbs)	Animal Weights from Farm Records (lbs)	Animal Weights used for the Nutrient Management plan (lbs)
9	User Entered Animal Type	Holstein Heifers 4-20 mos	697		697

5.3. How to clear a row in the Farm Specific Animal List

To clear a row - Select the Species type in a row and press the delete key or use the clear contents command. This will clear all user entered information in that row. To clear the entire table select all the species type input cells that are populated and press the delete key.

6. Revision History

Date	Previous Revision	Description of Significant Changes
Oct 5, 2017	None	First issue of the document.

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