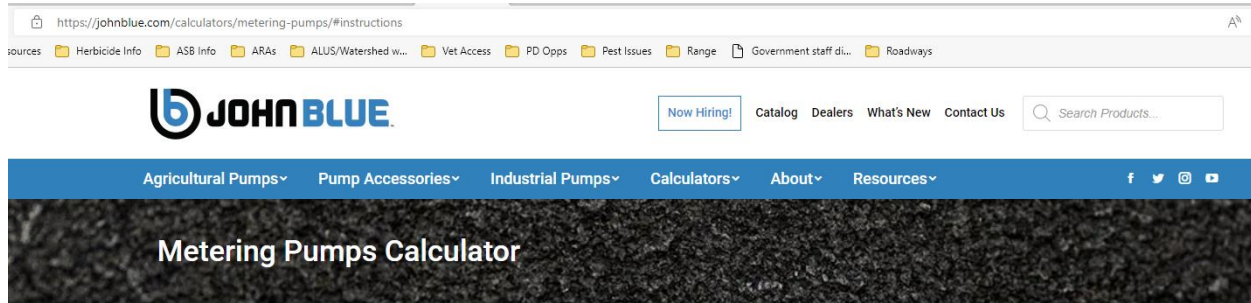


How to set gearing on John Blue ground-drive pump:

Use the online calculator @ <https://johnblue.com/calculators/metering-pumps/#instructions>. Input the following information as seen in the green circles. Red circles are example numbers, please change them to reflect the label recommended application rate for the product you use and for your field speed.



Calculate Flow Rates and Pump Settings for Your John Blue Metering Pump

John Blue's **Ground Drive Metering Pumps Calculator** calculates ground-driven piston pump and squeeze tube pump settings, application rates, and other metering pump flow parameters. The calculator works in both standard and metric units. Instructions are available below.

[Instructions for Use](#)

Choose Your Pump Type

Piston Pump
 Squeeze Tube Pump

NGP-6055

Choose English or Metric Units

English Units
 Metric Units

Enter Application Rate

20 Gallons Per Acre

Select Drive System

Ground Drive
 Press/Rub Wheel

Enter Loaded Radius (?)

7.5 Inches

Enter Swath Width (?)

380 Inches

Enter Number of Teeth for Drive & Driven Sprockets

Drive	Driven
50	18 (required)
	(optional)
	(optional)
	(optional)

[\(Help increasing/decreasing pump setting\)](#)

Consult your product label for the recommended spray solution rate. It is usually provided in L/ha. Divide by 10 to get rough G/acre rate (exact conversion is 9.354). This sprayer can be set between 9.1 – 45.6 G/acre.

This is the effective spray width of the two boom buster nozzles

How to set gearing on John Blue ground-drive pump:

Enter Ground Speed
4 Miles Per Hour

TERMS OF USE:
I understand that John Blue Company is furnishing this calculator "as is" and that it is not covered by any warranty whatsoever, whether express, implied, or statutory, including, but not limited to, its freedom from errors, its fitness for any particular purpose, and/or its correct or incorrect use. I agree that by using this calculator, I am doing so at my own risk. I agree to hold John Blue harmless for any and all damages directly or indirectly related to the use of this calculator. In no respect shall John Blue Company incur any liability for any damages, including, but not limited to, direct, indirect, special, or consequential damages arising out of, resulting from, or in any way connected to the use of this calculator, whether or not based upon warranty, contract, tort, or otherwise; whether or not injury was sustained by persons or property or otherwise; and whether or not loss was sustained from, or arose out of, the results of this calculator and its use.

WARNING:
I understand that all calculations are based upon the information I provide. Always verify the calculated information before entering the field as variables within your system can cause differences between calculated rates and actual output rates.

I have read, understand, and agree to the **TERMS OF USE** and the **WARNING** provided here.

[Click Here To Get Your Pump Settings](#) [Clear Settings](#)

This is the speed you would usually operate through your field. 4-6mph is generally recommended (top speed is 7mph).

Your Results: Estimated Pump Setting and Application Parameters

Pump Selected:
NGP-6055

Pump Setting:
4.39

Output Per Pump Setting:
4.6 Gallons Per Acre

Max. Pump Output:
45.6 Gallons Per Acre

Min. Pump Output:
9.1 Gallons Per Acre

Sprocket Ratio:
2.78

Pump RPM:
249 RPM

This is the calculator output. Adjust the gear dial on the pump to match.

