For best quality, value and service

Granular Ferrous Sulphate

Our new ferrous sulphate product is a soluble 2-4 mm granule. Our 2-4 mm sizing ensures a high-quality, flowable product with a long shelf life that does not cake in the bag.

What is a Heptahydrate?

Ferrous Sulphate Heptahydrate is a blue-green crystal with the formula $FeSO_4$ $7H_2O$. It is soluble in water and melts at 64°C and is a byproduct of a steel hardening process. It is used extensively in modern medicine around the world. It dissolves readily in water due to the presence of hydrated water molecules.

Application and Water Rates

Please ensure that the application instructions on the label are read carefully. Dissolve the required amount of ferrous sulphate in the correct amount of water before adding to spraying equipment. **(MAX CONCENTRATION: 500 GRAMS IN AT LEAST 5 LITRES OF WATER = 50KG / HA IN 500 LITRES OF WATER = 0.1%)**.

As the product is now a 2-4 mm granule, please have patience when dissolving as it will take longer than older powdered equivalents which were prone to caking. Stirring and agitation is required.

An application of 2 grams / m^2 is sufficient to achieve an attractive green up in amenity situations.

PLEASE BE AWARE that an application of 2 – 5 grams / m^2 can have adverse effects on moss. We do not recommend application rates higher than 5 grams / m^2.

What to do if it stains?

If ferrous sulphate solution comes into contact with hard surfaces such as concrete paths, staining may occur.

This staining is effectively a rust residue. To remove it, a light acid-based cleaning product is recommended.

Sizes: 20kg / 25kg / 600kg / 1000kg

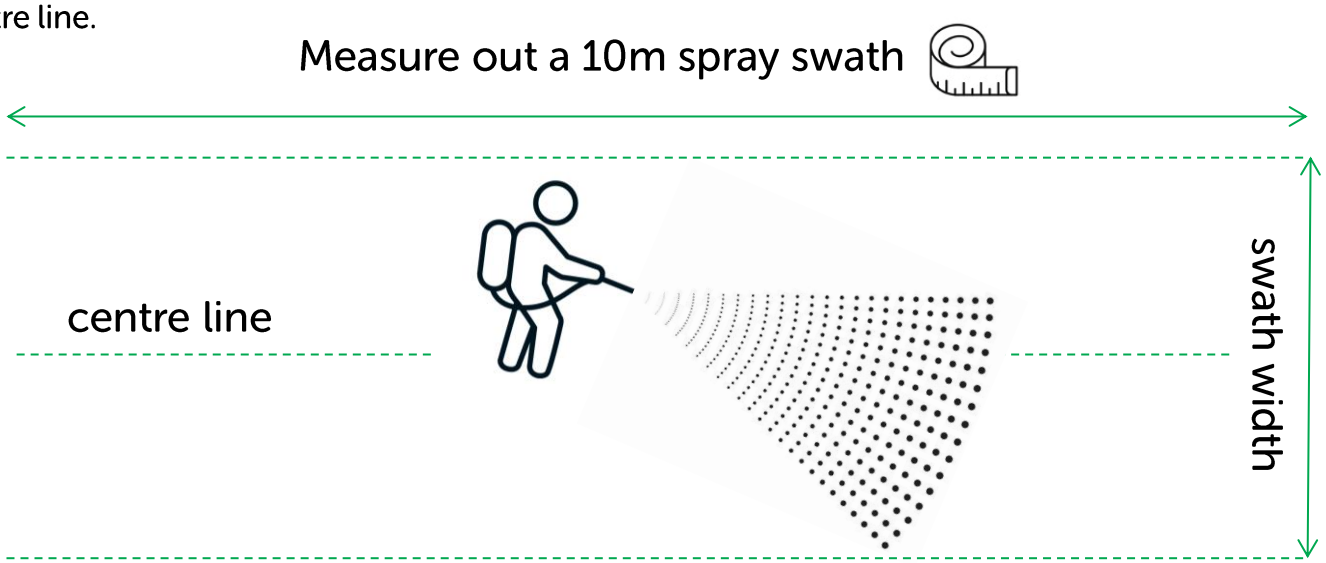


‘So how much do I need?’

Please use our calibration guide to assess how much product you will need for the area you wish to treat. Measure the following and then follow the steps outlined in the table on the next page.

Swath Width

Your swath width is the width of your application in one pass. It is measured from the furthest point left to the furthest point right you treat whilst you oscillate and walk forwards along a centre line.

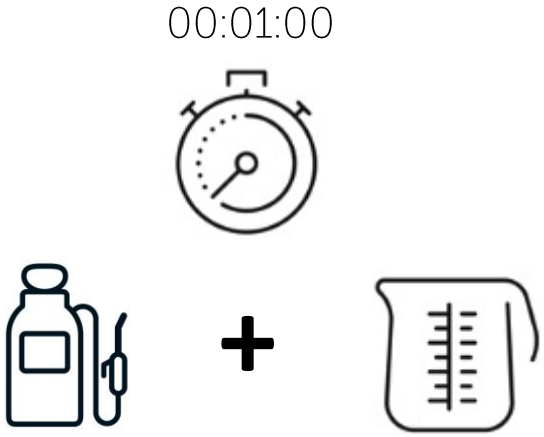


Seconds to spray 10m long swath

Time how long it takes you to treat a swath which is 10 meters long in seconds. Practice this process to produce a consistent speed using ONLY clean water.

Nozzle output in litres per minute

Select the required nozzle and, using ONLY clean water, spray directly into a measuring jug at the required pressure for 00:01:00. Repeat 4 times, each time measuring the amount of water collected. Finally, calculate an average.



For Angus Nutritional Products ONLY. For support with PPPs and other manufacturers’ products contact your BASIS and FACTS qualified agronomist.

Knapsack Calibration Guide

WATER CALIBRATION SECTION

A	Given formula	36	÷	Seconds to spray 10 meter long swath		=	Speed in kmph					
B	Given formula	600	X	Nozzle output in litres per minute	÷	Swath width in metres	÷	Speed in kmph	=	Sprayer output in l/ha		
C				Sprayer output in l/ha	÷	Sprayer capacity in litres	=	Number of knapsacks required per ha (to 2 decimal places)				

ANGUS LIQUID OR SOLUBLE FEED SECTION

D			Recommended Angus product rate in l/ha or kg/ha	X	Given formula (converts to mls/ha or grams/ha)	=	Application rate in mls/ha or grams/ha	÷	Number of knapsacks required per ha (to 2 decimal places)	=	Product required per full knapsack in mls/ha or grams/ha (to 2 dec places)	

TOTAL WATER & ANGUS PRODUCT REQUIRED FOR A GIVEN AREA

E			Application rate in mls/ha or grams/ha	÷	Given formula (converts to m^2)	X	Area to be treated in m^2	=	Total product required in mls or grams			
F			Sprayer output in l/ha	÷	Given formula (converts to m^2)	X	Area to be treated in m^2	=	Total volume require in litres			

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