

Test

Glyphosate – effekt in red fescue and waste rape

We have conducted tests in different crops with Bio pH Control and with Bio Ammoniumsulfat. The results are shown below.

It is a fact that lowering the pH of the sprayer liquid increases the effect of pesticides significantly. The increased effect makes it possible to reduce pesticide consumption by 30–50%.

The amount of Glyphosate can be reduced even more. Especially when pH reduction with Bio pH Control is enhanced by adding Bio Ammoniumsulfat.

When spraying glyphosate, we therefore recommend always lowering the pH with Bio pH Control and, at the same time, adding Bio Ammoniumsulfat.

Experiments with reduction of established red fescue, which is very difficult to wither, clearly show how much a lowering of pH in the spraying water means.

In addition, the experiment in waste drops shows that you achieve both a faster uptake and a better effect.

Benefits of Bio pH Control

- *The uptake and thus the effect of pesticides is increased by 30-50% and often significantly more.*
- *Absorption of micronutrients increases significantly*
- *The lower use of pesticides gives the farmer often large financial savings.*
- *At the same time, the lower use of pesticides results in a much lower negative impact on the environment by 30-50% and often significantly more.*
- *The sprayer is always clean and you avoid clogged nozzles and filters.*

Test 1: Bio pH Control and Bio Ammoniumsulfat together with Glyphosate in established red fescue

Treatment/dosage (20 days after treatment)	Effect in %
Glyphosate ¹ 3 ltr. + Bio pH Control ² + Bio Ammoniumsulfat ³	90
Glyphosate ¹ 1,5 ltr. + Bio pH Control ² + Bio Ammoniumsulfat ³	90
Glyphosate ¹ 0,75 ltr. + Bio pH Control ² + Bio Ammoniumsulfat ³	80
Glyphosate ¹ 3 ltr.	80
Glyphosate ¹ 1,5 ltr.	75
Glyphosate ¹ 0,75 ltr.	65

Test 2: Bio pH Control and Bio Ammoniumsulfat together with Glyphosate in waste rape

Treatment/dosage (6 days after treatment)	Effect in %
Glyphosate ¹ 3 ltr. + Bio pH Control ² + Bio Ammoniumsulfat ³	99
Glyphosate ¹ 1,5 ltr. + Bio pH Control ² + Bio Ammoniumsulfat ³	99
Glyphosate ¹ 0,75 ltr. + Bio pH Control ² + Bio Ammoniumsulfat ³	95
Glyphosate ¹ 3 ltr.	85
Glyphosate ¹ 1,5 ltr.	80
Glyphosate ¹ 0,75 ltr.	70

¹ Glyphosate 360 g/L.

² pH reduced to 3.1 with 0.15 L Bio pH Control.

³ Ammoniumsulfat 2 L/ha – does not lower pH.

Treatment/effect in % 20 days after treatment.

Grass test conducted by Agrolab 09.2021