

RED WHEAT BULLETIN

Weed Control

Weed control has been dealt with in earlier bulletins, however, please find below a reminder about pre-emergence options for Meadow Grass control. Under SOLA there are now 2 possibilities for Spring sown crops.

Product	Rate	Notes
Stomp 400S	3.3 lt/ha	Pre crop emergence (before 30 th march (England)/15 th April (Scotland))

or

Product	Rate	Notes
Defy	5.0 lt/ha	Pre crop emergence

This is the only opportunity for Meadow Grass in the crop and so should not be missed if there is a problem.

Fertiliser

P, K & Mg

Apply as for other cereals and depending on soil indices.

Nitrogen

The crop requires 25 kg/hectare of Nitrogen per tonne/hectare of yield, so a 5.0 – 6.0 tonne/hectare crop requires 125 – 150 kg/hectare of Nitrogen in total. Remember to account for Soil Mineral Nitrogen (SMN) in the calculation. Generally in 2009 the applied Nitrogen is likely to be between 100 and 145 kg/hectare.

Apply one third before the ear development phase and the remainder at GS 3.2 (second node).

Rate	Autumn Sown Crop	Spring Sown Crop
40 – 50 kg/ha	GS 2.1 (before end of March)	Before GS 1.3
80 – 90 kg/ha	GS 3.2 (end of April)	GS 3.2

Continued Overleaf

Sulphur

Much of the UK is now deficient from Sulphur. The worst deficiencies are on lighter soils, where Winter rainfall will have exacerbated the situation. If you are in a deficient area apply Sulphur (as Sulphate SO₃) as required at GS 21. Typical applications are:

	Rate of SO ₃	Timing
Medium deficiency	25 kg/ha	GS 21
Severe deficiency	50 kg/ha	

Trace Elements

Deficiency increases foliar diseases like Mildew. Rectify any known deficiency early in the season. An application of a general trace element mixture with the first fungicide may be beneficial by reducing plant stress.

Growth Regulation – Autumn Sown Crops

An application of Moddus + Chlormaquat before stem extension will improve rooting and guard against early season drought stress.

Product	Rate	Notes
Moddus + Chlormaquat	0.2 lt/ha + 1.0 lt/ha	- 200 lt/ha water - Can be mixed with T0 fungicide - Complete before April

T1 fungicide and PGR usage in Spring crops will be covered in later bulletins.

Always read the label before using pesticides. Use pesticides safely.

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