

REDISCOVER THE BASICS WITH TERRA FIRMA



tank mixing - turf diseases



'Best Practice ~ Better Environment'

Following best practice protects the environment and helps stop a pesticide tax.

For more information on Product Stewardship issues visit: www.voluntaryinitiative.org.uk

There are several fungal Turf diseases which can affect golf and bowling greens in the UK.

The most common is Fusarium Patch (*Microdochium Nivale*) which can be exceptionally damaging to grass sward, causing unsightly dead patches (scarring) leading to an uneven playing surface and affecting the 'true roll' of the players ball.

Tank mixing of Fungicides

Q - Are you legally allowed to mix chemicals?

A - Yes you are

Q - Will it cost more money?

A - Not necessarily, usually it will be around the same cost a full dose of a single product

Q - What are the potential benefits?

A - A wider range of active ingredients working on the fungus; complementary modes of action by the different actives in the tank mix and allowing more frequent use of certain actives whilst staying within the statutory conditions of use

Q - Do Agrochemical manufacturers back tank mixing?

A - Yes they do, however they usually only recommend their own products which they have a commercial interest in. It is therefore left to independent agronomists or the larger UK distributors to evaluate other tank mixes

At Terra Firma we work closely with a number of companies and organisations and have overseen the successful use of a number of tank mix recommendations - below are two examples of synergistic tank mixes.

Fusarium



Fusarium - Curative and Preventative Tank Mix

Lunar (Tebuconazole + Prochloraz) - 1 L/ha
Chipco Green (Iprodione) - 10 L/ha
Transcend (Penetrant + sticker) - 1.25 L/ha

This tank mix combines contact, systemic and translaminar modes of action, giving longer term prevention than Iprodione alone.

Tank mixing protocol

Half fill the spray tank with water; under constant agitation add the Lunar, then add Chipco Green and lastly the adjuvant Transcend. Apply with 500 litres of water per hectare.

Anthracnose



Anthracnose - Preventative tank mix

Pan Aquarius (Trifloxstrobil) - 500 gm/ha
Rezacur (Chlorothalonil) - 15 L/ha
Transcend (Penetrant + sticker) - 1.25 L/ha

Tank mixing protocol

Half fill the spray tank with water. under constant agitation the Pan Aquarius, then add 15litres Rezacur and lastly the adjuvant Transcend. Apply with 500 litres of water per hectare.

Note: Anthracnose is very difficult to cure - we recommend this tank mix be used 3-4weeks prior to the key disease pressure periods of July - end August.

Note 2: Anecdotal evidence also suggests the use of foliar amino acids and Phosphite products (eg P-Kursor) in the weeks leading up to susceptible periods can also help to boost turf health.

Please contact Terra Firma for detailed information on Fungicide Tank mixes.

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