

Divine®

Soil wetting agents

Targeted testing & treatment of non-wetting soil

4 simple steps to
lock in more moisture



 **BASF**

We create chemistry

Step 1

Bottle testing on the spot



It's often not obvious if sandy soils are **non-wetting** or **non-water-holding**. If you're not sure exactly what the problem is in a particular paddock, all you need is a bottle of water to do a quick check before you spend any money on soil analysis.

- Scrape a small, flat area clean and create a shallow depression in the soil.
- Pour in some water and time how long it takes to drain away.
- If it remains clear (as in the photo) and sits on top of the soil surface for more than a couple of minutes, the soil is worth sampling, testing and – probably – treating.

Step 2

Strategic sampling



Once you've decided the paddock needs testing, make sure you take a representative sample:

- Combine 20 soil cores (0–10 cm depth) for each sample.
- If there is more than one soil type in the paddock, don't mix up cores from more than one type in each sample.
- Collect the cores in a zigzag pattern, trying to take them where the furrows will run (if that's known).

Go to **csbp.com.au** to download the BASF Divine® Non-Wetting Soil Analysis form. Complete and follow the instructions to send in your samples.

Step 3

Checking the result – and the forecast



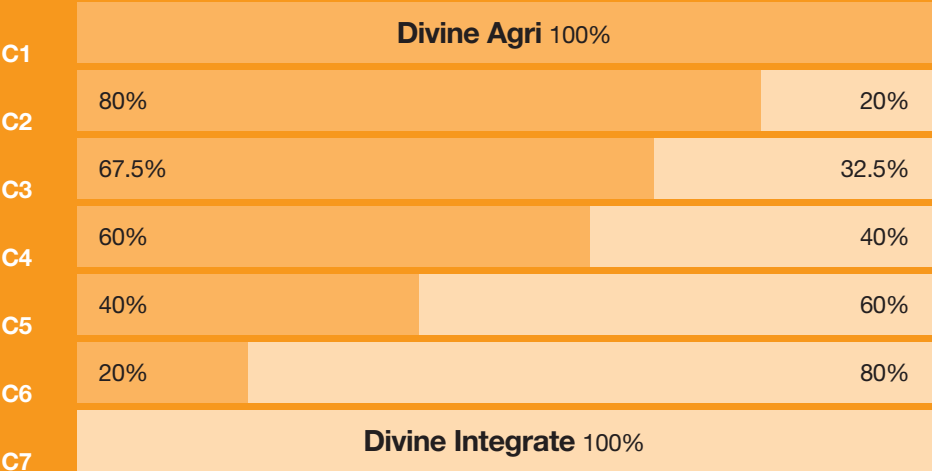
The unique Divine testing process produces a result that will tell you:

- The severity of its water repellence.
- The optimal Divine formulation to improve moisture penetration and retention.
- The demonstrated degree of improvement in water infiltration and soil saturation.

There's one more crucial variable the test result doesn't show: the weather forecast. There is much less benefit in treating non-wetting soils when there is enough rain to overcome the repellence and saturate the soil. **So check the long-range forecast and talk to your agronomic adviser before making a final decision to use Divine.**

Step 4

Following the recommendation



The test result will tell you which Divine combination will unlock the most productivity potential in the target paddock. All you have to do is:

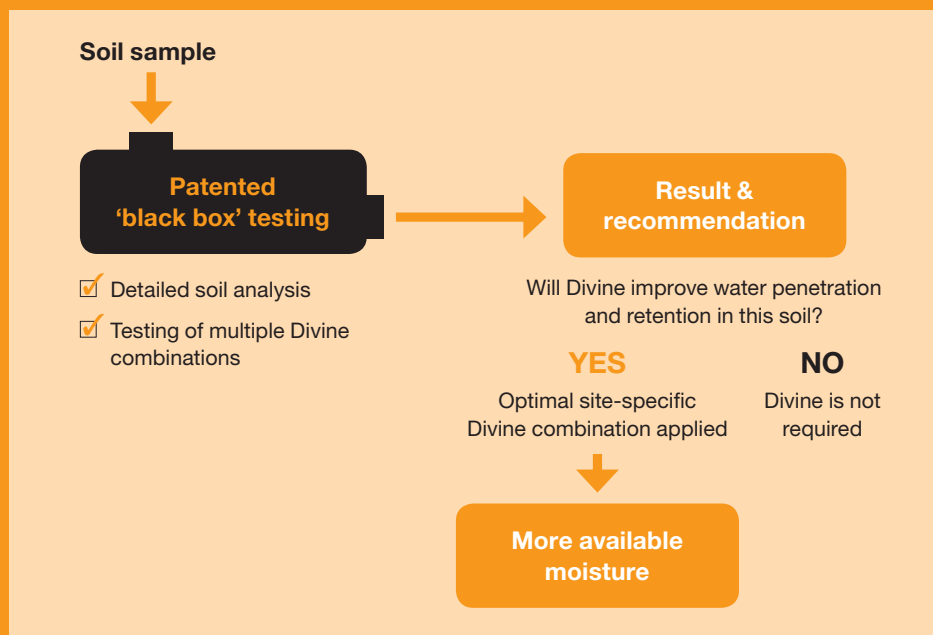
- Prepare the correct combination.
- Apply 2 L/ha in 30–50 L/ha water at sowing using press wheels 20–30 cms apart, or
- Broadcast 20 L/ha in at least 100 L/ha water by boom spray.

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The Divine® test-and-treat solution for non-wetting soils

- A new, patented testing method developed by BASF.
- Two new, patented dynamic surfactants – Divine Agri and Divine Integrate – that can be used standalone or in blends, so site-specific recommendations can be made from a choice of 7 possible formulations.



For more information on Divine testing and treatment, visit **crop-solutions.basf.com.au** or call **1800 558 399**

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