

# Paper Crumble for Soil Improvement



RECYCLING WASTES AND  
BY PRODUCTS FOR  
USE IN AGRICULTURE  
AND LAND RESTORATION

**Enhance your soil organically with a locally derived lime-rich amendment of paper crumble, a by-product from the paper recycling industry.**

At zero cost to the user and fully approved by the Environment Agency for use on agricultural land as a soil improver, paper crumble has a proven ability to not only improve the lime status of soil but maintain the pH for a number of years through its slow release characteristics.

High organic matter content improves nutrient cycling and soil fertility, while also increasing microbial and faunal populations. It lightens clay soil providing aeration and adds structure and mass to sandy soil helping prevent capping and leaching of nutrients.

Paper crumble is stackable, allowing it to be stored for a period and ensuring applications can be carried out at the optimum time.

## Benefits of using 4R Group paper crumble:

- Lime addition – 8t paper crumble  $\equiv$  1t ground limestone minimum
- Organic matter – 50t/ha paper crumble  $\equiv$  28t/ha FYM minimum
- Phosphate, potash, sulphur
- Trace elements particularly copper and zinc
- 100kg/t calcium (high levels proven to control clubroot in brassicas)
- Applied year round at rates of 25t/ha or more with a conventional manure spreader

Using recent soil analysis, application rates are tailored by FACTS qualified staff to suit cropping and soil type.



4R PRODUCTS IS PART OF THE 4R GROUP  
INNOVATORS IN WASTE SCIENCE  
AND RECYCLING TECHNOLOGIES

**Call us on: 0800 0121 769**  
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Our product leaflets are on our website.  
Find out more by scanning this QR code  
on your mobile device.