

ENRICH YOUR MANURE

CarbonWorks Renew[®]

ANALYSIS

pH: 1.6 – 2.0


Molecular Oxygen: +300

Without CarbonWorks Renew, manure handling stinks. CarbonWorks Renew accelerates manure breakdown, increases its nutrient content, and reduces negative environmental impacts common in the livestock industry.

 REDUCE CRUSTING & SOLID WASTE BUILDUP

 INCREASE MANURE NUTRIENT CONTENT

 REDUCE ODOR & HARMFUL GASES

 STABILIZE NUTRIENTS

HOW IT WORKS

CarbonWorks Renew enhances the environment of your manure pits by delivering oxygen, hydrogen energy, and carbon.

The oxygen in CarbonWorks Renew turns the anaerobic (oxygen-lacking) environment of your manure pit into an aerobic (oxygen-rich) environment. This helps the already-present beneficial bacteria thrive.

Add hydrogen energy, and these aerobic bacteria will break down solids 19.2 times faster than anaerobic bacteria.

The nutrients released through the breakdown process are then stabilized and held by the carbon found in CarbonWorks Renew.

BASIC USE

Mix the recommended rate of CarbonWorks Renew with 4 gallons of water. Apply the mixture directly to the waste water pond or manure once per week.

Dairy Pond Maintenance: Per 100 head

1 pint of CarbonWorks Renew per week.

Hog Barn Maintenance: Per 1,000 head

1 quart of CarbonWorks Renew per week.

IMPORTANT

Initial rates of CarbonWorks Renew will vary based on the amount of solids contained in the waste water pond at startup.

INCREASE NUTRIENT LEVELS

+18%
NITROGEN*

+16%
PHOSPHORUS*

+14%
POTASSIUM*

*5-year average nutrient increase for dairy and hog manure.

Dairy Manure: +26% N, +17% P, +18% K

Hog Manure: +9% N, +15% P, +9% K

AN UNCOMMON SOLUTION

To common manure problems.

ONE DOING THE WORK OF NINETEEN.

Aerobic bacteria digest manure 19.2 times faster than anaerobic bacteria. CarbonWorks Renew delivers oxygen to manure pits and transforms them into the perfect environment for aerobic bacteria to thrive.

AEROBIC BACTERIA



ANAEROBIC BACTERIA



A FRESH APPROACH TO CUT THE SMELL.

Aerobic bacteria release carbon dioxide, which has no smell and no affinity with hydrogen sulfides—the stuff that makes manure stink. On the other hand, anaerobic bacteria break down solids into water and harmful methane gas. It's the methane that carries hydrogen sulfides into the air and gives manure an odor that is definitely not fresh.

REDUCE SOLIDS. INCREASE EFFICIENCY.

CarbonWorks Renew holds the power to extend pumping intervals, clean flushing alleys, and eliminate the need for mechanical removal of bottom solids—all by promoting the growth of aerobic bacteria and discouraging the collection of solids.

