



most cost-effective, solid-liquid separation

long-lasting, low maintenance solution

no additional energy, equipment or labor required

The Nooyen Tri-Bar Weep Wall system is a simple, manure management system that separates solids and liquids by using gravity rather than machinery.

The system consists of two basins constructed of concrete separated by a drainage channel. At each side of the drainage channel are Tri-Bar galvanized steel panels.

HOW A WEEP WALL WORKS

When manure is added to a basin, liquids drain through the Tri-Bar Weep Walls into the drainage channel, while retaining solids in the basin. Having two basins allow a filled basin to drain and dry while the other is being filled. The consistency of the solids is dry enough to allow removal with a skid steer or loader. The solids from the basin can then be recycled as bedding, soil amendments, or marketed for additional income.



THE MOST COST EFFECTIVE SYSTEM

Whether you are expanding, building, remodeling or upgrading, Tri-Bar Weep Walls are the most cost effective system for your dairy operation. Other systems are major contributors to energy use on the farm.

Tri-Bar Weep Walls do not require additional energy, equipment or labor. Very low cost to operate. Gravity does the work for you. In addition to startup costs, most manure separation systems require maintenance, repair, and training for employees to operate the system. With the Tri-Bar Weep Wall system, there are no mechanical parts to upkeep. Maintenance is very low.



EFFECTIVE SEPERATION

The Tri-Bar Weep Wall System effectively removes 60% and, in some cases, up to 85% of total solids, compared to 20-40% with most conventional screen type mechanical separators. There is also a greater separation of fine solids, up to 70% of sand can be recovered.

NOOYEN TRI-BAR WEEP WALL

Material	<ul style="list-style-type: none"> ▶ High-resistance steel ▶ Fully galvanized
Flexibility	Manure does not have to be hauled daily or weekly
Any dairy size	Manages manure for herds from 20 to 20,000 cows
High quality	<ul style="list-style-type: none"> ▶ The Tri-Bar panels are made of 3/8" triangle shaped steel bars with a 3/8" opening, which reduce plugged holes ▶ The panels are hot dip galvanized onsite, in our state-of-the-art galvanizing facility