

## Beef and dairy odor Composting

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### Introduction

WHILE composting transforms organic residuals into useful fertilizer, it also can produce odors during the decomposition process . Problems arise particularly when neighbors live close to working sites. That reality makes those operating in more isolated locations fortunate, especially when potentially odorous feed stocks are being processed.

When dairy products begin to spoil, it creates an unpleasant, rancid odor due to the overgrowth of bacteria. This can attract pests and wildlife which can disrupt the compost pile in search of food.

Ammonia smell when turning the pile. Excess nitrogen within the pile can cause an ammonia smell and anaerobic conditions that are apparent when disturbing the pile by flipping the materials. . When carbon-rich materials become saturated in wet weather, they can become compacted and fester within the pile, further adding to the ammonia odor. Materials such meat or dairy products can cause a rotten odor.



## Solution

Valens Company is a pioneer in the field of treating **Odor Compost**. In implementing its solutions, it relies on advanced, promising, fast, and well-established technology. It does not limit itself to mask odor but it completely eliminates it from its source. It builds in its solutions on emphasizing data, the human mind, the modernity of the machine, and alternatives to materials, and through the integration of processes, magnificent results and brilliant outputs are achieved.

### Important data before treatment

- Major Issues Of Concern (E.G. Odor, Pathogens, Ammonia)
- Solid Separation
- Windrow Creation
- Composting Time
- Inoculation Used
- Turning & Frequency Etc.
- Volume aeration of the Composting Pile

## Benefits

- Rapid reduction in VOC's and
- Accelerate composting time
- Avoids problems of odor release upon turning

## Contact

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