Composting may be alternative in wake of horse slaughter

the "circle of life" frame of animal. mind and may be less emo- Large-carcass composting is

ation.

annually, said Dr. Lance Baker, Auvermann said.

Slaughter Prevention Act, mak- dering, landfill disposal, incining its way from the U.S. eration, composting or bio-di-House to the Senate, could gesting, he said. Many of these leave thousands of horses with are costly, and a horse owner no final resting ground. Com- often has to pay to put the provided by area veterinarians. posting may be an environmen- horse down and for its disposal,

tional, two area researchers a growing and accepted pracsaid. tice among feedyards and dair-Recently the House ap- ies, said Dr. Brent Auvermann, proved the Act, which bans the a Texas Agricultural Experislaughter of horses for human ment Station agricultural engi-

The American Horse with a carcass are burial, ren- Laurie Brown began conducting a composting trial on horses last winter, using dead horses that would otherwise have gone to the landfill. The horses were

The trial tested three differtally friendly option that fits in instead of getting money for the ent "recipes" of composting material designed by Auverconsumption by a vote of 263- neer who has researched the He said he prefers the two and 155 degrees Fahrenheit and pounds per dry ton, he said. 146. The Senate has yet to process for about five years, mixes to the 100 percent stall stay in that range for several "This is well suited to

Approximately 90,000 hors- which weigh about 1,400 works best if pre-composting of least a 48-inch temperature mann said, adding cotton gin es, or 1 percent of the U.S. pounds, a quarter horse at 1,000 the material has already been probe and taken in several trash would be an excellent horse population, is slaughtered pounds wasn't much different," started before the carcass is locations throughout the pile, ingredient to put into the com-West Texas A&M University "The main thing is: the carcass is laid on a bed of In the studies, the pile was The compost must go associate professor of animal larger the carcass, the higher chopped hay and then covered turned at three months, at through three phases before it is science. "If they don't go to the stakes. It is critical that completely with the composting

glove," he said.

A good indication the com- agricultural ground. mann: 100 percent stall posting process is working cor- The phosphorous level will cleanout (horse manure and rectly is temperature, Auver- be about 20 to 25 pounds per bedding); 50 percent cattle ma-, mann said. The temperature dry ton. It will have some nure and 50 percent waste hay; should start rising within 12 to nitrogen, but might contain less and 50 percent stall cleanout 24 hours and reach a level than 20 pounds per dry ton or, and 50 percent cattle manure. between 131 degrees Fahrenheit if the recipe is right, up to 35 schedule the issue for consider- "Since we had already done cleanout." weeks to a month. The tem- cotton in terms of the nitrogensome work with dairy cattle, Large animal composting perature should be taken with at phosphorous ratio," Auveradded, Auvermann said. The he said.

which time Baker said only a a valuable product, he said. slaughter, they will have to go whoever does it, does it right." material. From that point, moissomewhere else," Baker said.

Auvermann, Baker and West ture is a key, Auvermann and options for dealing Texas A&M graduate student Baker said.

Baker said.

May Ledbetter-TAMU ture is a key, Auvermann and was identifiable.

Auvermann said it would be The optimum time to wait better to err on the side of too before making the first turn dry than too wet. "Add water with larger animals is five to until a handful of the mixture six months, Auvermann said. A squeezed hard doesn't result in large carcass will take from droplets of water, but does seven to nine months to comleave a sheen of water on the post completely, at which point it can be used as a fertilizer on

posting mix.

