CHIPPEWA/LUCE/MACKINAC CONSERVATION DISTRICT

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increase your farm's also improve the health well-being of your animals ronment. These Using best management prac-ces can help protect the envipractices and can

ered a small farm? A 3,000 head beef with 10 horses? dairy with 50 head? feedlot? What is considmaybe a free-range operation? A A 30,000 stable

There really is no answer to this

Department of Agriculture (USDA) defines a farm as "any operation that produces sells, or could sell, at perceptions question. Regionally, there are different reeptions as to what a small is. The United States of

sells, c \$1,000

worth of agricultural

least

and

less than \$10,000 worth of agricultural production? There are of farms in the United States sell selling less than \$5,000 worth of more than 1 million operations production. Did you know that 59 percent

production. If you look at the numbers

you'll note that a lot of agricul-tural production comes from small farms. Small farms may include ani-

mal confined animal feeding operawith fewer feeding operations (those fewer animals than the

stock). prises hobby farm entertion small scale commershow/heritage/exot-ic breeds of live-(horses threshold), 01

management impor-tant on small farms? Why Small is farms manure impor-

also have possibly l fewer animals and sometimes several animal species on the same farm. Those farms could ent but the principles are same. Small farms may h ing manure nutrients are differ-ent but the principles are th different than large farms, the challenges of managnecessary e limited acreage and lack the equipment for may have spreading

manure. Extension recognizes the Michigan negative State impacts University posi-

Manure is a valuable resource on the farm as a great source of nutrients for crop production



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and it can help to improve soil

Nitrogen (N), Phospho and Carbon (organic Mismanaged manure o tribute to air quality concerns (dust and odor), pathogens in water supplies and presence of manure can pollute the environ-ment. This includes ground or surface water pollution due to Nitrogen (N), Phosphorous (P) ize the value of the manure that is produced on their farms. Most farm owners do not real vermin.

Small farms can choose to not managed can conproperly, matter).

Waste

Production

and

according

to extension Stall

and spread it on cropland, hay-land or pasture. This option is time consuming and has to be done regardless of soil moisture, managing manure. Option one is to collect the manure and bed-ding daily, load it in a spreader There are two options is small farms when it comes Spread or store manure There are two opt weather or time of year.

Option two is to stockpile or store the manure for a period of time. In this case, the manure could be spread or hauled away, and utilized at a later time.

livestock may not be large, enough manure will be generated to pose a problem if planning Even though the number of

horse can produce approximate-For example, a 1,000 pound

> one horse will fill a 12 foot by 12 foot stall about 6 feet deep, removal of 60-70 pounds of waste per day. That results in day. Manure in addition to bedding will have ly 50 pounds of manure per day. If kept in a stall, it may require 12-13 tons of waste per stall per stalled horse cubic feet per day. ding will have a volume The annual stall waste from per will require the it may require In total, of 203 total, a

it can be removed and used by other farmers, gardeners or owner to store the manure until the need to spread manure on a The capability to store manure reduces or eliminates Management. The basis. also Manure allow the storage

the Chippewa Luce Mackinac Conservation District visit our Conservation District. 906-632-9611 ext. 101 or by email at mike.mccarthy@macd.org. To learn more about MAEAP and technician, Mike McCarthy at the Chippewa Luce Mackinac contact your storage options and other farmwebsite at www.clmcd.org. For information about local related questions local MAEAP

