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| item <b>D</b> Number | 04250                                       |       | Not Scanaed |
|----------------------|---|-------|-------------|
| Author               |   |       |             |
| Corporate Author     |   |       |             |
| Report/Article Title | Notes: Regarding Phenoxy Herbicides in Alka | aline | Soil        |
| Journal/Beok Title   |   |       |             |
| Year                 | 0000  |       |             |
| Menth/Day            |   |       |             |
| Color                |   |       |             |
| Number of Images     | 2   |       |             |
| Nescripton Notes     | Handwritten                                 |       |             |

inity leaters are hydrolysed to very rapidly to the free acid. (one-half hour after spraying on frage)

In alkaline media, 2,4-12 exists as the Courborylate ion which cannot be extracted into organic solvents, Such animic pesticides must be acid yield price to entraction.

nonionic - carbosylate in (alkaline media) anime - free acid (acité media)

2,4-D famo conjugates with naturally occurring metabelites which cannot be extracted with organic solvents unless the conjugates are fruit hydrolygd with aqueous and

The free and of 2,4-D can be eluted with a stronly polar solvent.

· adding a minieral and (1+3POy) to an aqueous solution of 2,4-D suppresses the (ongation of 2,4-D.

what doos this suggest: In a altaline soil - pH >7 leaching of R.Y-D. will be greater than leaching of Z, K-D in acid Soils !!