

Decisions on timing of irrigation should

data whenever possible. Hand probes, moisture blocks tensiometers, and

commercial scheduling services can be

evaluate soil moisture depletions. These

profitably used by the irrigator to

determine irrigation schedules and

Six Nebraska locations were used to

after thinning and cultivation on

evaluate the effect of a timely irrigation

sugarbeet production. Adjacent field

length strips were treated similarly

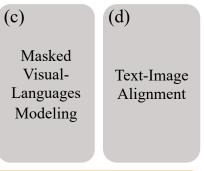
the timely lune irrigation. The table

throughout the season except for

shows a summary of the results.

depletions can then be used to

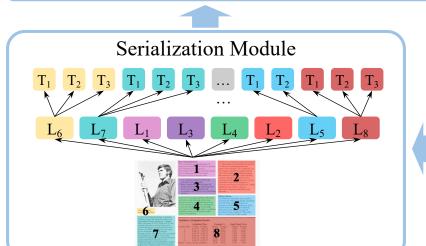
amounts. Observations



Transformer Layers

with Spatial-aware Disentangled Attention Mechanism







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The conscientious management of be based upon all available information sugarbeet irrigation can result in prodution increases for the grower. goals to be reached. The experience of Research in 1973 showed that the follow the irrigator should be supplemented ing recommendations can mean with soil moisture and climatological

- increased yields at harvest time. 1. Use a timely irrigation following cultivation and thinning. . Base irrigation decisions upon all available information including data from soil moisture monitoring equipment and commercial scheduling
- Irrigation in a timely fashion following cultivation and thinning will permit speedy recovery and optimum growth by the young beets. Delayed irrigation at this growth stage and on through the season will force the plant to undergo moisture stress and potential yields will not be realized.

Timeliness of Irrigation Results Irrigation Dates Timely Normal Timely Normal 6/27/73 7/06/73 6/26/73 7/03/73 8,417 6/20/73 6/28/73 7,983 7,364 6/18/73 7/03/73 8,229 7,602 7,738 6/21/73 6/28/73 24.91 25.30 7,606 6/16/73 6/28/73 19.02 6,084 6,087 7,627 7,498 + 0.56 Tons/A + 129 Lbs/A Increase Timely Over Normal

Visual Features

