

THE FDE STORAGE CALCULATOR – AN UPDATE

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Adequate storage is the foundation of successful land treatment systems for Farm Dairy Effluent (FDE). The ‘FDE Storage Calculator’ has been developed to identify the unique storage volume required on a dairy farm. The Calculator uses farm specific information, including a soil risk factor, along with 30 years of daily climate data to determine the necessary storage volume. The Calculator predicts the volume of FDE generated on a daily basis and identifies suitable days for irrigation using a soil water balance. The scheduling of irrigation is also dependent on irrigator type and management.

Some recent developments to the Calculator will be discussed along with plans for future improvements, including its use as a management tool for scheduling FDE irrigation.

Editor’s Note: An extended manuscript has not yet been submitted for this presentation.