Model Performance During Evaluation, Seed 59 ($d = 1$)
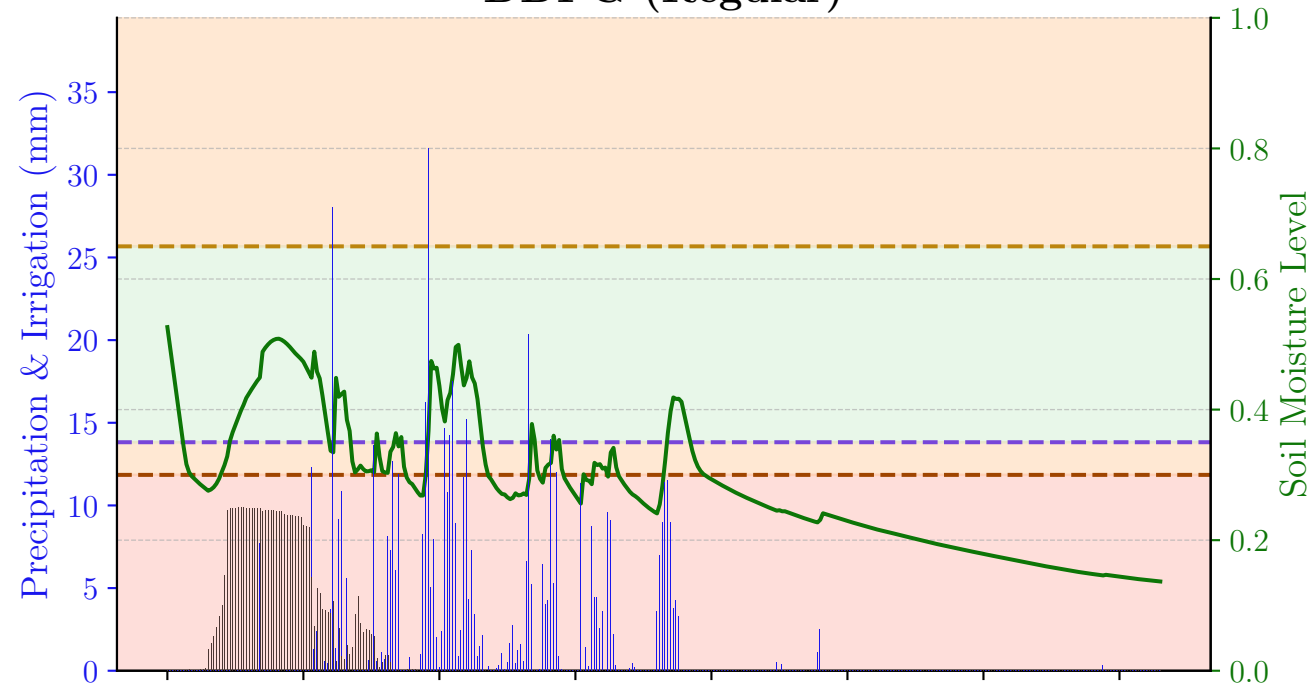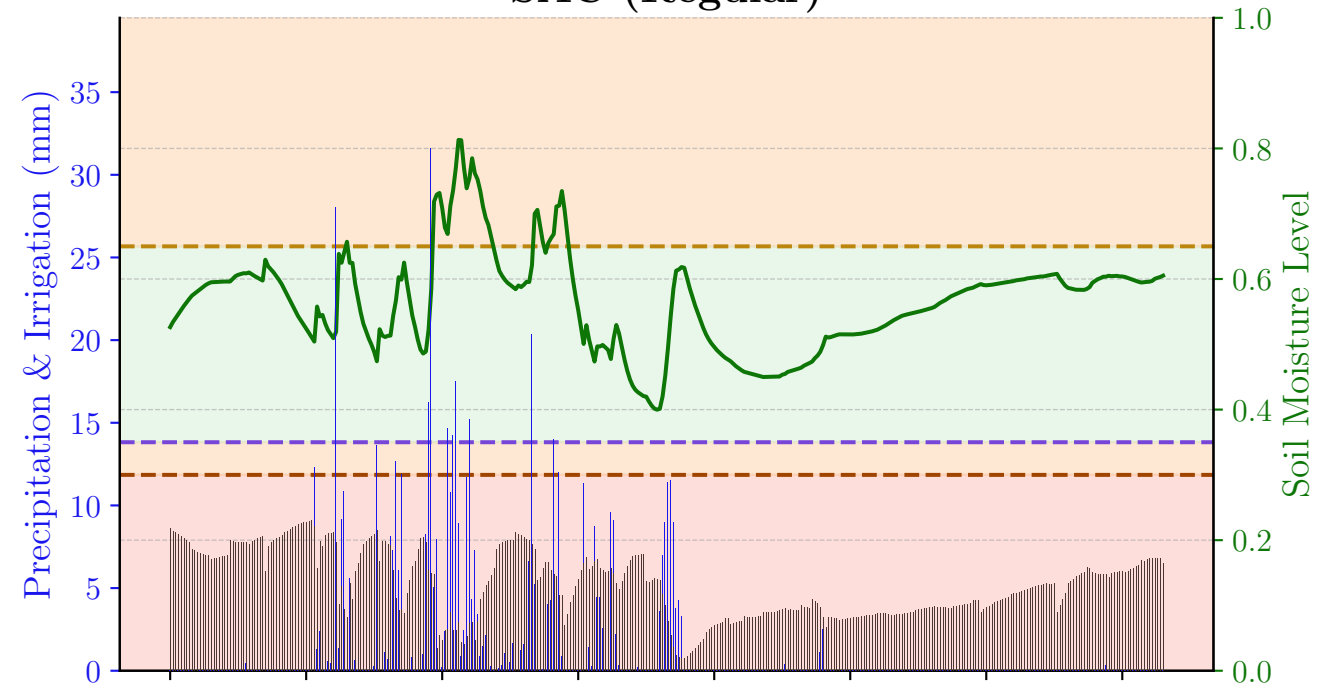
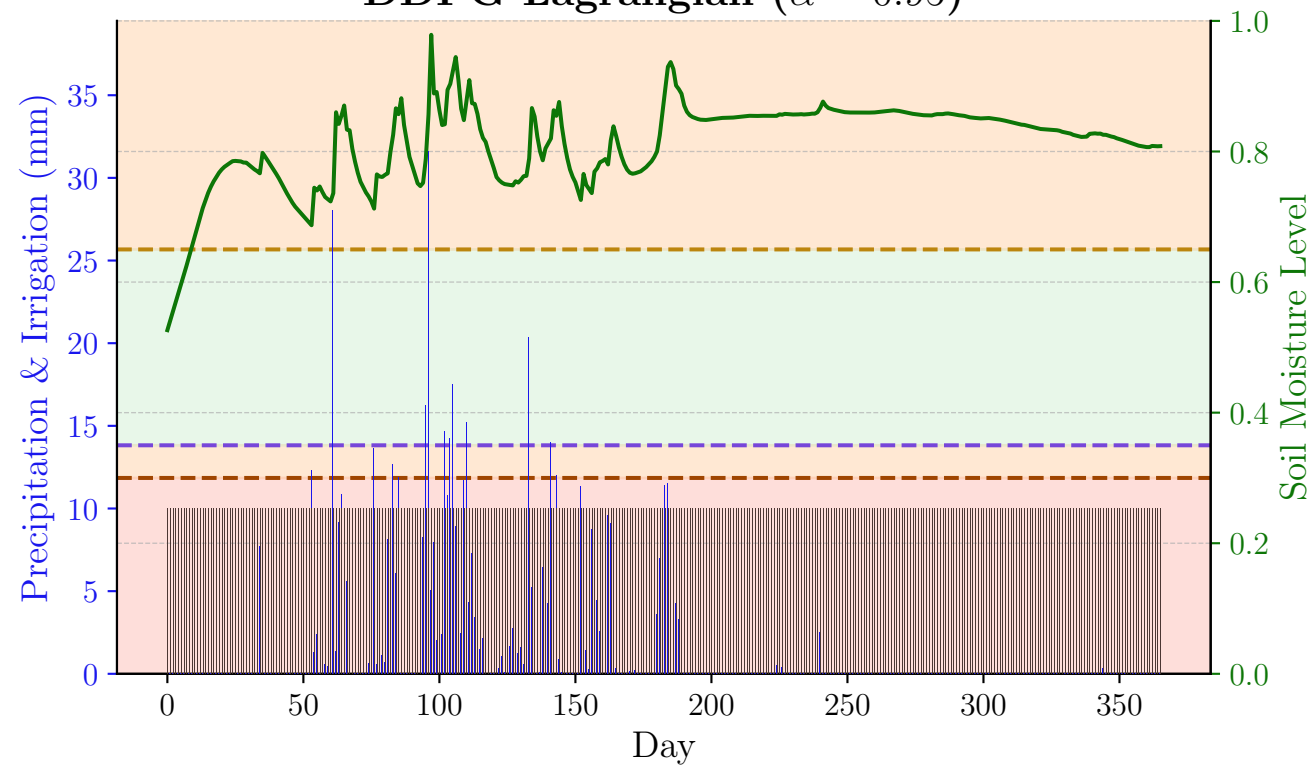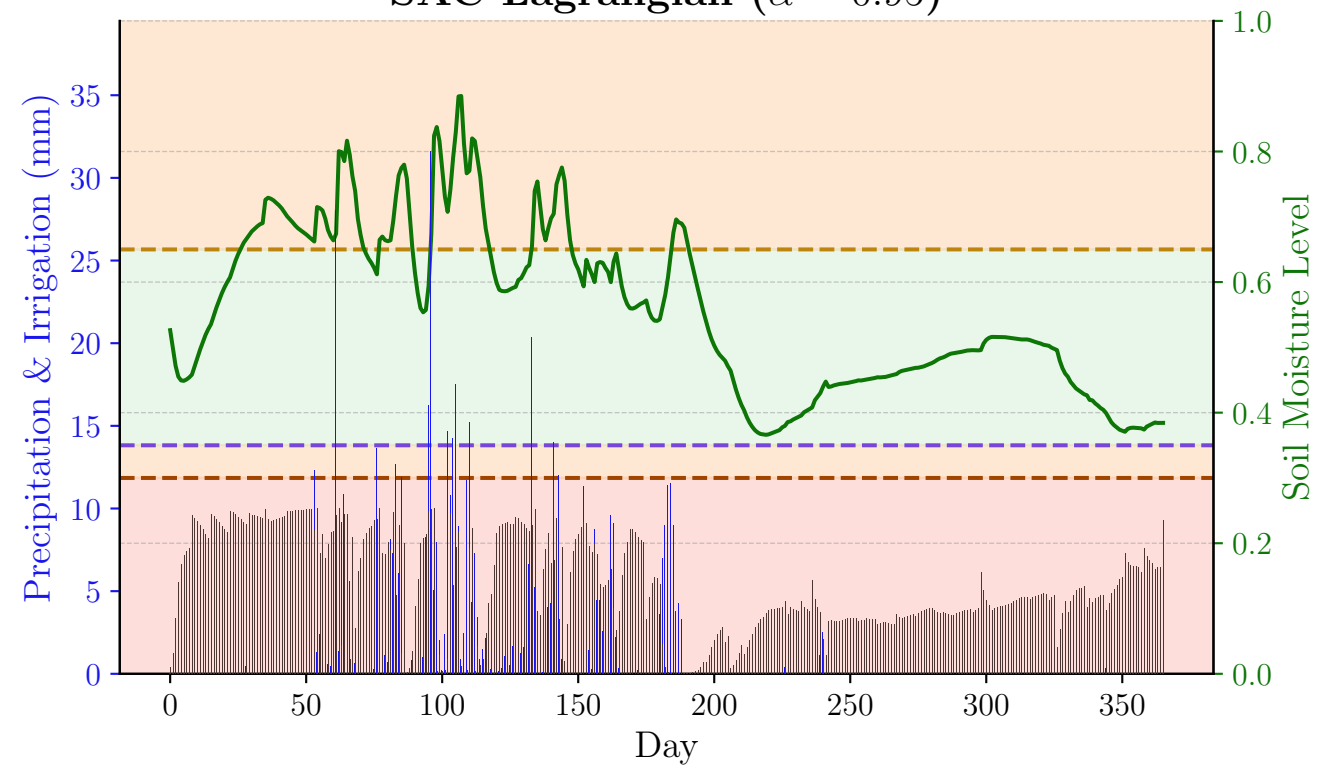DDPG (Regular) — SAC (Regular) — DDPG Lagrangian ($\alpha = 0.95$) — SAC Lagrangian ($\alpha = 0.95$)

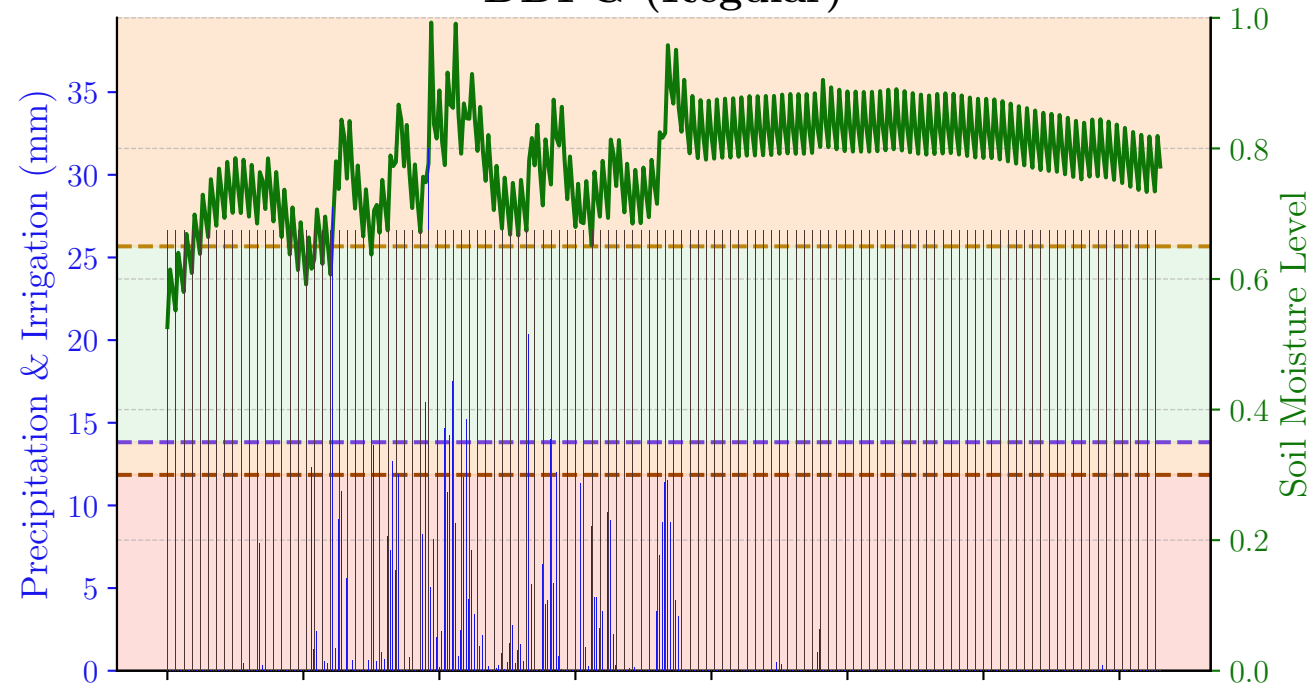Legend: Soil Moisture — Rainfall (mm) — Irrigation (mm)

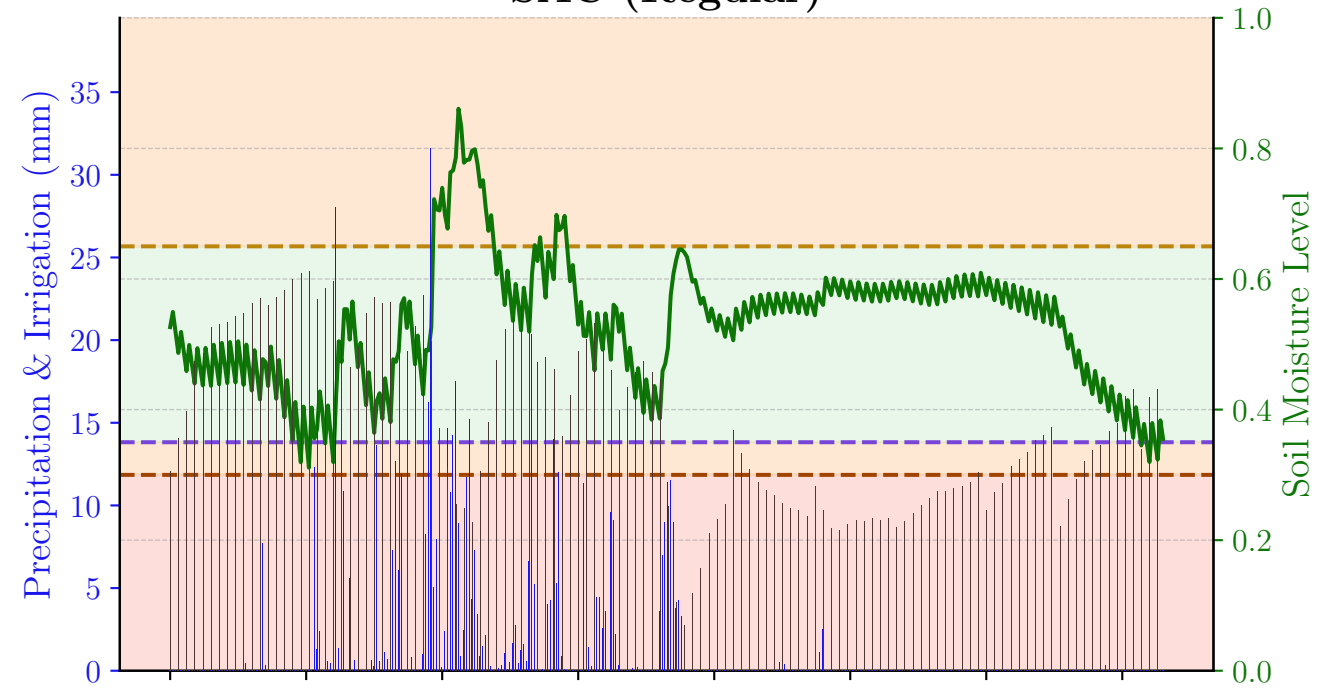Field Capacity ($s_{fc} = 0.65$) — Water Stress Point ($s^* = 0.35$) — Permanent Wilting Point ($s_w = 0.3$)

Feasible Region — Chance-Constrained Region — Hard-Constrained Region
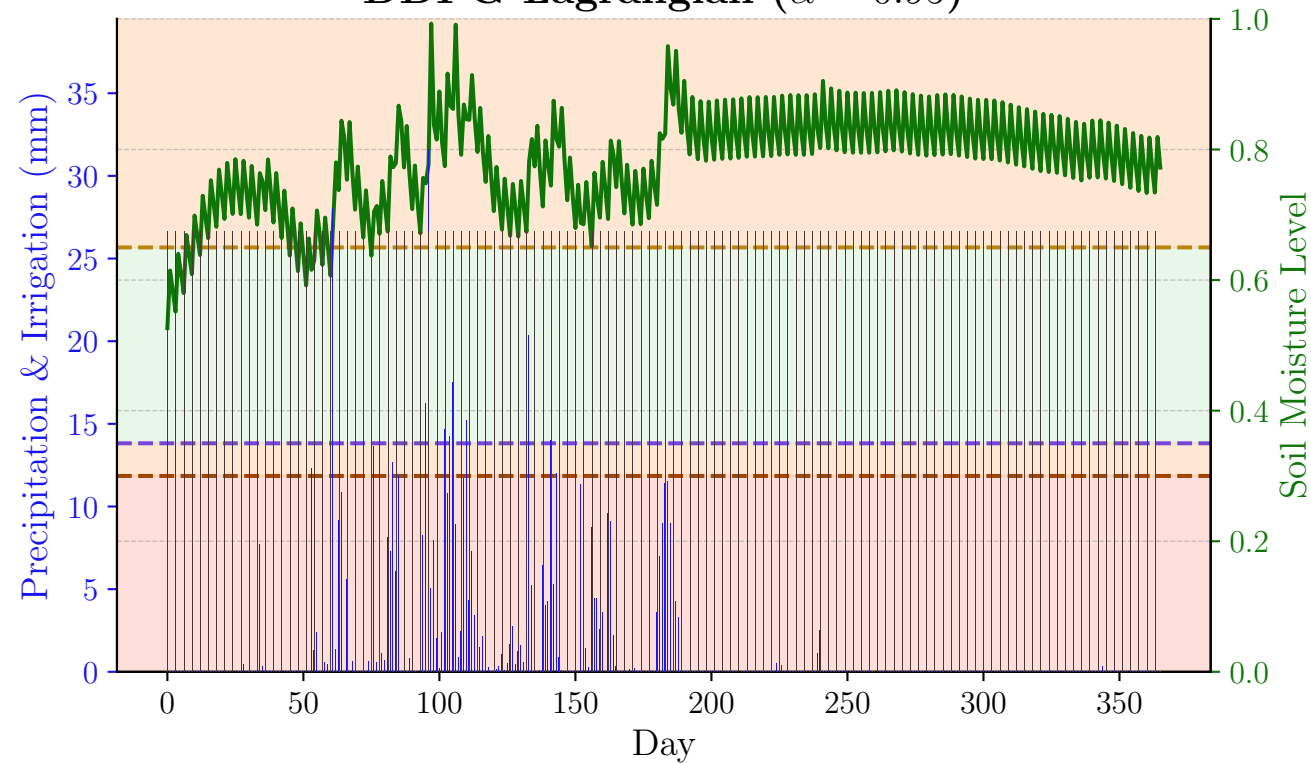
Model Performance During Evaluation, Seed 59 ($d = 3$)

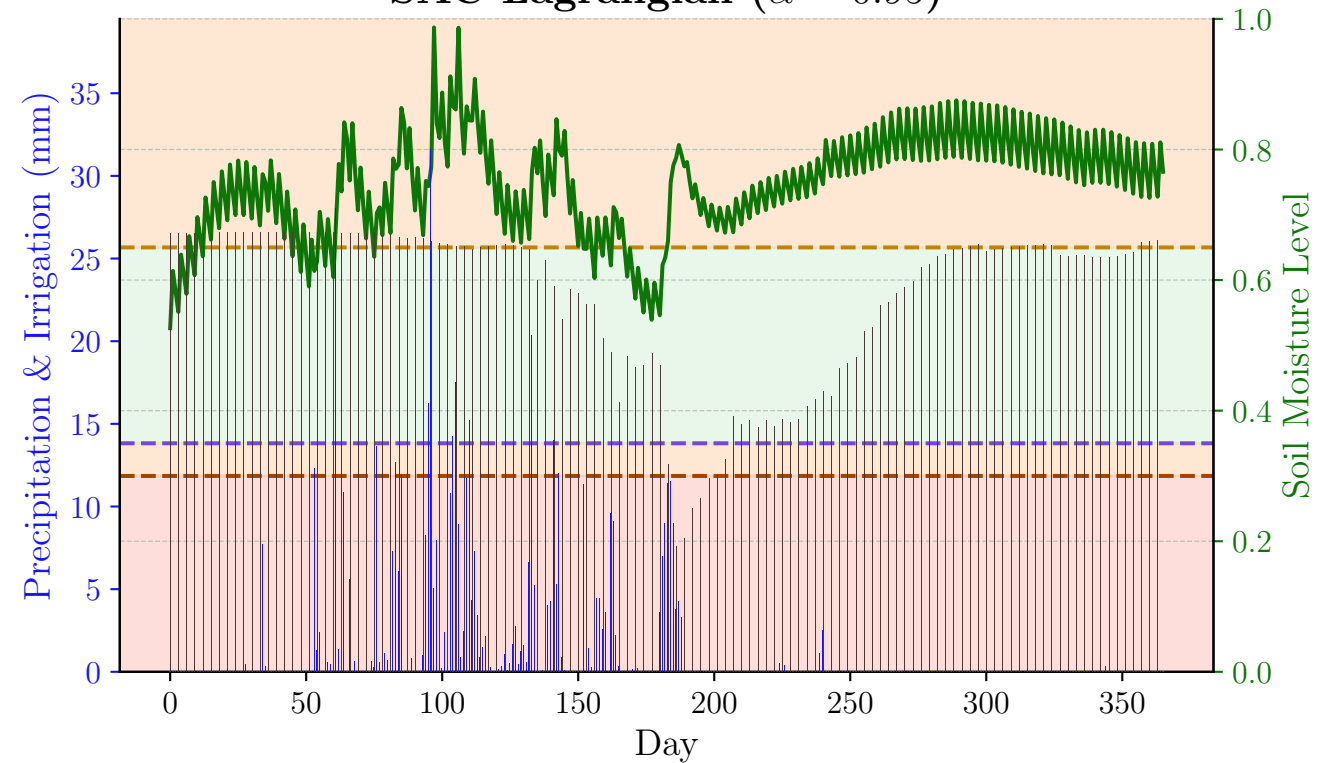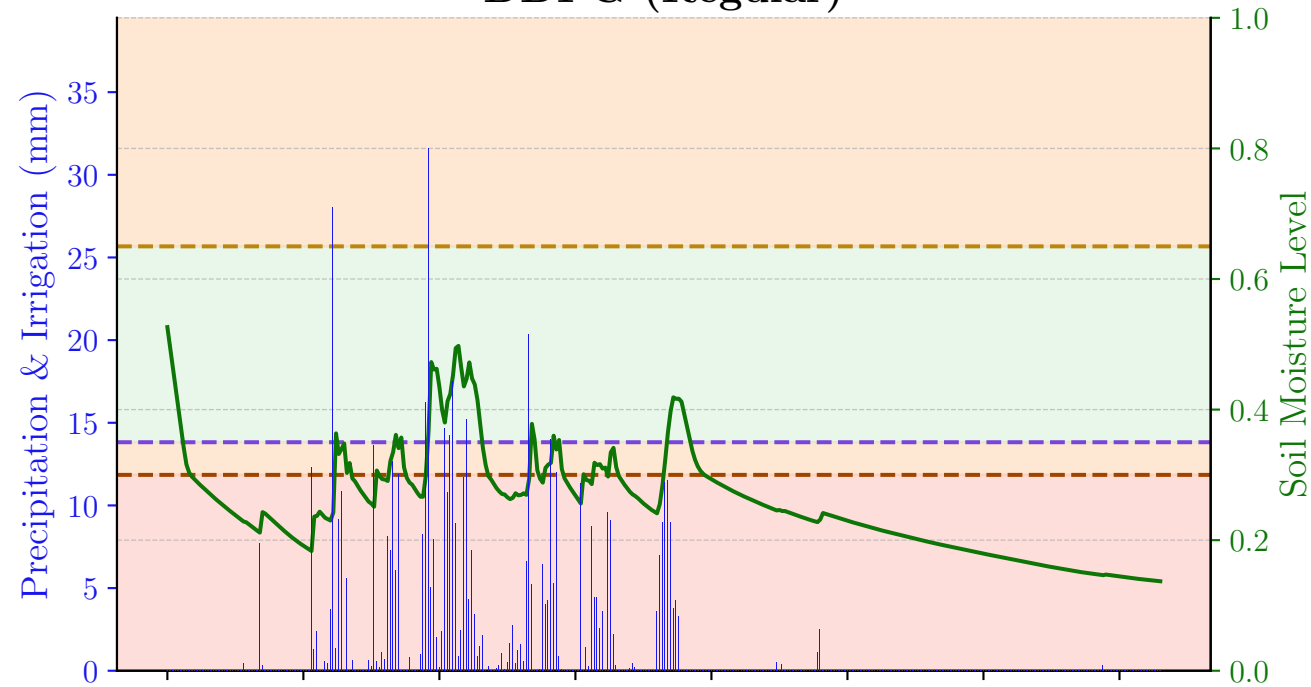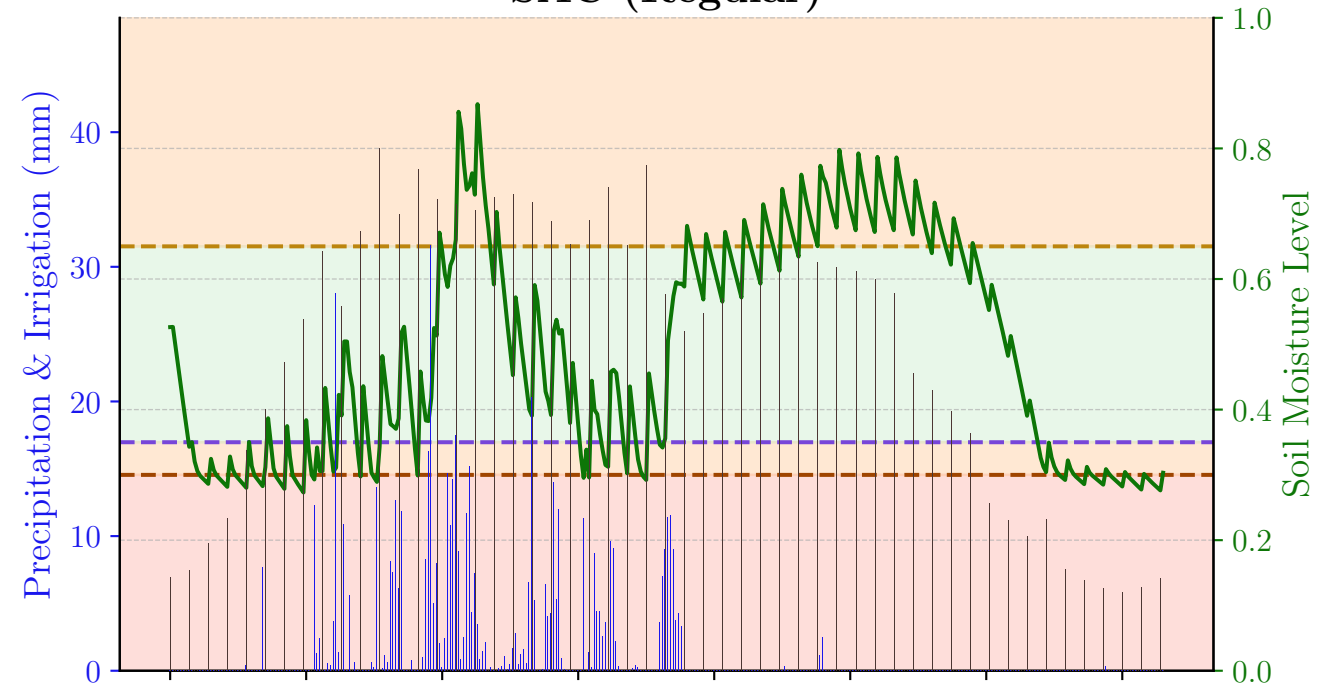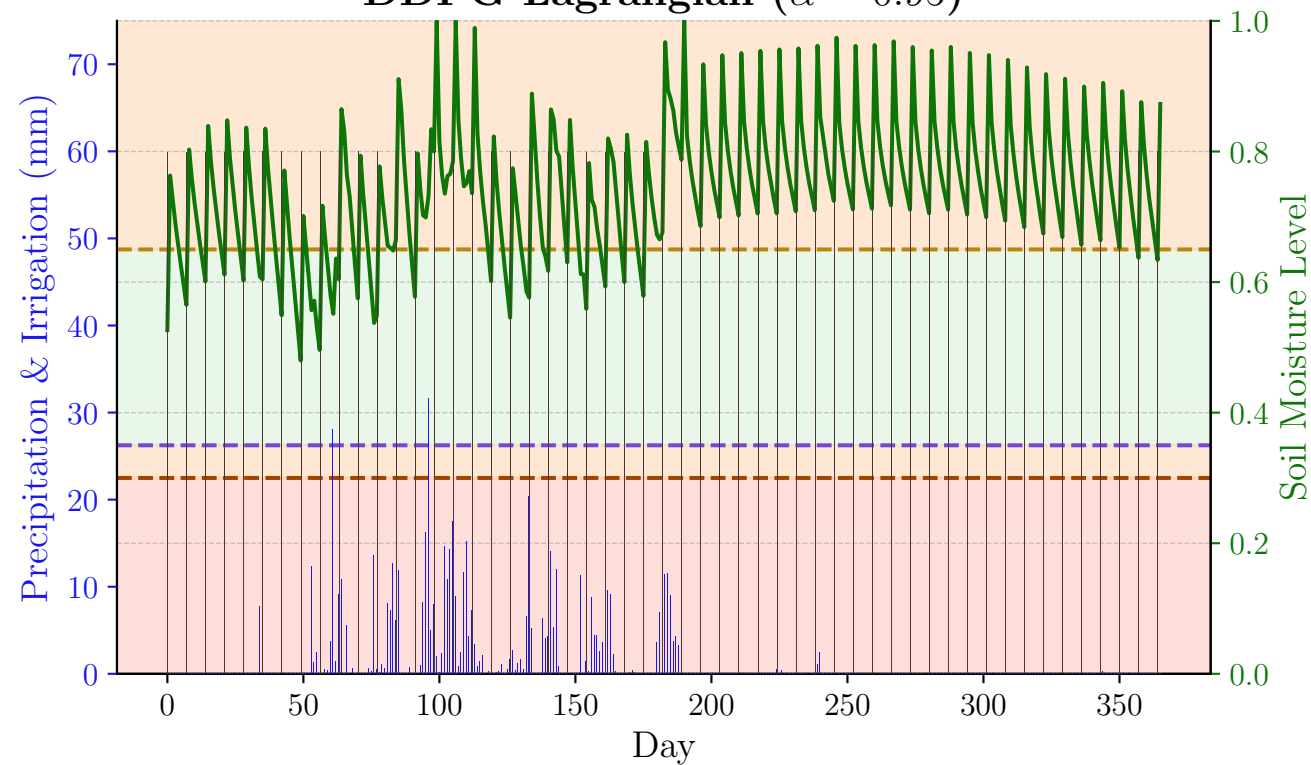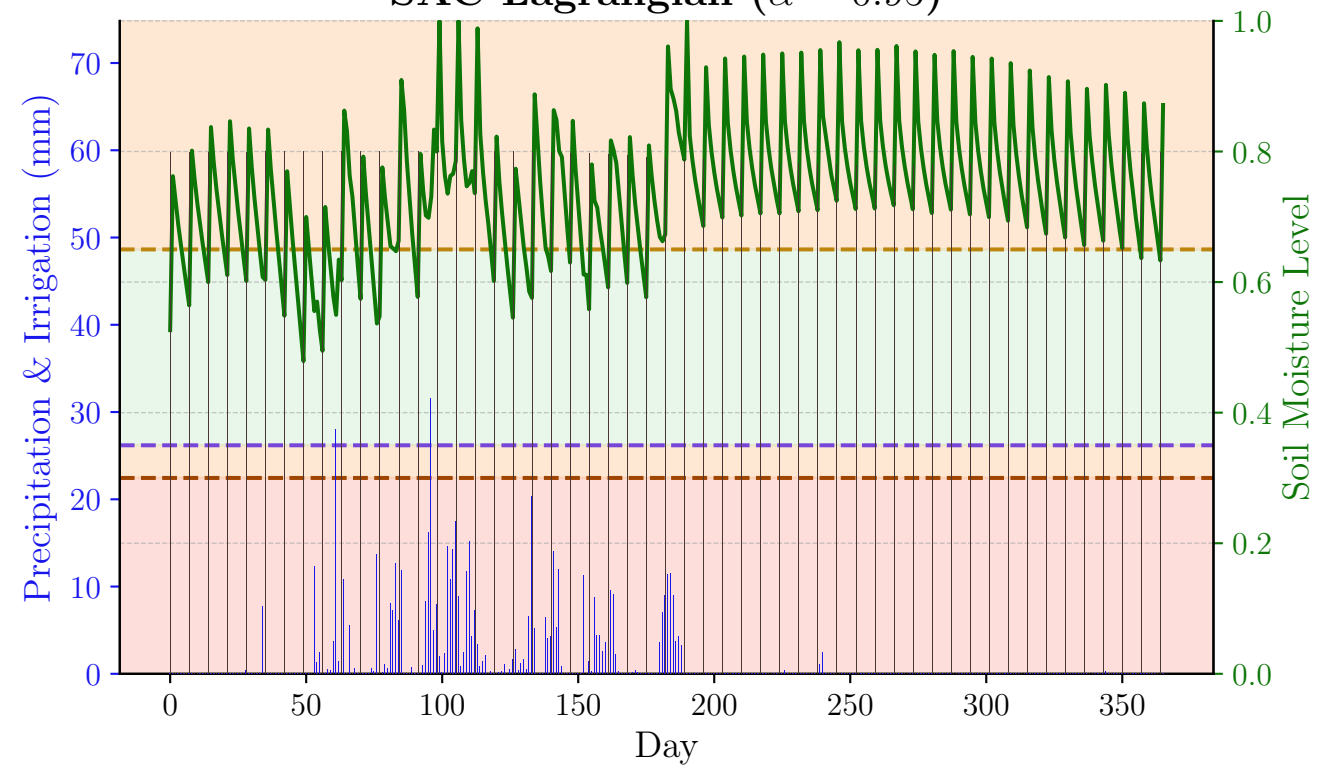Model Performance During Evaluation, Seed 59 ($d = 7$)