TerrainLogic Managed Field Lifecycle Report

Eight-year annual soybean state-continuation demonstration

This report consolidates authored management cycles, modeled outcomes, saved field conditions, conservation engineering records, and inspections for the selected field.

Authored runs change field history; view-only scenarios do not appear unless promoted. Modeled outcomes are planning estimates rather than observed field measurements. Engineering records remain preliminary until the required field survey, applicable FOTG review, and responsible engineering approval are complete.

Field identity

Field ID	fld_18aadbf6d91746c7ad60f9f253bd93c0
Area	40.00 ac
County GEOID	38015
Conservation management zone	Validation management
Lifecycle coverage	2026-08-10 through 2033-12-31
Authored management cycles	8
Saved field states	8
Saved engineering practices	2

Management and modeled outcome history

Date	Management	A (t/ac/yr)	T	A vs T	SCI	State initialization
2026-12-31	soybeans; wr, ST, z1	1.2915	5.00	Below T	0.380	normal_spinup
2027-12-31	soybeans; wr, ST, z1	1.2853	5.00	Below T	0.380	continued_saved_state
2028-12-31	soybeans; wr, ST, z1	1.2824	5.00	Below T	0.380	continued_saved_state
2029-12-31	soybeans; wr, ST, z1	1.2810	5.00	Below T	0.380	continued_saved_state
2030-12-31	soybeans; wr, ST, z1	1.2802	5.00	Below T	0.381	continued_saved_state
2031-12-31	soybeans; wr, ST, z1	1.2799	5.00	Below T	0.381	continued_saved_state
2032-12-31	soybeans; wr, ST, z1	1.2797	5.00	Below T	0.381	continued_saved_state
2033-12-31	soybeans; wr, ST, z1	1.2796	5.00	Below T	0.381	continued_saved_state

Saved end-of-cycle field condition

Effective date	Flat residue	Standing	Subsurface	Live roots	Soil moisture	N pool	P pool
2026-12-31	2580	205	1090	0	0.000	0.0	0.0
2027-12-31	2580	205	1096	0	0.000	0.0	0.0
2028-12-31	2580	205	1100	0	0.000	0.0	0.0
2029-12-31	2580	205	1101	0	0.000	0.0	0.0
2030-12-31	2580	205	1102	0	0.000	0.0	0.0
2031-12-31	2580	205	1103	0	0.000	0.0	0.0
2032-12-31	2580	205	1103	0	0.000	0.0	0.0
2033-12-31	2580	205	1103	0	0.000	0.0	0.0

Engineering practice inventory

Practice	Type	Status	Saved	As-built inspections	Routine inspections	Latest inspection
South field 600-ft grassed waterway	Grassed Waterway	Built		1	1	2027-08-06
North slope terrace system	Terrace System	Built	2028-04-18	1	1	2032-06-11

Chronological lifecycle record

Date	Event	Item	Outcome / note
2026-08-10	As-built inspection	South field 600-ft grassed waterway	PASS
2026-12-31	Management	soybeans; wr, ST, z1	A 1.2915 t/ac/yr
2027-08-06	Routine inspection	South field 600-ft grassed waterway	PASS
2027-12-31	Management	soybeans; wr, ST, z1	A 1.2853 t/ac/yr
2028-04-18	Engineering	North slope terrace system	Built
2028-10-02	As-built inspection	North slope terrace system	PASS
2028-12-31	Management	soybeans; wr, ST, z1	A 1.2824 t/ac/yr
2029-12-31	Management	soybeans; wr, ST, z1	A 1.2810 t/ac/yr
2030-12-31	Management	soybeans; wr, ST, z1	A 1.2802 t/ac/yr
2031-12-31	Management	soybeans; wr, ST, z1	A 1.2799 t/ac/yr
2032-06-11	Routine inspection	North slope terrace system	PASS
2032-12-31	Management	soybeans; wr, ST, z1	A 1.2797 t/ac/yr
2033-12-31	Management	soybeans; wr, ST, z1	A 1.2796 t/ac/yr
	Engineering	South field 600-ft grassed waterway	Built