

**Vulnerable Species Pilot**

- Mitigation measures (applied broadly across different types of pesticides) for species with limited ranges & where pesticides have already been identified as a stressor for the species. ~27 species identified

**Rodenticide Strategy**

- Address effects to mammals & birds that consume rodenticide bait (1° consumers), & to birds, mammals & reptiles that consume 1° consumers

**Rodenticide Biological Evaluation**

**Herbicide Strategy**

- Focus on ESA-listed plants & those species that rely on plants
- Address spray drift & runoff transport from treated fields to minimize exposure

**Insecticide Strategy**

**Fungicide Strategy**

- Strategy to address vulnerable species that may be affected by fungicides

**Organophosphate Biological Evaluation**

- BE's: Acephate, Bensulide, Dimethoate, Ethoprop, Naled, Phorate, Phosmet & S,S,S-tributyl phosphorotrithioate
- Nationwide Scale Effects Determination: Dichlorvos (DDVP)
- Other AI's may be added if practicable

**Compensatory Mitigation**

Public Outreach (Draft White paper & Story Maps) conducted by 6/30/2023

45-day Comment Period for white paper

After outreach, determine if mitigations should be revised or more added by 12/30/2023

Determine how to expand the approach to other vulnerable species by 9/30/2024

Mitigation measures developed for 3 representative species. 1 mammal 1° consumer; 1 bird 1° consumer & a 2° consumer) & plan to consider expanding mitigations to apply to ~90 other ESA-listed species.

Mitigation measures for the representative species incorporated into Rodenticide PID's. Issued in 11/2022

Draft Rodenticide BE in 11/2023. Will consider the mitigations identified in Rodenticide PID's

Draft BE By 11/12/2023

60-day comment period (With option to extend BE's up to 60 days for good cause)

Final BE By 11/12/2024 (or adjusted accordingly due to possible comment extension)

Draft Strategy By 7/30/2023

60-day comment period

Final Strategy + Response to Comments Document By 3/30/2024

After 3/30/24 - Strategy mitigation measures incorporated into PID's issued under EPA registration review program.

Group PID's, instead of chemical-specific, will be issued as appropriate.

60-day comment period for PID's

Draft Strategy By 7/30/2024

60-day comment period

Final Strategy + Response to Comments Document By 1/17/25 – 3/31/25

After 3/31/25, Strategy mitigation measures incorporated into PID's issued under EPA registration review program.

Group PID's, instead of chemical-specific, will be issued as appropriate.

60-day comment period for PID's

Attempt to agree on Completion date no later than 8/31/2024

Track 1 - all 8 AI's

Draft BE By 3/31/2027

Final BE By 9/30/2027

Track 2 Group 1 - 4 of 8 AI's Group 2 – 4 of 8 AI's

Draft BE Group 1 By 3/31/2026 Group 2 By 3/31/2027

60-day comment period

Final BE Group 1 By 9/30/2026 Group 2 By 9/30/2027

Intervenors to organize & fund workshop to explore how offsets may be used to address effects of pesticide registrations. Within 2 years of effective agreement date