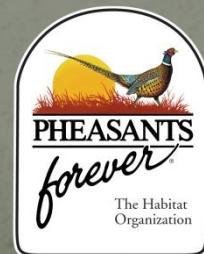


High Quality Habitat

“It’s simple until we
Complicate it”

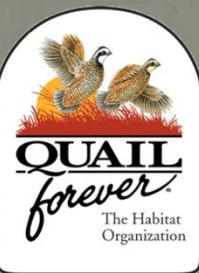
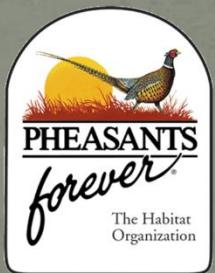
Jason Bleich
PFQF Conservation Specialist



DOT PARTNERSHIPS



UTILITY PARTNERSHIPS



Key Considerations For High Quality Habitat

Lots of Diversity

The entire growing season

Flower size, shape, and structure



TRANSMISSION LINE & PIPELINE MIXES

These mixes have been designed to provide quality habitat for pollinators and other wildlife while also enabling managers the flexibility for chemical control of potential weed pressure.

Pipeline Mix (applicable for transmission lines) - Meets FERC Standards

Plateau, Imazapyr—Tolerant Mix (but will kill cool season grass in mix)

6.65 PLS #s: 33 Species

Grasses: Big Bluestem (0.1), Canada Wildrye (1.0), Little Bluestem (0.9), Orchardgrass (0.3), Purple Top (0.2), Sideoats Grama (0.8), Switchgrass (0.1), Timothy (0.2) Wildflowers/Legumes: Alsike Clover (0.05), Black-eyed Susan (0.105), Brown-eyed Susan (0.07), Butterfly Milkweed (0.03), Evening Primrose (0.04), Common Milkweed (0.03), Crimson Clover (0.4), Culvers Root (0.005), False Sunflower (0.2), Foxglove Beardtongue (0.02), Golden Alexander (0.03), Grayhead Coneflower (0.06), Hoary Vervain (0.03), IL Bundliflower (0.5), Ladino Clover (0.06), Lanceleaf Coreopsis (0.4), New England Aster (0.04), Partridge Pea (0.5), Purple Cone-flower (0.25), Purple Prairie Clover (0.1), Smooth Blue Aster (0.02), Stiff Goldenrod (0.03), Swamp Milkweed (0.03), Mountain Mint (0.01), Wild Bergamot (0.04).

IVM Transmission Line Mix (applicable for pipelines)

Milestone, Stinger, Transline, Plateau, Imazapyr—Tolerant Mix

6.064 PLS #s: 31 Species

Grasses: Big Bluestem (0.5), Indiangrass (0.25), Little Bluestem (1.5), Sideoats Grama (1.25), Switchgrass (0.5) Wildflowers/Legumes: Alsike Clover (0.05), Blackeyed Susan (0.105), Browneyed Susan (0.07), Butter-fly Milkweed (0.03), Evening Primrose (0.04), Common Milkweed (0.03), Crimson Clover (0.4), Culvers Root (0.002), Cup Plant (0.02), False Sunflower (0.2), Foxglove Beardtongue (0.01), Golden Alexanders (0.025), Grayhead coneflower (0.06), Hoary Vervain (0.025), IL Bundliflower (0.5), Korean Lespedeza (0.1), Ladino Clover (0.03), Lanceleaf Coreopsis (0.4), New England Aster (0.032), Partridge Pea (0.5), Purple Coneflower (0.2), Smooth Blue Aster (0.015), Stiff Goldenrod (0.03), Swamp Milkweed (0.03), Mountain Mint (0.01), Wild Bergamot (0.05).

IVM Transmission Line Wet Soils Mix (applicable for pipelines)

9.616 PLS #s: 29 Species

Grasses: Big Bluestem (0.5), Indiangrass (0.25), Canada Wildrye (3.0), Virginia Wildrye (3.0), Switchgrass (0.5) Wildflowers/Legumes: Alsike Clover (0.05), Blackeyed Susan (0.105), Browneyed Susan (0.1), Wild Senna (0.5), Cardinal Flower (0.01), Common Milkweed (0.03), Crimson Clover (0.4), Culvers Root (0.002), Cup Plant (0.02), Foxglove Beardtongue (0.01), Golden Alexanders (0.025), Blue Vervain (0.03), Great Blue Lobelia (0.004), Korean Lespedeza (0.1), Ladino Clover (0.03), Joe Pyeweed (0.02), New England Aster (0.04), Partridge Pea (0.5), Purple Coneflower (0.3), Smooth Blue Aster (0.015), Riddells Goldenrod (0.015), Swamp Milkweed (0.03), Mountain Mint (0.01), Sneezeweed (0.02).

SOLAR FARM MIXES

Designed to provide pollinator-friendly habitat with a short structure which does not reduce solar array potential and reduces long term maintenance requirements.

Solar Farm Array-Area Mix (24" - 30" Average Height)

6.085 PLS #s: 19 Species

Grasses: Blue Grama (0.1), Little Bluestem (0.55), Rough Dropseed (0.04), Prairie Junegrass (0.05), Sideoats Grama (0.5) Wildflowers/Legumes: Golden Alexanders (0.1), Lanceleaf Coreopsis (0.4), Canada Milkvetch (0.1), Butterfly Milkweed (0.3), Common Milk-weed (0.2), Virginia Mountain Mint (0.02), Plains Coreopsis (0.15), Purple Prairie Clover (0.4), White Prairie Clover (0.3), Ohio Spiderwort (0.1), Upright Prairie Coneflower (0.025), Alfalfa (0.5), Alsike Clover (0.25), Crimson Clover (1.5), Ladino White Clover (0.25), Korean Lespedeza (0.25)

Solar Farm Array-Area Short Mix (16" - 24" Average Height)

4.62 PLS #s: 29 Species

Grasses: Blue Grama (0.3), Prairie Junegrass (0.22) Wildflowers/Legumes: Golden Alexanders (0.1), Purple Prairie Clover (0.4), White Prairie Clover (0.3), Butterfly (0.3), Ladino Clover (1.0), Korean Lespedeza (2.0).

Solar Farm Array Perimeter Buffer Mix

2.33 PLS #s: 29 Species

Grasses: Big Bluestem (0.3), Little Bluestem (0.51), Rough Dropseed (0.04), Indiangrass (0.1), Prairie Junegrass (0.05), Switchgrass (0.3) Wildflowers/Legumes: Heath Aster (0.003), Wild Bergamot (0.032), False Boneset (0.001), Prairie Cinquefoil (0.005), Yellow Coneflower (0.025), Purple Coneflower (0.1), Lance-leaf Coreopsis (0.15), Culvers Root (0.001), Evening Primrose (0.03), Gray Goldenrod (0.001), IL Bundliflower (0.15), Leadplant (0.01), Canada Milkvetch (0.05), Butterfly Milkweed (0.02), Common Milkweed (0.02), Narrowleaf Mountain Mint (0.001), Partridge Pea (0.2), Purple Prairie Clover (0.1), Seedbox (0.003), False Sunflower (0.05), Blackeyed Susan (0.063), Hoary Vervain (0.012), Crimson Clover (0.2).



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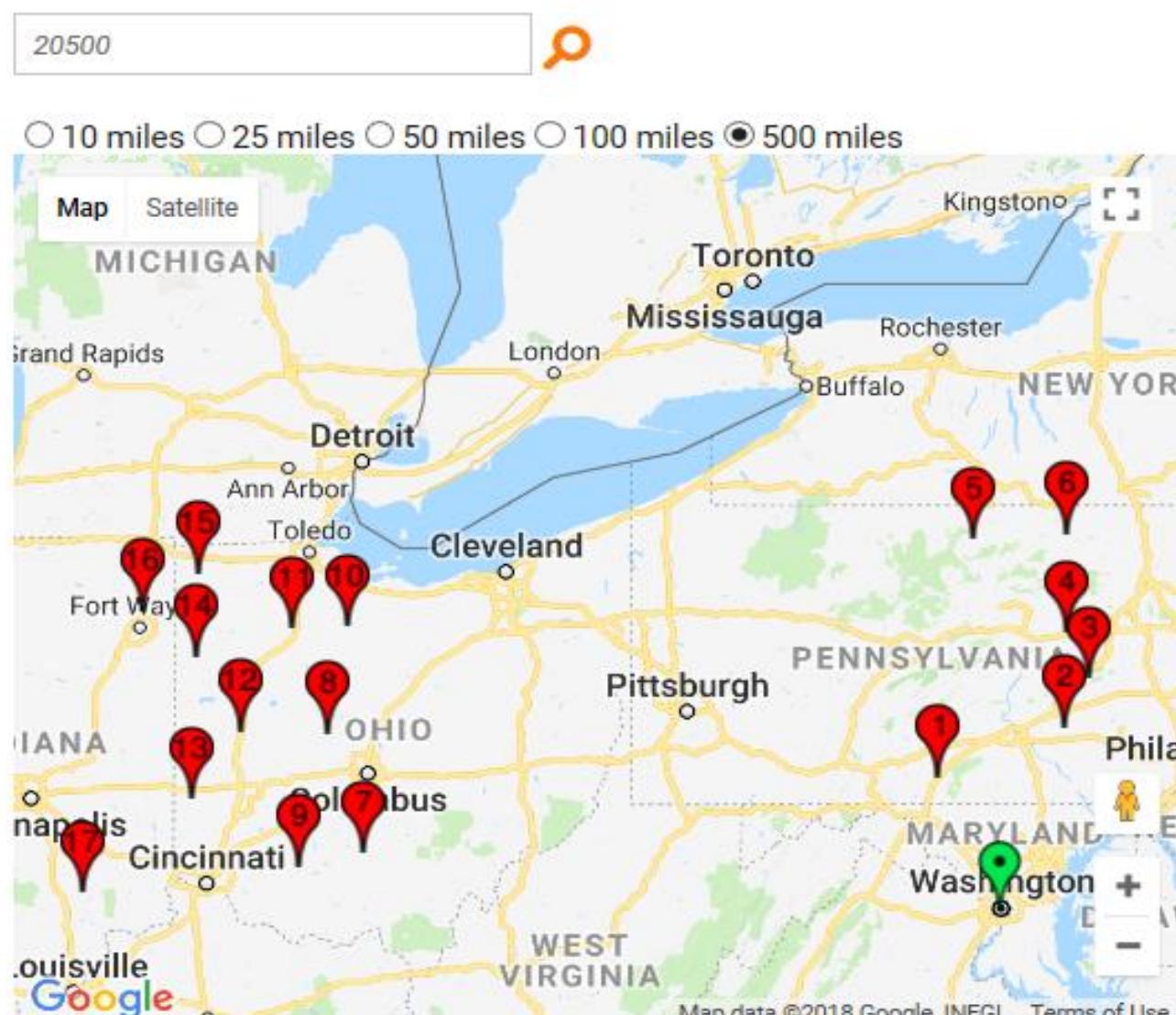
► Public Land

► Habitat Legacy

► Farm Bill Priorities

WHAT FARM BILL BIOLOGISTS DO:

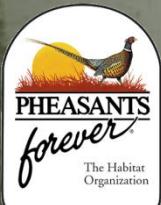
- Accelerate enrollment in U.S. Department of Agriculture (USDA) Farm Bill conservation programs, like the Conservation Reserve Program (CRP).
- Add wildlife technical assistance in USDA offices to assist the Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA) and other conservation partners with delivering conservation programs to landowners.



NEW SEEDINGS



SIGNAGE = PUBLICITY



- <https://www.facebook.com/AmerenIllinois/videos/2035778603162483/>

Improving pollinator and wildlife habitats

Posted by Ameren Illinois

6,134 Views



Nathan Schuetz

Vegetation Supervisor

Everybody involved gets a win out of it, I think.
The wildlife is getting some increased habitat here



-0:24 HD