Pollinator-Friendly Farming Checklist

(Branded for ToAgriculture.com)

Quick Habitat Assessment □

Identify existing pollinator resources on your farm:

- ☐ Observe which **pollinator species** visit your crops
- ☐ Identify **nesting sites** (soil patches, deadwood, hedgerows)
- ☐ Check for **nearby wildflower sources**
- ☐ Note **seasonal gaps** in bloom resources
- ☐ Use apps like **BeeSmart** or **iNaturalist** to map pollinator diversity

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Year-Round Forage Plan □

Ensure **continuous blooming** to support pollinators:

- ☐ Create a **12-month bloom calendar** for your farm
- ☐ Plant **wildflower strips**, **cover crops**, and **hedgerows**
- ☐ Include **early-spring blooms** (mustard, marigold)
- ☐ Add **summer nectar sources** (sunflower, sesame, mango)
- ☐ Maintain **late-season flowers** (buckwheat, cosmos, niger)
- ☐ Rotate flowering crops to avoid **seasonal food shortages**

Nesting & Shelter Options □

Provide safe nesting habitats:

- ☐ Leave **bare soil patches** for ground-nesting bees
- ☐ Add **deadwood** and **hollow stems** for cavity-nesting bees
- ☐ Install **bee hotels** or bamboo bundles
- ☐ Maintain **undisturbed field margins** for wild habitats
- ☐ Avoid **excessive tillage** that destroys underground nests

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Pesticide Management □

Protect pollinators while managing pests:

- □ Use **Integrated Pest Management (IPM)** strategies
- □ Avoid spraying during **peak pollinator activity** (morning & afternoon)
- □ Prefer **bee-safe pesticides** and **targeted applications**
- □ Spray **at night** when pollinators are inactive
- □ Always follow **label instructions** carefully

Native Plants Priority List □

Plant **regionally adapted flowers** to attract and sustain pollinators.

Bangladesh

- Mustard (Brassica juncea)
- Sesame (Sesamum indicum)
- Niger (Guizotia abyssinica)
- Indian Coral Tree (Erythrina variegata)
- Mango, Litchi, Guava

India

- Marigold (Tagetes erecta)
- Sunflower (Helianthus annuus)
- Coriander (Coriandrum sativum)
- Pongamia (Pongamia pinnata)
- Curry Leaf (Murraya koenigii)

USA

- Purple Coneflower (Echinacea purpurea)
- Black-eyed Susan (Rudbeckia hirta)
- Milkweed (Asclepias spp.)
- Goldenrod (Solidago spp.)
- Wild Lupine (Lupinus perennis)

Bloom Calendar □

(Bangladesh, India, and USA-specific)

Month	Bangladesh Crops	India Crops	USA Wildflowers & Crops
Jan-Feb	Mustard, Niger	Coriander, Marigold	Lupine, Goldenrod
Mar-Apr	Mango, Sesame	Sunflower, Curry Leaf	Coneflower, Milkweed
May-Jun	Litchi, Guava	Pongamia, Niger	Black-eyed Susan, Clover
Jul-Aug	Citrus, Guava	Sesame, Niger	Wild Lupine, Goldenrod
Sep-Oct	Mustard, Niger	Marigold, Coriander	Asters, Coneflower
Nov-Dec	Sesame, Mustard	Sunflower, Pongamia	Goldenrod, Milkweed

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Free Resource □

□ **Download the "Pollinator-Friendly Farming Checklist"**
Build a sustainable farm ecosystem while protecting biodiversity.

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