

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**
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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

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*)
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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

Free Resource ☐

☐ **Download the “Pollinator-Friendly Farming Checklist”**
Build a sustainable farm ecosystem while protecting biodiversity.