

MANAGE FALL ARMYWORM IN 3 STEPS



1. Incorporate agronomic actions



2. Identify pest and decide when to treat



3. Control FAW using IRM principles

Implement Integrated Pest Management (IPM) Through The Season



Fall Armyworm – FAW – *Spodoptera frugiperda*

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IRM – Insecticide Resistance Management

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STEP 1. INCORPORATE AGRONOMIC ACTIONS

BE ALERT: Manage risk of FAW using agronomic practices

Rotate to non-host crops which reduces future FAW populations

Plan crop and pest management program before the season starts



Control weeds

- Removes host for FAW egg laying and feeding
- Weeds compete for nutrients and impact corn growth



Remove cover crop and volunteers

Prevents larval movement to seedling corn



Plant early with first rains

May provide significant window for crop growth prior to FAW infestation and minimizes time in susceptible "stem cutting" stage

Plant here

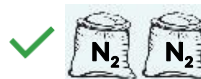


Avoid planting



Apply fertilizer to recommendation

Excessive fertilizer will not protect yield and/or compensate for FAW damage



Post-harvest: Destroy infested plants and crop residue

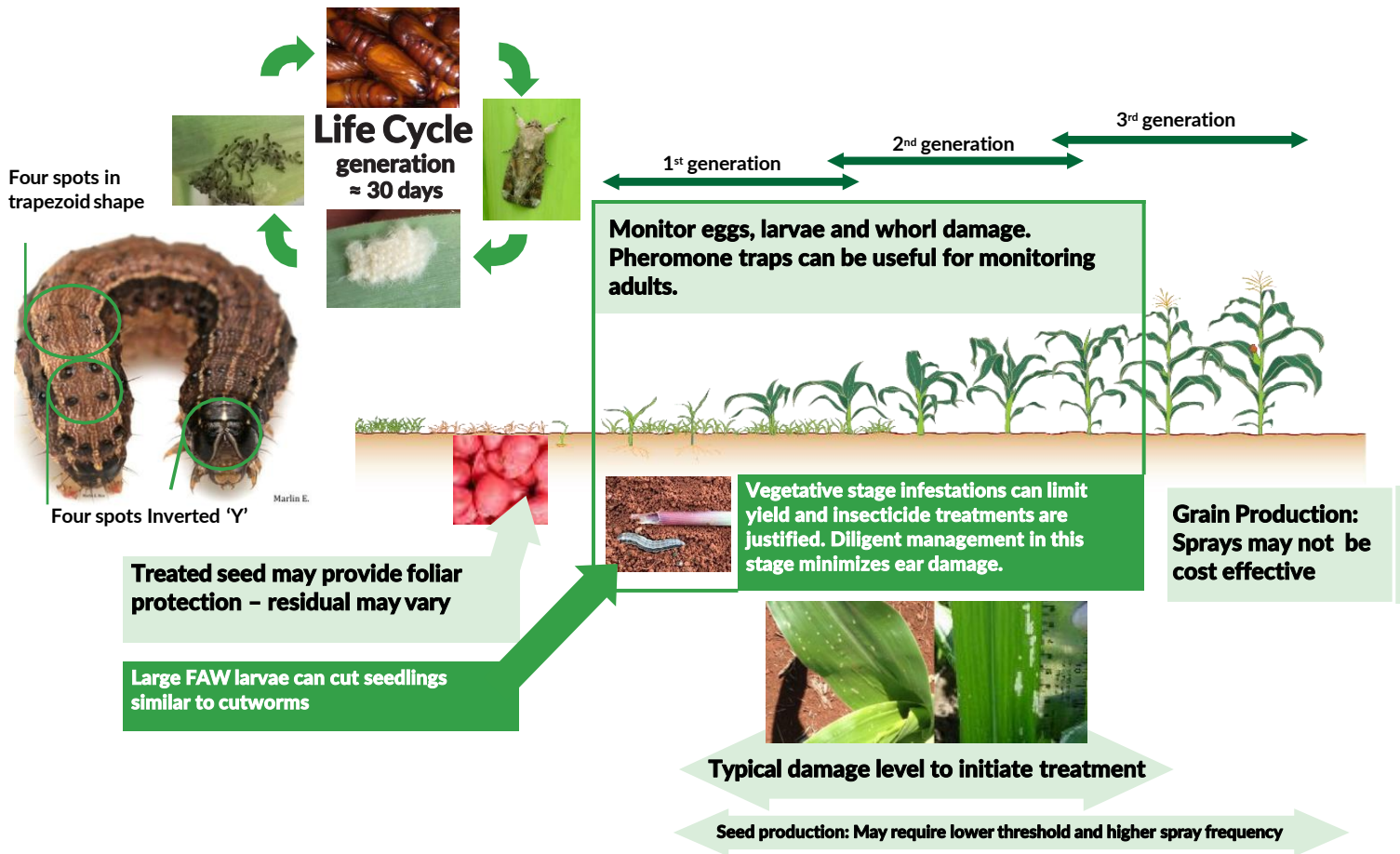
Sanitation practices control FAW and reduce future FAW populations



STEP 2. IDENTIFY PEST AND DECIDE WHEN TO TREAT



BE ALERT: FAW may occur throughout the season, but only treat when necessary



STEP 3. CONTROL FAW USING IRM PRINCIPLES



BE ALERT: Delay resistance by applying different MoAs against sequential pest generations

Insecticide Resistance Management Strategy: Rotate Modes of Action (MoA)



- Alternate different MoA products between spray "Windows"
- Window is length of pest generation or ~30 days
- Residual activity of MoA "Window" should not exceed 30 days
- Do not use same MoA in sequential "Windows"
- "Windows" MoA rotation applies to solo and mixture products
- Always apply insecticides according to product labels

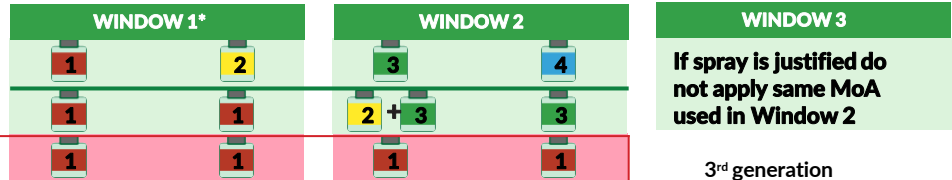
- Identify MoA Number from product label or IRAC MoA smart phone App or other sources
- Products with same number have the same MoA

The Examples of MoA Numbers on Product Labels

Single MoA	GROUP 1	INSECTICIDE
Two MoAs	GROUP 1	INSECTICIDE
	GROUP 2	INSECTICIDE

Insecticide Rotation Program

- Strongly Recommended ✓ ✓
- Recommended ✓
- Not Recommended ✗



* Seed treatment or foliar spray

