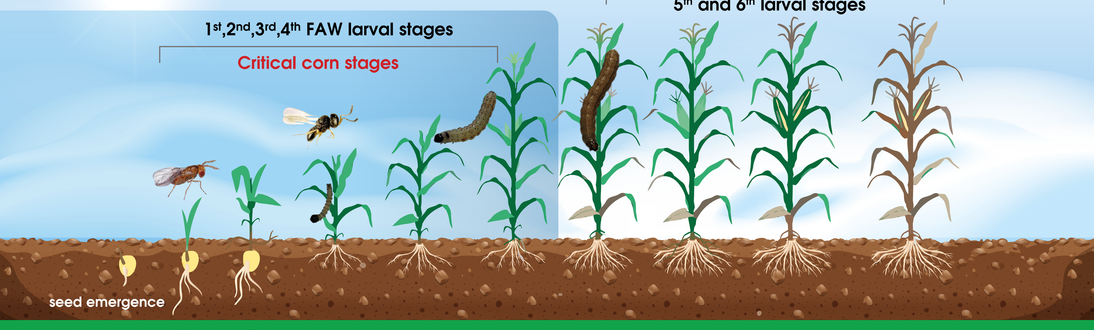
Food and Agriculture Organization of the United Nations

Regional Workshop on Fall Armyworm (FAW) Management in the Near East and North Africa Region

Cairo, Egypt 3-4 October, 2022

Corn critical growth stages, and the sensitive FAW larvae



days	0	7	14	28	42	56	66	70-100	100-150
Growth stage	VE	V2	V5	V8	V12	VT	R1	R5	average 130

2 leaves stage | 5 leaves-tassel formation | 8 leaves stage | 16-20 leaves stage | Maturity & harvesting

Emergence stage = VE | Vegetative growth stage = V | Reproduction stage = R

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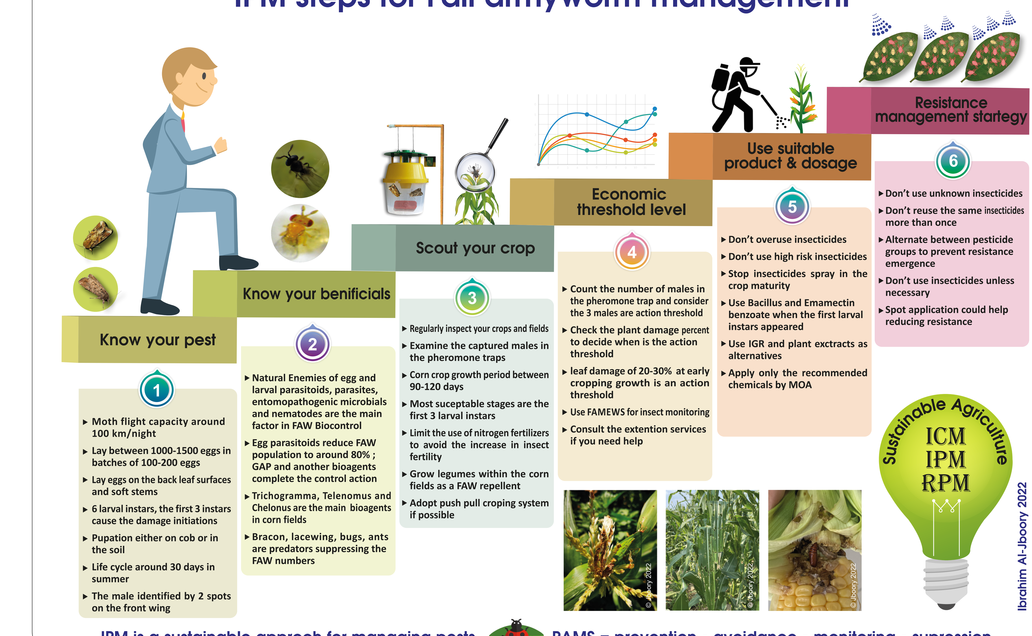
IPM steps for Fall armyworm management



IPM is a sustainable approch for managing pests — PAMS = prevention - avoidance - monitoring - supression

Proposed control measures in the demonstration fields

1. **Apply Bt after 10-25 days, IGR lufenuron after 20-30days, apply Emamectin benzoate after 35-45 days**
2. **Apply Bt after 10-25 days, mixture of Bt and indoxacarb after 20-30 days,Emmamectin benzoate after 35-45 days**
3. **Apply Bt after 10-25 days,mixture of Bt and IGR after 20-30 days and Emamectin benzoate after 35-45 days**
4. **Apply Bacillus thuringiensis after 10-25 days of seed emergence,20-30 days mixture of Bt and IGR, after 35-45 days either Azadirachtin or Alphacypermethrin**

Notes

1. **Egg and larval parasitoids release in the first plant growth stages when infestated;**
2. **Applying the entomopathogenic fungus Metarhizium anisopliae in the seeding stage and 20 days after seed emergence;**
3. **Apply the local Bt and fungi strains if available or the official registered strains;**
4. **Use pheromone traps for monitoring; 3 captured males in the traps is an economic threshold for saving your crop**

Emergency preparedness and response to strengthen capacities of NENA countries to mitigate the risk of Fall Armyworm (FAW) in the region **TCP/RAB/3803**