




رضاپور مهدی علمدارلو
Alamdarlou.r@arc-ordc.ir
دکترای بیماری‌شناسی گیاهی

مرکز تحقیقات کاربردی و تولید بذرها، شرکت توسعه کشت دانه‌های روغنی

Soybean pests management

Soybean growth stage							Pest management strategies
	Cotyledon (VC)	First compound leaf (V1)	Multi-leaves (Vn)	Flowering (R1-R2)	Podding (R3-R4)	Seed filling (R5-R6)	
Cutworms	<i>Agrotis segetum</i>						Deep plowing after harvest, Winter flooding, Use of Poisonous baits (mix of insecticides and wheat bran), Spraying with insecticides at the end of the day.
Thrips		<i>Thrips tabaci</i>					Timely cultivation, Rotation, Seed treatment or spraying with suitable insecticides such as thiamethoxam and imidacloprid.
Aphids	<i>Aphis glycines, Aphis gossypii</i>						Timely cultivation, Weeds control, Seed treatment or spraying with suitable insecticides, Tolerant or resistant varieties.
Two spotted spider mite			<i>Tetranychus urticaea</i>				Weeds control, Rotation and Stubble management, Proper nutrition, Spraying with suitable miticides.
White fly			<i>Bemisia tabaci</i>				Timely cultivation, Weeds control, Rotation and Stubble management, Spraying with suitable insecticides.
Leaf-feeding larva	<i>Spodoptera spp</i>						Deep plowing after harvest, Winter flooding, Weeds control, Spraying with

							insecticides at the end of the day.
Pod borer				<i>Helicoverpa spp</i>			Deep plowing after harvest, Winter flooding, Rotation, Weeds control, Spraying with insecticides, Biological control by wasps.
Pod moth					<i>Etiella zinckenella</i>		Deep plowing after harvest, Winter flooding, Rotation, Weeds control, Spraying with insecticides
Leaf miner			<i>Liriomyza sp.</i>				Weeds control, Rotation and Stubble management, Spraying with insecticides.
Bean Leaf Beetle	<i>Ceratoma trifurcata</i>						Rotation, Weeds control, Seed treatment or spraying with suitable insecticides.