Cotton Solutions

"Solve your toughest enemies with us"

COTTON	PLANT PHENOLOGICAL PERIOD / PROBLEMS	SEED	SEEDLING	FIRST FLORAL BUDS	BLOOMING	BOLL SET	BOLL OPENING	HARVEST
DISEASES	SOIL-BORNE DISEASES	ASTRADYN 125 FS						
PESTS	SPIDER MITES	ALOPEC EC, CONCID 5 EC						
				DERAST 20, NOVAMITE				
		BIZANTION 240 SC						
	SUCKING PESTS	POTEGON 20 SP						
				TERUYA 50 WG				
					FEAROW 20 EC			
						NOIRAD 100 EC		
	LEAF WORMS	NATUGREN 20 SC						
		ASTROZE						
					ARALIX 480 SC			
		SPODHEL SG						
	COTTON BOLLWORM	GROUND						
				ARALIX 480 SC				
		NATUGREN 20 SC						
WEEDS	NARROW AND BROAD LEAF WEEDS (PRE-EM)	AMID 330 EC - SHAACKAST 450 SC - FUJION- S						
	NARROW LEAF WEEDS (POST-EM)	GAYDER 108 EC						
		NOVILADE FORTE						
PLANT GROWTH REGULATOR	DEFOLIANT							ATT CK 72 SL

Our Plant Solutions

ASTRANOVA

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ASTRANOVA COTTON SOLUTIONS

Herbicide	Target Weeds	Dose 100 L Water	PHI / Day
Shackast 450 CS 450 g/l Pendimethalin	Euphorbia *(Euphorbia prostrata)* Green amaranth *(Amaranthus viridis)* Wild jute *(Corchorus olitorius)* Forkwort *(Digitaria sanguinalis)* H.Purslane *(Portulaca oleracea)*, Hedgehog (Setaria verticillata) Vinegar *(Chenopodium album)* Red Rooted foxtail, *(Amaranthus retroflexus)* Datura *(Datura stramonium)* Darican *(Echinochloa crus-galli)* Dogcurrant *(Solanum nigum)* Spotted barberry *(Echinochloa colonum)*	300 ml/da before planting	-
Fujion-S 915 g/l S-Metolachlor + 45 g/l Benoxacor	Chenopodium album) Buckthorn *(Cynopodium album)* rotundus) Darıcan *(Echinochloa crus-galli)* Purslane *(Portulaca oleracea)*	150 ml/da It is mixed into the soil before planting.	-
Amid 330 EC 330 g/l Pendimethalin	Foxtail *(Alopecurus myosuroides)* Cockscomb *(Amaranthus albus)* Mouseear *(Anagallis arvensis)* Windgrass *(Apera spicaventi)* Black chard *(Atriplex patula)* Shepherd's purse *(Capsella bursa-pastoris)* Siren *(Chenopodium album)* Bamboograss *(Chriarozophoratin)* Forkgrass *(Digitaria sanguinalis)* Darıcan *(Echinochloa crus-galli)* Euphorbia *(Euphorbia spp.)* Gray grass *(Heliotropium europaeum)* Honeybaba *(Lamium amplexicaule)* Chamomile *(Matricaria spp.)* Weasel *(Papaver rhoeas)*, Purslane *(Portulaca oleracea)* Hollow grass *(Polygonum spp.)* Bluegrass *(Poa pratensis)* Porcupine millet *(Setaria spp.)* Sticky grass *(Setaria verticillata)* Nightingale grass *(Sisymbrium officinale)* Birdgrass *(Stelleria media)* Dogcurrant *(Solanum nigrum)* Canary / Geliç *(Sorghum halepense)* From seed Field maple *(Thlaspi arvense)* Stinging nettle *(Urtica urens)*	500 ml/da Before sowing Before emergence	-
Gayder 108 EC 108 g/l Haloxyfop-P-methyl ester	Johnson grass *(Sorghum halepense)*	60 ml/da	15
Novilade forte 150 g/l Fluazifop-p-butyl	Johnson grass *(Sorghum halepense)*	100 ml/da Kanyash were 15-25 cm long, if it necesary second application can be 1 month	56

Fungicide	Target Diseases	Dose 100 L Water	PHI / Day
Astradyn 125 FS 75g/l Azoxystrobin + 37,5 Metalaxyl-M + 12,5 g/l Fludioxonil	Damping off *(Rhizoctania solani, Fusarium spp, Phytium spp)*	250 ml/100 kg seeds	-

Insecticide	Target Pests	Dose 100 L Water	PHI / Day
Novirad 100EC 100 g / l Pyriproxyfen	Tobacco whitefly *(Bemisia tabaci)*	50 ml/da	28
Potegon 20 SP % 20 Acetamiprid	Tobacco whitefly *(Bemisia tabaci)* Aphid *(Aphis gossypii)*, Leafhoppers *(Empoasca spp)*	40 g/da 10 g/da	-
Spodhel SG % 5 Emamectin Benzoate	Leafworm *(Spodoptera littoralis)* Cotton Bollworm *(Helicoverpa armigera)*	35 g /da 40 g /da	7 21
Bedlis 50 EC 50 g/l Lufenuron	Leafworm *(Spodoptera littoralis)*	30 ml/da	28
Teruya 50 WG % 50 Flonicamid	Aphid *(Aphis gossypii)*	20 g/da	21
Astroze 240 g/l Methoxyfenozide	Leafworm *(Spodoptera littoralis)*	37,5 ml /da	21
Aralix 480 SC 480 g/l Spinosad	Cotton Bollworm *(Helicoverpa armigera)* Leafworm *(Spodoptera littoralis)*	12,5 ml/ da 25 ml/ da	28
Natugren 20 SC 200 g/l Chlorantraniliprole	Egyptian bollwarm *(Earias insulana)* Leafworm *(Spodoptera littoralis)* Cotton Bollworm *(Helicoverpa armigera)*	20 ml/da 17,5 ml /da 17,5 ml /da	21
Ground 75 g/l Indoxacarb + 18 g/l Abamectin	Cotton Bollworm *(Helicoverpa armigera)*	70 ml/da	14

Acaricide	Target Pests	Dose 100 L Water	PHI / Day
Alopec EC 18 g/l Abamectin	Two-spotted spider mite *(Tetranychus urticae)*	50 ml/da	21
Novamite 110 g/l Etoxazole	Two-spotted spider mite *(Tetranychus urticae)* Red Spider *(Tetranychus cinnabarinus)*	25 ml/da 50 ml/da	21

BGD	Plant Type	Dose 100 L Water	PHI / Day
Attack 72 SL 720 g/l Ethephon	Cotton	200 ml/da	14

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