US Agriseeds®
Seed that Works

SEEDWORKS®

Cotton - North

US 51 SUPER
(SWCH 4744 BG II)

» Tolerant to water stress conditions
» Good boll opening and easy pickability
» Suitable for light to medium soil
» Recommended for states-PB, HR and RJ



US 51 SUPER PLUS
(SWCH 4750 BG II)

» Tolerant to water stress conditions
» Good boll opening and easy pickability
» Suitable for light to medium soil
» Recommended for states-PB, HR and RJ



US 71
(SWCH 4755 BG II)

» High yield
» Medium-maturity hybrid
» Suitable for medium to heavy soil
» Recommended for states-PB, HR and RJ



US 81
(SWCH 4757 BG II)

» Chain Boll bearing
» Good tolerance to sucking pests
» Suitable for Medium to Heavy Soils
Recommended for states-PB, HR and RJ



US 91
(SWCH 4748 BG II)

» Big boll size
» Suitable for light to medium soil
» Tolerant to sucking pests
» Recommended for states-PB, HR and RJ



US 4141
(SWCH 4735 BG II)

» More Boll count & Higher Yield
» Good boll bursting & Excellent pickability
» Excellent tolerance to CLCuD
» Recommended for states- PB, HR and RJ



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Cotton - South & Central

US 7067
(SWCH 4749 BG II)

» Major yields in the first 2 pickings
» Big boll size
» Easy picking
» Recommended for MH, GJ, MP, AP, TS, KA, and TN



US 704 BG II

» Big and uniform bolls
» Good boll retention
» Tolerance to sucking pest
» Recommended for AP, TS, KA, TN, MH, MP and GJ



US 707 BG II

» More no of Bolls and More yield
» Stress tolerance
» Good Boll bursting and Excellent pickability
» Recommended for states- AP, TS, KA, TN



US 4708
(SWCH 4708 BG II)

» Chain boll bearing with high yield
» Medium maturity hybrid
» Good boll bursting & easy pickability
» Tolerant to sucking pests
» Recommended for MH, GJ, MP, AP, TS, KA and TN



US 4753
(SWCH 4753 BG II)

» Big boll size
» Excellent sucking pest tolerance
» Chain boll bearing and high yield
» Recommended for MH, GJ, MP, AP, TS, KA, and TN



US 4823
(SWCH 4823 BG II)

» Early maturity
» Excellent bursting and easy pickability
» Fitment in Closer spacing and HDPS
» Recommended for states MH, MP, AP, TS, KA and TN



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Cotton - Maharashtra

SWCH 4749 BG II
(US 7067)

» Major yields in the first 2 pickings
» Big boll size
» Easy picking
» Recommended for MH, GJ, MP, AP, TS, KA, and TN



SWCH 4708 BG II
(US 4708)

» Chain boll bearing with high yield
» Medium maturity hybrid
» Good boll bursting & easy pickability
» Tolerant to sucking pests
» Recommended for MH, GJ, MP, AP, TS, KA and TN



SWCH 4753 BG II
(US 4753)

» Big boll size
» Excellent sucking pest tolerance
» Chain boll bearing and high yield
» Recommended for MH, GJ, MP, AP, TS, KA, and TN



SWCH 4823 BG II
(US 4823)

» Early maturity
» Excellent bursting and easy pickability
» Fitment in Closer spacing and HDPS
» Recommended for states MH, MP, AP, TS, KA and TN



SWCH 4754 BG II
(US 4754)

» More no of Bolls and More yield
» Stress tolerance
» Good Boll bursting and Excellent pickability
» Recommended for states- MH, MP and GJ



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Cotton Package of Practices



Seed Rate

» 1.5 to 2 packets/acre

State	Tentative Spacing for Cotton(Row to Row &Plant to Plant in Cm)
Haryana	105*60
Punjab/Rajasthan	67.5*67.5
Andhra Pradesh	115*60
Telangana	90*60
Karnataka	90*30
Tamil Nadu	90*90
Maharashtra/MP	120*60
Gujarat	140*45

The spacing needs to be adjusted based on the type of plant and soil type.



Weed Control

» **Weed control:** Critical during the first 8-10 weeks
» **Grass weed control:** Pendimethalin @ 1 liter/acre (pre-emergence), Quizalofop-ethyl / Fenoxaprop-p-ethyl @ 400 ml/acre (post-emergence)
» **Broadleaf weed control:** Pyrithiobac sodium @ 300 ml/acre (post- emergence)



Fertilizer Management (kg/acre)

State	N	P	K
Haryana	60	24	24
Punjab	42	12	0
Rajasthan	60	16	8
Gujarat	64	20	24
Maharasthra-Khandesh	40-50	20-25	20-25
Maharashtra-Marathwada	50-60	25-30	25-30
Maharashtra-Vidarbha	25-50	12-24	12-24
Madhya Pradesh	48-60	24-30	24
Andhra Pradesh	48	24	24
Telangana	48	24	24
Karnataka	48	24	24
Tamil Nadu	48	24	24



Pest Control Measures & Disease Management

Pink Bollworm: (Quantity 10 liters of water)
- Pheromone Trap: 2 traps/acre to monitor moth activity, 8 traps/acre for mating disruption
- 50 to 60 days: Neem oil @ 50 ml
- 60 to 90 days: Profenofos @ 30 ml, Chlorpyrifos @ 25 ml
- **90 to 120 days:** Quinalphos @ 25 ml, Alphamethrin @ 6 ml
- **Above 120 days:** Cypermethrin (10EC) @ 10 ml, Deltamethrin @ 10 ml

Sucking Pest: (Quantity/acre)
- **Whitefly:**
  - Pyriproxyfen @ 500 ml/acre
  - Dinotefuran @ 60 grams/acre
- **Jassids:**
  - Flonicamid @ 80 grams/acre
  - Thiamethoxam @ 40 grams/acre
- **Thrips:**
  - Spinetoram @ 170 ml/acre
  - Profenofos @ 500 ml/acre

Fusarium Wilt:
- Seed treatment: Thiram @ 2 grams/kg of seed
- Carbendazim: @ 2 grams/liter of water

Root Rot:
Carbendazim: @ 2 grams/liter of water

Bacterial Blight:
- Carboxin: @ 1.5 grams/kg of seed
- Seed treatment: COC @ 500 grams + Agrimycin 20 grams/acre or Streptocycline @ 3 grams/acre foliar spray

Para Wilt:
- Cobalt Chloride: @ 1 gram/100 liters of water/acre spray

Other Key Points:
» Crop rotation and deep plowing.
» Spray Potassium Nitrate (13:00:45) as per the recommendation of the State Agricultural University.
» Use micronutrients Zinc (1 gram/liter) and Boron (1-1.5 grams/liter) for plant growth and development.
» Weed control is essential, mainly to avoid the spread of Congress grass, pests, and diseases.
» Clean the fields of leftover stalks and partially opened bolls.
» Maintain good drainage in the field to prevent wilting.
» Crop yield depends on the crop management practices followed by farmer and subject to environmental factors.