

Q
Questions

A
Answers



Advanced
Seed Treatment
Technology

Q WHAT IS AERIS® INSECTICIDE/NEMATICIDE SEED TREATMENT?

A AERIS is an insecticide/nematicide seed treatment for cotton that provides improved seedling health, increased grower production flexibility and the broadest spectrum available of plant protection against early season insects, including thrips, aphids and moderate populations of nematodes. AERIS offers solutions to growers with a new generation of seed-applied technology that is designed for today's cotton crop production needs. AERIS offers convenience, proven protection and flexibility — growers can tailor the system to their individual production practices.

Q WHAT PEST SPECTRUM CAN AERIS PROTECT AGAINST?

A Depending on local conditions, AERIS provides up to 28 days of thrips and cutworm protection; up to 42 days of aphid, fleahopper and plant bug protection; and up to 28 days of nematode protection on fields with low to moderate populations.

Q WHERE CAN I PURCHASE AERIS?

A The components of AERIS are premixed in a newly registered in-can formulation. You can purchase AERIS through all major cottonseed companies or your local dealer when you place your seed order. At this time, you can also request your choice of a premium fungicide, such as Trilex™ Advanced Seed-Applied System.

Q AVICTA® COMPLETE PAK CONTAINS A FUNGICIDE— WHY DOESN'T AERIS?

A Only AERIS offers growers the added flexibility of choice. Growers decide whether they want to add Trilex Advanced or another fungicide from their local dealer. Growers should consult with their local Extension agent, dealer, consultant or Bayer CropScience field representative for recommendations about using an additional fungicide treatment.

Q WHICH NEMATODE SPECIES DOES AERIS CONTROL, AND DOES THAT SPECTRUM AND LENGTH OF PROTECTION DIFFER FROM AVICTA?

A AERIS will provide seedling protection on fields with light to moderate populations of reniform, root-knot and lance nematodes for up to 28 days.

Q HOW DOES AERIS DIFFER FROM AVICTA?

A AERIS and AVICTA derive their base insecticidal activity from the neonicotinoid insecticide class. However, the nematicidal carbamate component of AERIS also provides additional systemic insecticidal activity that the secondary component of AVICTA does not provide. This difference provides a unique insect resistance management tool for growers. The AERIS label has a "caution" signal word, while AVICTA has a "warning" signal word.

I TRIED AVICTA LAST YEAR AND WAS NOT SATISFIED WITH ITS NEMATODE PERFORMANCE. WILL AERIS PROVIDE BETTER PERFORMANCE?

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A Aeris provides a broader spectrum of early season insect protection compared to Avicta, but all currently available seed treatments have a reduced level and shorter length of nematode protection compared to Temik® insecticide/nematicide. To ensure you are integrating the best management approach to your nematode problems, you may need to re-evaluate your production practices. Your local Bayer CropScience field representative can help evaluate your situation and recommend the production tool that best suits your needs.

I TRIED AVICTA LAST YEAR ON A FIELD WITH LOW TO MODERATE NEMATODE POPULATIONS AND WAS NOT SATISFIED WITH THRIPS PERFORMANCE. WILL AERIS PROVIDE BETTER PROTECTION AGAINST THRIPS?

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A Aeris provides the best level and length of thrips protection, including western flower thrips, of any currently available seed treatment. In this instance, Aeris could be a better option.

CAN I EXPECT A BETTER STAND BY USING AERIS?

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A Controlling early season insects and nematodes can reduce the impact of certain seedling diseases. Aeris provides protection from these pests and allows growers to choose an additional optional fungicide over-treatment to further enhance early season plant vigor. Aeris has the added benefit of protection against cutworms, which can reduce stands.

DOES BAYER CROPSCIENCE RECOMMEND ADDING A PREMIUM FUNGICIDE PACKAGE WITH AERIS?

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A Depending on planting date, crop rotation and field disease history, Bayer CropScience recommends using Trilex Advanced with Aeris.

WHEN SHOULD I USE AERIS? IS IT APPROPRIATE TO APPLY BOTH TEMIK AND AERIS?

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A Your Bayer CropScience field representative can help you design the appropriate management strategy that best meets your local production practices and pest management needs.