

# Newest Americot/NexGen Varieties Perform Well

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## LUBBOCK, TEXAS

Some of the defining characteristics of the newest NexGen cotton varieties from Americot were explained by Dr. Thomas Brooks, Americot plant breeder, recently. He discussed how they differ from NexGen 4388B2RF, an early- to mid-maturity cotton variety and told farmers how they can be a better fit in their fields.

“The 40 series (NexGen 4010B2RF, NexGen 4012B2RF, and NexGen 4111RF), tend to be more mid-maturing,” he said. “They have a waxy stem, and a smooth leaf. We’ve seen really

riety. It loads up quicker than the 40 series do.

“I just want to point out that sometimes, depending on the scenario on your farm, maybe that’s the characteristic you want more, but it just depends,” he said.

“When we look at fiber quality traits of NexGen 4010B2RF, the strength on this variety is outstanding. In Dr. Terry Wheeler’s trials last year on Verticillium Wilt tolerance, wherever these varieties were entered, they placed at the top of the tests on return per acre. So we were excited about that and we’re seeing good results again this year,” he added.

“The 40 series are a great fit where you have Verticillium Wilt pressure and you’re worried about its effects on your yield potential.”

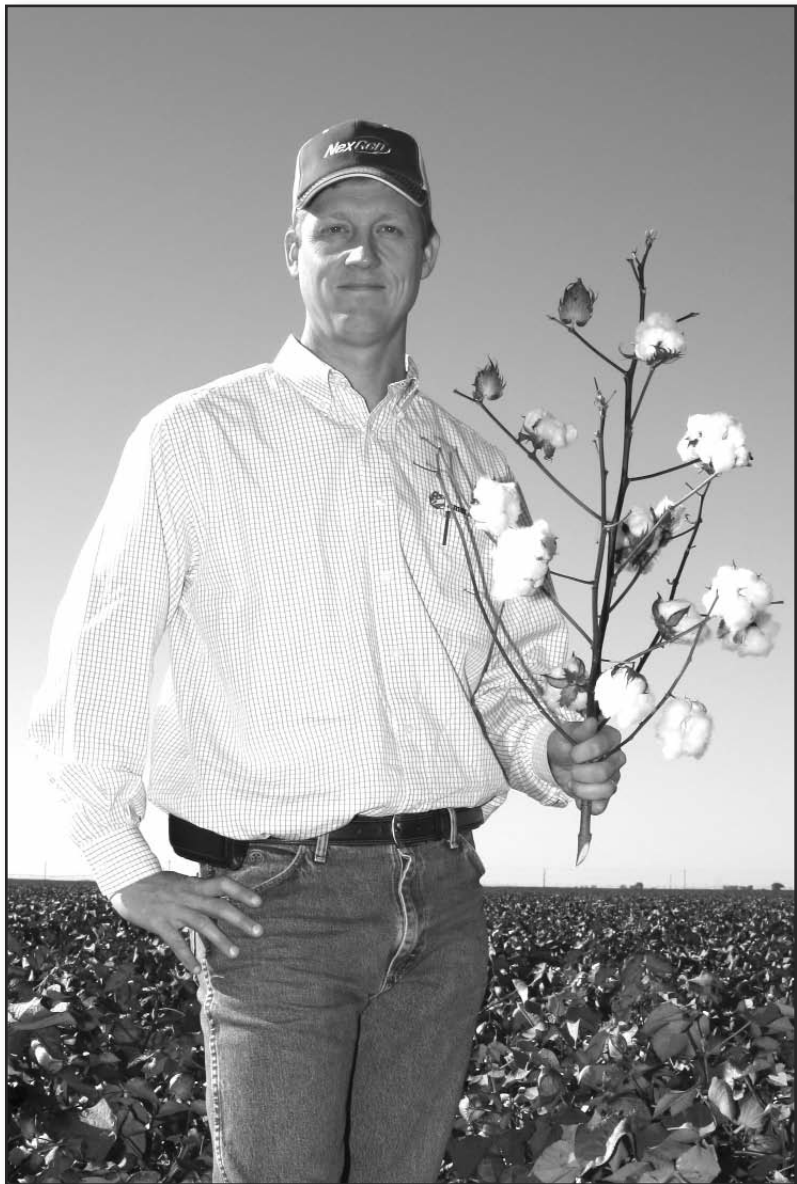
“To cite a difference between NexGen 4010B2RF and NexGen 4012B2RF, NG4012 is a little more indeterminate than NG4010,” he said. “NG4012 will generally develop one or two more nodes than 4010, and it will be a little bit taller with a longer internode length. In some fields you may not be able to tell much of a difference as in this field where the grower managed the growth really well; however, it tends to have a little more growing power. That may be more advantageous if you have limited water and expect some drought stress. They perform very similarly on Verticillium Wilt tolerance and fiber quality are top notch for these varieties.”

Brooks added that the company is really excited about these varieties.

“We think they’re a great fit for growers in West Texas and that once farmers see

**Some of the defining characteristics of the newest NexGen cotton varieties from Americot are explained by Dr. Thomas Brooks, Americot Plant Breeder.**

Photo by John LaRose, Jr.



good leaf grades in West Texas because of that.”

Probably the biggest difference between NexGen 4010B2RF, NexGen 4012B2RF, and NexGen 3348B2RF is the fruiting pattern on these plants. The NG4010/4012 series have a really high yield potential because of the fruiting pattern. It has the potential to put on a lot of fruiting positions.

“One thing you’ll see out here in this field are second and third position fruit on NG4010B2RF. This grower has done a great job of managing the growth on this plant; by keeping it from growing too much, he helped it mature earlier.”

Conversely, on NexGen 3348B2RF there’s typically just a ball of fruit right in the center of that plant, and that is characteristic of that va-

riety. what they can do they’ll want to try them too.”

His take-home message particularly for farmers in West Texas is that Verticillium Wilt tolerance and fiber quality are top notch for these varieties.

“Verticillium Wilt tolerance will improve your yield potential and consistency from year to year in fields where you have known problems,” he said. “NexGen 4010B2RF, NexGen 4012B2RF, and NexGen 4111RF are mid-maturity varieties adapted to West Texas that are tolerant to Verticillium Wilt, and deliver outstanding fiber quality in a high yielding package.”  $\Delta$

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