

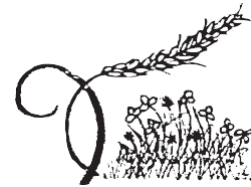


2024 SEED LIST

R.L. & Dillon Dalrymple

DALRYMPLE FARM

“The Crabgrass Seed Folks”



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2024 ‘Quick-N-Big™ Crabgrass’, ‘Quick-N-Big Spreader™ Crabgrass’, ‘Quick-N-Big Spreader 19^{PVP} Crabgrass’, ‘Dal’s Big River™ Crabgrass’, Seed Price List & Management Information (see below and on page 2).

<u>Seed Variety</u>	<u>Seed Price/Net lb. FOB Thomas, OK 73669</u>
<u>‘Quick-N-Big™ Crabgrass: Certified Class, Aged Seed</u>	<u>\$7.50</u>
<u>‘Quick-N-Big Spreader™ Crabgrass: Certified Class, Aged Seed</u>	<u>\$7.50</u>
<u>‘Quick-N-Big Spreader 19^{PVP} Crabgrass: Certified Class, Aged Seed</u>	<u>\$8.50</u>
<u>Dal’s Big River™ Crabgrass; Certified Class, Aged Seed</u>	<u>\$5.00</u>

DEALERS WELCOME (Dealer Discount Available)

PRICES SUBJECT TO CHANGE • YOU CAN PICK UP • WE CAN SHIP

‘Quick-N-Big™ Crabgrass’, ‘Quick-N-Big Spreader™ Crabgrass’, and ‘Dal’s Big River™ Crabgrass Are All Trademarked Proprietary Varieties of Dalrymple Farms. ‘Quick-N-Big Spreader 19^{PVP} Crabgrass is a Plant Variety Protected variety of Dalrymple Farm. That Information Is Provided On The Seed Bag, The Red Tag On The Seed Bag, And On This Seed List Information.

We can provide less seed than 25 lbs. as needed. “Aged” seed is seed that is over 1 year old, or 2 years or more than 2 years old, after harvest. “Aged” seed typically has very low or zero dormancy, and also more uniformity of germination and speed of germination is at upper level. When non-certified seed is available, it is less cost per pound. All seed is in 25 lb. poly bags unless less seed is requested.

“CRABGRASS VARIETIES AND FORAGE”

Sponsored by Chris Hicks, University of Tennessee, Smith County Extension

To View Video, Visit this Website: <https://youtu.be/AIa2gV7-nx8>

VARIETY CRABGRASS INFORMATION

This year of 2024 marks the 33rd year that Dalrymple Farm has provided improved forage crabgrass seed. We started providing forage crabgrass seed simply because of early family experience (Dad’s pasture), our research on the forage at Noble Foundation, Ardmore, OK, and because nobody else was doing it.

The greatest improvement of any crop or forage, is the first improvement! To explain, before these selected crabgrass varieties there was incredibly minimal use, almost none, of crabgrass as a “real forage crop”; essentially non known except Dad’s, i.e., Elmer Dalrymple. When I went to college and studied “forage agronomy”, even the open minded forage professors viewed natural crabgrass as a weed, and not pasture or hay. “Dad” was the “Father” of crabgrass forage use (1934 and after).

Dalrymple Farm, now has four very productive, BIG, forage crabgrass varieties: “Quick-N-Big™”, “Quick-N-Big Spreader™” and the final release, “Quick-N-Big Spreader 19^{PVP}”, and “Dal’s Big River™”. **“Quick-N-Big Spreader 19^{PVP}” was released in 2023.** All of these varieties (cultivars) has its own unique characteristics, but they are all BIG, upper level quick forage producers of high palatability, high quality, and good for grazing, hay and grass silage.

In brief summary, “Dal’s Big River™” is a highly productive and runner capable grass and exactly the same as true “Red River” released by Noble Foundation decades ago. That is not true with much “Red River” in the general seed trade. It can be “anything”.

Dalrymple Farm has three BIG crabgrass varieties with part of the name of each being “Quick-N-Big™”. That is due to these varieties, being “quick” to germinate, “quick” to grow and they get “BIG” with each capable of getting over 48 inches tall. But they should usually be used before that. All “Quick-N-Big™” crabgrass varieties sprout quicker than “Dal’s Big River™” and early growth is much faster, getting ready to graze or hay about two weeks sooner than “Dal’s Big River™”.

“Quick-N-Big™” crabgrass basically grows much like wheat does in the spring. It stools tremendously and is capable of making over 100 stems per plant, but it does not make runners or abundant decumbent stems. “Quick-N-Big Spreader™” Crabgrass is much like “Quick-N-Big™” Crabgrass except it has abundance decumbent (sloping) stems if there is space. That should give it more spread and protection from short grazing or mowing, and treading into the mud etc.



Quick-N-Big Spreader 19, 3 ft. tall at early hay stage.

“Quick-N-Big Spreader 19^{PVP}” Crabgrass came from the one best selection of the very productive “spreader” crabgrasses. It has the best basal “spreading” capability. These “spreader” types must also have room to spread. If the stand is “very thick” they cannot spread very much.

The research information below has been shown before, but it’s excellent information for crabgrass forage and is presented herein again. Among the better comparisons of beef cattle gains on Crabgrass, have come from a practicing cattleman. Stocker cattle grazing Bermuda grass (probably Midland variety) gained 1.0 lbs. ADG (average daily gain) whereas cattle grazing Crabgrass (probably 'Red River' Crabgrass variety) gained 1.75 lbs. ADG. Lots of head of cattle, and many years. Very good information! Beef calf gains were 75% better from Crabgrass pasture. A Tennessee cattleman reported an ADG from 'Red River' Crabgrass at 2.5 lbs., whereas ADG from summer fescue was 0.3 lbs.

During a period of 12 years of record keeping by this author, of stocker cattle pounds ADG at Noble Foundation, the following summaries are shown:

Pounds ADG on <u>poor to fair</u> (mature, drying, etc.) Crabgrass pasture:	<u>1.11</u>
Pounds ADG on <u>medium to good</u> Crabgrass pasture:	<u>1.86</u>
Pounds ADG on <u>excellent to lush</u> Crabgrass pasture:	<u>2.36</u>
(And with a high of <u>2.87 lbs. ADG summer longterm for the best gaining herd</u>)	

Technique of grazing is important too. A 75 day study of First and Second Grazers was demonstrated. The system is this, the herd managed for top pounds gain got the “first bite”, the best grass, and the best way to gorge on the pasture, and then the best gain. The Second Grazers, ate the leftovers, but still at minimum of 3inches tall up to 12-18 inches tall. With that all in mind:

<u>First Grazers:</u>	Had an ADG of <u>2.75 lbs. (Very good!)</u> (One steer named "Hero" had an ADG of <u>3.57 lbs.</u>) Initial Wt. of the herd: 361 lbs.
<u>Second Grazers:</u>	Had ADG of <u>0.77 lbs.</u> (These were 968 lbs./head bred heifers that had good pasture for growing heifers)

In all the years of recording beef cattle gains (or possible loss) on Crabgrass pasture at Noble Foundation (1974 to 2001), and elsewhere, there was never a negative gain observed.

DALRYMPLE FARM “BIG” CRABGRASS VARIETIES

R.L. and Dillon Dalrymple
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Dalrymple Farm is a diversified farm in Western Oklahoma, containing some true virgin Mixed Grass Prairie, Bermudagrass, Plains Old World Bluestem, Weeping Lovegrass, BIG crabgrass varieties for pasture and seed, and Wheat pasture for calves.

Dalrymple Farm is the major producer of BIG forage crabgrass varieties for top quality grazing and hay and haylage, good for all farm livestock, including cattle, horses, sheep, goats, and to a degree, grazing chickens, hogs, and other specialty grazers.

All of these following varieties are genetically capable of producing four to five tons, or more, of high-quality forage per year. Proper production management includes proper shallow tillage seedbed for planting and volunteer, proper nitrogen fertilizer, or legume mixtures. Proper planting date in Oklahoma, and other South Central US states is April through June.

The first improved crabgrass variety was released while R.L. was employed at Noble Foundation of Ardmore, Oklahoma. It was ‘Red River’ Crabgrass, and it was a Certified Seed by the Oklahoma Crop Improvement Association, but it was not protected otherwise. It soon became obvious that much inferior crabgrass was being harvested by others and sold as ‘Red River’ Crabgrass. That needed to be corrected and Dalrymple Farm corrected it.

Dalrymple Farm had a very pure, real ‘Red River’ Crabgrass stand. That source was used to repurify the variety and release it as ‘Dal’s Big River TM’ Crabgrass as a Trademark Protected and Certified Seed by the Oklahoma Crop Improvement Association (OCIA). This variety is very productive, compared to common crabgrass and is capable of producing 4 to 5 tons of forage under proper fertilization and management. It is a bit smaller stem, and a runner (stolon) crabgrass compared to the following varieties.

All of Dalrymple Farm big crabgrass varieties are Certified Seed by the Oklahoma Crop Improvement Association (OCIA), and are either Trademark (TM) or Plant Variety Protected (PVP) varieties. All of these qualifications, assure variety correctness and protection to stay pure as possible. They ARE NOT just any common crabgrass harvested and misnamed.

Continued research for bigger and better crabgrass by Dalrymple Farm continued through the years. This led to the release of ‘Quick-N-Big TM’ Crabgrass. It got its name because it germinates Quick, grows Quick and gets Big = (QNB). It stands erect and tall better than ‘Dal’s Big River TM’ Crabgrass without lodging. It can be near knee-high, when ‘Dal’s Big River TM’ Crabgrass is about ankle high. ‘Quick-N-Big TM’ Crabgrass stools profusely and can have 100 or more erect main stems or tillers per plant. Thus, it grows much like rye or wheat in the spring, and it does not have decumbent (slumping) stems or runners.

Continued research for BIG, 'Quick-N-BigTM' Crabgrass types led to the discovery and release of 'Quick-N-Big SpreaderTM' Crabgrass (QNBS). Total height and yield is much the same as 'Quick-N-BigTM' Crabgrass, but it has abundant slumping or decumbent stems. This helps it to tiller or stool and spread at the base. It does not have real runners. The decumbent characteristic helps protect it more from too short grazing or mowing, and treading in the mud, etc.

The final development of quick growing and BIG pasture and hay crabgrass is 'Quick-N-Big Spreader 19^{PVP}' Crabgrass (QNBS19). It was the best of 35 original spreader type crabgrass selections of this type and out of the original research seed sources. These are not common type crabgrasses. They are a different "critter."

The general look and yield of this variety is much like 'Quick-N-Big SpreaderTM' Crabgrass, but this variety has much more capability to spread by tillering and decumbent, or slumping stems. It also adds forage by branching on a stem much like a tree branch does. If there is space (elbow room), it can develop about 10 times the main spread of 'Quick-N-BigTM' Crabgrass, the original. In a really good stand, there is less need for this, but this is super characteristic.

Very important --- It is that decumbence and spreading stems that give the variety capability to better tolerate grazing and mowing, and especially if that is too short!

Grass variety and variety improvement are made one step at a time. Same as cattle breeding. When one variety is done, then the selector looks at all the factors, and ask themselves, "How could this be better?" Then the process starts again with the choices seen. We, at Dalrymple Farm, think we have done well with the crabgrass forage varieties, and we don't envision we can realistically do any more better. Who would have thought decades ago that "lonely crabgrass" could be a super forage? We have been working with crabgrass forage varietal development since 1974 at Noble Foundation and since 1983 at Dalrymple Farm. In and among a jillion other good things of a good life. R.L. here, has been the guardian in developing five biforage varieties of crabgrass, each with progressing improvement. "No brag, just fact!" as Walter Brennen from "The Guns of Will Sonnett" said. It's been a "fun run." We don't think we can do any better. Thanks to crabgrass forage growers for being part of it. Isn't agriculture fun?



Swathing 'Quick-N-Big SpreaderTM' Crabgrass, First cutting at three feet tall. Leaving good green leave stubble, good for regrowth.