

UNITED STATES DEPARTMENT OF AGRICULTURE

Farm Service Agency
Washington, DC 20250

Notice LP-1834

For: State and County Offices

Determining Eligibility and Yields for Grain Sorghum Varieties

Approved by: Acting Deputy Administrator, Farm Programs



1 Overview

**A
Background**

Inquiries have been received about the eligibility of certain categories of grain sorghum for loan and LDP's.

**B
Purpose**

This notice provides:

- guidance to State and County Offices for assigning yields for grain sorghum harvested as other than grain
- guidelines for assigning yields for varieties of grain sorghum that are **not normally** harvested as grain
- the grain sorghum varieties which are:
 - dual purpose, having a yield potential equal to 100 percent of hybrid varieties
 - dual purpose, having a yield potential equal to 80 percent of hybrid varieties
 - sterile varieties
 - photo-period sensitive varieties
 - ineligible varieties.

**C
Effective Date**

These changes are effective for the 2002 crop year.

Disposal Date	Distribution
January 1, 2003	State Offices; State Offices relay to County Offices

2 Assigning Yield Guidelines

A

General Guidelines

COC shall assign a yield that could have been expected had that actual crop been carried to harvest as grain. If the commodity is affected by any disaster, such as drought, hail, etc., the yield shall be adjusted to accurately reflect the actual yield if the crop had been allowed to be harvested as grain. For grain sorghum harvested as other than grain, obtain documentation from the producer as to the variety planted and harvested.

B

Grain Sorghum Categories Eligible for Loans and LDP's

The following categories will be used to determine eligibility of grain sorghum for loans and LDP's for 2002 and subsequent crop years.

- **Category I.** Non-Tannin Sorghum for grain or silage/hay **is eligible** regardless of parentage or grain yield.
 - **Category II.** Tannin Sorghum for grain or silage/hay **is eligible** regardless of parentage or grain yield, but if harvested for grain must be identity-preserved and reported.
 - **Category III.** Tannin Sorghum used for pasture **is not eligible** for LDP's or any programs.
-

C

Methods for Assigning the Yield

Use 1 of the following methods to assign yield if the variety of grain sorghum is eligible for loan or LDP.

- If the producer harvested some acreage of the crop on the farm for grain, and used the same management practices on all of the acreage, assign the yield based on the acreage harvested for grain.
- If no acreage of that crop was harvested for grain on the farm using the same management practices, assign a yield based on 3 similar farms.

Note: The yields assigned by COC shall not exceed the actual yield for farms in the area with similar management practices that harvested the crop and variety for grain.

3 Establishing Dual Purpose Grain Sorghum Yields

A

Dual Purpose

Dual purpose varieties of grain sorghum that have a yield potential equal to 100 percent of hybrid grain sorghum varieties are listed in Exhibit 1. Assign a yield of 100 percent of the grain yield using 1 of the methods in subparagraph 2 C.

Dual purpose varieties of grain sorghum that have a yield potential equal to 80 percent of hybrid grain sorghum varieties are listed in Exhibit 2. Assign a yield of 80 percent of the grain yield using 1 of the methods in subparagraph 2 C.

B

Sterile

Sterile varieties of grain sorghum are listed in Exhibit 3. The producer must provide documentation to COC that shows the crop was planted with a cross pollinator and that 90 percent or more of the plants could produce a grain that would be classified as grain sorghum using the Official United States Standards for Grain.

Assign a yield based on 80 percent of the yield determined by using 1 of the methods in subparagraph 2 C.

C

Photo-Period Sensitive

Photo-period sensitive varieties of grain sorghum are listed in Exhibit 4. Contact the State Office for assistance with establishing maximum eligible quantity if the crop was planted south of a line from El Paso to Abilene to Dallas (Interstate 20). Assign a yield based on 80 percent of the yield determined by using the silage factor.

For any photo-period sensitive variety planted north of the line, assign a yield of zero.

D

All Other Varieties

Ineligible grain sorghum varieties are listed in Exhibit 5.

4 Action

A

**State Office
Action**

State Offices shall:

- immediately publicize the contents of this notice to the maximum extent possible
- instruct County Offices to immediately notify producers of the contents of this notice using all available sources
- make determinations of dual purpose varieties eligible at the 80 percent level which are not included in Exhibit 2 based on information received from seed companies

Note: If more information is needed to make a determination, contact CSREES or universities, as applicable.

- inform County Offices within the State of the determinations about varieties that are:
 - eligible at the 80 percent level
 - sterile
 - photo-period sensitive
 - ineligible
- inform PSD of the determination for inclusion in a future notice.

B

**County Office
Action**

County Offices shall:

- review Exhibits 1 through 5 which list applicable varieties and make LDP eligibility determinations
- advise seed companies, that believe they have eligible varieties not listed in Exhibits 1 through 4, to contact the State Office and provide information about plant characteristics, and forage and grain yield potentials
- notify the State Office of any varieties not listed in this notice that may be sterile or photo-period sensitive.

Dual Purpose Grain Sorghum Varieties With 100 Percent Yield Potential

The dual-purpose grain sorghum varieties listed in the following table have yield potential equal to 100 percent of hybrid varieties.

AgriPro Seed, Inc. 320F 1020F Hi-Energy II	AVA Seeds AVA 7102 AVA 7103 AVA 7105 AVA 7110 AVA 7111	Cargill Hybrid Seeds, Inc. FS455 FS455B FS 466	Crosbyton Seed Company GW 8528 F BMR
Drussel Seed and Supply DSS Dividend BMR	Frontier Hybrids Silmaker 6000 Silmaker 7000	Garrison & Townsend BMR-100 BMR-101 Sile-ALL Silo-Milo Sweet T	Garst/Agripro Seed Garst 344 BMR 320 333 33SB
Golden Harvest J C Robinson Seed Si-Gro H-45 Si-Gro H-46	Hoegemeyer Hybrids 591F 602F	Hytest Seeds HT 110 BMR	Kaystar Seed Forari IV
Kelly Green Seeds, Inc Silamax BMR Silamaster	MMR Genetics MMR 304/24	Monsanto - DeKalb DKS59-09 FS-2 FS-22	NC+ Hybrids NC+965 Nutri-Choice Nutri-Choice II Nutri-Ton NC+ 8R18 NC+ Y 363
Novartis Seed Inc. KF 429 NK 300 HiKane II	Producers Hybrids Chaps Rodeo	Production Plus+ Silobuster SiloBuster S Silo+Plus BMR	Richardson Seed, Inc. Eversweet Silo 600D Silomaster Silo 700D Silomaster D Dairy Master BMR Sweet R
Seed Resource Fame	Sharp Brothers Seed Co. Canex BMR 208 Canex BMR 310 Canex 50/50	Star Seed, Inc Star Elite BMR	Triumph Seed Company, Inc Super Sile 20
Walter Moss Seed Co. Ltd. Millennium BMR	Warner Seeds Inc F103 2-Way F145 Husky 2-Way SRS 2-Way F-108 BMR		

Note: This list will be supplemented with additional varieties based upon field trials conducted by the National Grain Sorghum Producers Association.

Dual Purpose Grain Sorghum Varieties With 80 Percent Yield Potential

The dual purpose grain sorghum varieties listed in the following table have yield potential equal to 80 percent of hybrid varieties.

AgriBioTech, Inc. FS-555 BMR-100	Asgrow Seed Company Beefbuilder T Titan R Titan MS	AVA Seeds AVA 7109 FT	Cargill Hybrid Seeds, Inc. Mor-Cane II FB211
Casterline & Sons Seed, Inc. Duro	Coop Seed, Inc SSF-550 SSF630 SSF660	Crosbyton Seed Company GW 8228 BMR GW 9110F Silo N Feed	Delta and Pine Land Co. 102F
Fontanelle Hybrids F-310	Garst/Agripro Seed Garst NO348X Garst 335X RO 325 NO 348 BMR-X	Gayland Ward Seed Co., Inc Ensile Master	Giant Seed Company Razin Silage Razin Feed Classic Razin Kane GM Razin Kane
Golden Harvest J C Robinson Seed EX 47	Greenbush Seed & Supply Chop-N-Milo Hygrachop	Hawkeye Hybrids SS1740	Kelly Green Seeds, Inc 2-Way F-190 BMR
Midland Genetics Silo-Fill II Dual Sil	Monsanto - DeKalb FS-5 FS25E	Mycogen Plant Sciences T-E Milk-A-Lot T-E Silomaker Redtop Kandy T-E Milkmaker-T Greenchopper	Novartis Seeds Inc. Sucrosorgo 405 SS 405 SS 506
Ohlde-Midwest Seed Genetics 110D 111F 112F Daisy Su Evergreen Sugar Cane	Ottile Seed RO 219	Phillips Seed Farms, Inc Top Notch BMR	Pioneer Hi Bred International 819F 947 839F 838F 840F 931 841F 956 849F

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Dual Purpose Grain Sorghum Varieties With 80 Percent Potential Yield (Continued)

Rainbow Seeds FS-45	Richardson Seeds, Inc Bundle King II Bundle King IV Sugar Red Sugar King	Roth Seed Company Sugar Loaf Chopper Stopper	Seed Inc 101F
Seed Resource Inc FS-555 BMR-100	Sharp Bothers Seed Company Mixed Red	Star Seed, Inc Magnum LDP Magnum Ultra+BMR LDP	Valley Feed and Seed, Inc. Udder Buster Silo Max
Warner Seeds Inc Sweet Bee			
Miscellaneous Varieties/Company Unknown			
39-30-S Amber Atlas Coes Collier Colman Dairy D	Ellis Fremont Hegari Improved Orange Kansas Orange Kansas Sourless	Landsaver Leoti Red McLean Norkan Rancher Red Amber	Red Top Royal RS-301F Rox Orange RP 30F RP 40F RS 301
			Sil-X Sugar Drip Sumac Texas Ribbon Tracy Tricker
			Waconia Amber Waconia Orange White Amber White Ribbon Wiley X-SDR6

Sterile Grain Sorghum Varieties

The sterile grain sorghum varieties are listed in the following table.

AgriBioTech, Inc. Sug-R-Cane Brand Hybrid Forage Pik Nik II	AgriPro Seed, Inc. Hi-Ton II	AVA Seeds AVA 7108ST AVA 7109ST	Casterline & Sons Seeds Sucane
Coffey Forage Seed, Inc. MS 7469 MS 85 MS 7445 AML 74-2 MSCA 27469	Crosbyton Seed Company Mor Bane II GW 9430 F GW 9530 F Goldmaker	Frontier Hybrids Mucho Sweet	Garrison & Townsend Bale-All II Bale-All III
Golden Harvest J C Robinson Seed Si-Gro H-1	Greenbush Seed & Supply Sweetall Sterile	Hoegemeyer Hybrids 612 F 613 F	J.C. Robinson Seed Co. Inc. Si-Gro-H-1
Kelly Green Seeds, Inc Lucky Leaf	Moews Seed Co. Moews Chop 1	Monsanto - DeKalb Asgrow Titan MS	Mycogen Seeds T-E Goldmaker T-E Goldmaker II
NC+ Hybrids Nutri-Ton Nutri-Cane II NC 305 F	Novartis Seed Inc X 909-NK	Otilie Seed RO219A	Phillips Seed Farms Sweet Bale
Pioneer Hi Bred International 979	Production Plus+ Cane-Maker Cane-Maker II Sweet-N-Red Ultra+Cane BMR Red Top+Plus BMR	Roth Seed Company Rocky Top Cattle King	Seed Inc. Big Crop 101FS
Seed Resource Inc Sug-R-Cane Brand Hybrid Forage Pik Nik II Sweet-N-Tall	Sharp Brothers Seed Canex Canex II Canex BMR 702	Star Seed, Inc Magnum	Valley Feed and Seed, Inc Kane King
Warner Seed, Inc Sweet Bee Sterile Sweet Bee Sterile II	Miscellaneous Varieties/Company Unknown Crop Guard		

Photo-Period Sensitive Grain Sorghum Varieties

The photo-period sensitive grain sorghum varieties are listed in the following table.

AgriPro Seeds, Inc Graze & Bale +	Coffey Forage Seeds Inc. Maxi Gain Sugar Graze Ultra	Delta and Pine Land Co G-1990
Garrison & Townsend BMR301	Hyttest Seeds HT 311 BMR PPS	Novartis Seed Inc G 1990
Pioneer Hi Bred International P 811 F	Richardson Seeds, Inc Megagreen Pacesetter Pacesetter Plus	Seed Resource Inc Forage King BMR Green Graze Extra PS-210 BMR
Walter Moss Seed Co. Ltd 4 Evergreen Mega Green		

Ineligible Varieties

A
Grain Sorghum,
Category III
Varieties

AgriPro Seed Inc. Graze-N-Bale + Graze-N-Bale S Tastemaker III SS1000	Cargill Hybrid Seeds Sweet Sioux V SSB 311 SSB 320 HS35	Coffey Forage Seeds, Inc Sugar Queen Sugar Queen III Sugar ST Sugar Graze II Sugar Graze III Sugar Graze 2000 Sugar Graze 3000	Crosbyton Seed Company Graz-N-Gain 7616G BMR ST GW9110G Graz-N-Gain ST 2816 G BMR
Curtis & Curtis, Inc Wonder Graze	DeLange Seed Hi Gain II	Douglass W. King Co. Hay Day King 61 DR Sugar Sweet II Val-u-Graze	East Texas Seed Company Green Graze Planter's Pride
Frontier Hybrids Champ II Champ I Champ BMR	Garrison & Townsend Inc. Sugar Dan Graze All III BMR-201 Gainer Graze All	Garst/Agripro Seed 757	Golden Acres Genetics, LLC T-E Haygrazer T-E Haygrazer II T-E Evergreen FP-5
Golden Harvest J C Robinson Seed RE-GRO H-22B RE-GRO EX 33	Hoegemeyer Hybrids, Inc. 650S Sugar Dan	Johnson Genetics Hidan 36 Trudan 8 Millex 32 Trudan 10 Sardan 79	Johnston Seed Company Triple Treat Sweet Grazin
Kelly Green Seeds, Inc 4-S 4-XPS 4-S BMR 4-FPS 4-X Lucky Su 4-Most	Kirkland Seed Company Sweet Chow	Legends Seed LSS410 LSS 405	McCormick Seed Inc Honey Sweet
Midland Genetics Sweet Graz Super Sioux	Monsanto - DeKalb Asgrow Grazer N1 DeKalb SX6 E DeKalb SX DeKalb SX 15 DeKalb SX 17	NC+ Hybrids NC+ 800HS NC+ Sweetleaf II NC+ BMR 44S	Novartis Seeds, Inc Sordan 79 X999 Trudan 8 Trudan 10

Ineligible Varieties (Continued)

A

Grain Sorghum,
Category III
Varieties
(Continued)

Pioneer Hi Bred International 877F 855F	Production Plus Special Effort Go-Man-Go Sweet Sunny Sue Nutri + Plus BMR Dairymen's Dream Ster-M-Up Hi-n-Dri	Richardson Seeds, Inc. Honey Pasture Honey Graze BMR Tri Sweet Honey Graze IV Sweeter-n-Honey	Scott Seed Co. Premium Stock Preferred Stock Scott Grazer
Seed Inc. Big Crop Ribbon Grazer Big Crop Thrifty Grazer	Seed Resource Inc Super Su 22 S-222 Dine a Nite Sugar Beef Sugar Beef III Sugar Beef IV Sugar Beef V Xtra Sweet SS Forage King MS 202 BMR	 Green Grazer V Green Graze Supreme Cattle Grazer Att-A-Graze I Att-A-Graze II SS 200 BMR Green Pasture II S 333 Domor	Sharp Bros. Seed Company Grazex II Grazex II W Buffalo Brand Grazer BMR 737 Grazex BMR 727 Grazex BMR 16
Star Seed Inc Excel Nutri+Plus BMR	Terrall Seed, Inc. Terrall TV 357	Triumph Seed Company Inc. SSII Sooner Sweet Super Sweet 10 SuperSweet ST15	Valley Feed and Seed Inc. Sweet Chief X-tra
Walter Moss Seed Co., Inc. SU2 Century BMR	Warner Seed Inc Sucrosse S1 Sucrosse 3R Circle W Sucrosse 5R BMR Sooper Su Sucrosse 9RPS GTW-1 2 Way F199 PS 8493 8496 Sucrosse 2S Gro-N-graze		

Ineligible Varieties (Continued)

B**Sweet Sorghum**

The following are ineligible sweet sorghum for sugar purposes only:

- Barandes
 - Roma
 - Texas Ribbon
 - Texas Ribbon Cane
 - White Ribbon
 - Ramada
 - Rio
 - Smith (MN 1500)
 - Sugar Drip
 - Tracy
 - Wiley
 - Wray.
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