

2022 CAIP Investment Area Guidelines: FORAGE & GRAIN IMPROVEMENT



These guidelines represent one of 11 investment areas within the **County Agricultural Investment Program (CAIP)** to provide Kentucky agricultural producers cost-share assistance on practices that increase net farm income and opportunities to try new/innovative technologies or systems that improve farm efficiency and productivity.

Funded participants shall adhere to all local, state, and federal rules and regulations.

A. Forage, Pasture and Grain Production

Prerequisites:

- Only Certified, Plant Variety Protected (PVP) or Proprietary varieties will be acceptable for cost-share (see list of approved varieties).
In addition, these varieties should have documented performance in university trials such as those conducted by the UK College of Agriculture, Food & Environment. Other varieties will be considered with documentation of performance upon written request to UK through the County Extension Agent for Agriculture and Natural Resources.
- The variety must be specified on the receipt.
- **A soil test**, taken within the last 12 months, shall be conducted and recommendations followed prior to lime or seed application.
- **Clover:** If soil pH is below 5.0, then clover seeding should be delayed by six (6) months after lime application. **Alfalfa:** If soil pH is below 5.5, then seeding must be delayed by one year after limestone application.

Eligible Cost-share Items:

1. **Forage/Pasture Seed: Only varieties specified in the Seed List (Appendix A) are eligible.**
 - a. **Clover – red and white**
 - b. **Alfalfa**
 - c. **Summer Perennial Forages**
 - i. Bermuda grass
 - ii. Big Bluestem
 - iii. Eastern Gamma Grass
 - iv. Caucasian Bluestem
 - d. **Cool Season Forages**
 - i. Endophyte-free Fescue
 - ii. Kentucky Bluegrass
 - iii. Novel Endophyte Fescue
 - iv. Orchardgrass
 - v. Timothy
 - vi. Festulolium
 - e. **Other Crops for FORAGE and GRAZING purposes only**
 - i. Brassicas (i.e. turnips)
 - ii. Buckwheat
 - iii. Corn (less than 10 acres)
 - iv. Forage sorghum
 - v. Rye
 - vi. Ryegrass
 - vii. Oats
 - viii. Soybean (forage beans only)
 - ix. Wheat
2. Limestone based on a soil test taken within the past 12 months and prior to lime application for forage, pasture or grain production
3. Inoculants
4. Cost of soil sampling and/or analysis; hay testing, hay moisture tester
5. Specialized spraying equipment (not self-propelled), including weed wiper/wicker
6. Broadcaster seeder/spreader; seed hopper/tender
7. Custom Services: Seeding; Spraying for pasture/hayland weed suppression
8. **Rental** of no-till drill, pasture renovator, spray equipment, or any item listed in Section B.

9. Rental of land clearing equipment or custom land clearing services for agricultural purposes, *seeding is not required*
Note: Participants intending to use this cost-share item who also participate in USDA programs should contact FSA to ensure compliance with Highly Erodible Land and Wetland Conservation Compliance, which is required for USDA program compliance. FSA will forward requests to NRCS for evaluation.
10. Rotational Grazing Starter Kit: Includes solar charger, temporary ground rod, 4-1 inch fiberglass posts with pins, 100-ringtop posts, high conductivity polywire, voltmeter, grazing stick, electric fencing manual
11. Cost of participation in a master-level agricultural education program (e.g. Master Grazer, etc.)

Exclusions / Limitations:

- Soil test must be followed, but cost-share is not allowed on fertilizer or soil amendments, other than limestone.
- Only labor provided through a custom seeding service is eligible for reimbursement, labor for using rental equipment is not reimbursable.

B. Commodity Handling and Forage Equipment

Prerequisites:

- Commodity Handling & Forage Equipment recipients are required to retain ownership and maintenance of equipment for at least five years.
- Producers shall retain adequate insurance coverage to replace any and all equipment funded through this program. *Proof of insurance may be requested by the program administrator at the time of reimbursement or during a site visit.*

Eligible Cost-share Items*:

- | | |
|--|---|
| 1. Bale accumulators | 12. Hay tedder |
| 2. Bale kickers | 13. Hay unroller attachment |
| 3. Bale wrappers/Forage Baggers | 14. Mechanical bale loaders |
| 4. Baler retro-fitting for netting systems | 15. No-till drill |
| 5. Concrete/portable feed bunks | 16. Plastic supplies for bale/forage wrappers/baggers |
| 6. Elevators and Augers | 17. Roller-crimper |
| 7. Front end loader and/or attachments | 18. Scales / scale kit for grain cart (retro-fitting) |
| 8. Hay applicator systems | 19. Scissor lift |
| 9. Hay forks/spears | 20. Silage bags |
| 10. Hay rake | |
| 11. Hay rings | |

**Cost-share is also available for rental of any equipment listed in Section B.*

Exclusions:

- Self-propelled vehicles/equipment are not eligible for cost-share, including but not limited to tractors, trucks, all-terrain vehicles, skid steers, etc.
- Any type of mowing equipment is not eligible for cost-share, including but not limited to bush hogs, hay mowers, discbines, haybines, mower-conditioner, etc.

Appendix A: Seed Varieties

(Updated as necessary)

Varieties of approved species (see A. 1.) are updated by UK Agronomy as requested or new varieties are shown to meet UK's performance standards.

For the most up-to-date list of seed varieties eligible for use with this program visit

<https://www.kyagr.com/agpolicy/Kentucky-Agricultural-Development-Fund-Applicants.html> :

Note: Consideration should be given to applicable seeding dates as referenced in AGR-18 "Grain and Forage Crop Guide for Kentucky" <http://www2.ca.uky.edu/agcomm/pubs/AGR/AGR18/AGR18.pdf>

Legumes & Warm Season Grasses*

The following are acceptable for use under the provisions of the Kentucky Agricultural Development Fund Forage & Grain Improvement Investment Area, as implemented by individual counties.

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329	Crystal	Grazeking	Reward II
425 RR	Demand	Gunner	RR 425
428 RR	Depend+EV	Harvestar 812HY	RR AphaTron 2XT
438 RR	DG417RR	HVX MegaTron	RR Tonnica
54V46	DG 4210	HybriForce-400	RR VanMoose
55VR08 RR	DK 127	Imperial	RushmoreSpredor 3
A5225	DK 131HG	Kingfisher 222	SS RR 425
Abilene+Z	DK 133	Kingfisher Excelerator	Seedway 9558
ABT 205	DK 140	L 311	Spredor 4
ABT 350	DK 141	L 333HD	Stampede
ABT 400SCL	Dominator	L 411HD	Supercuts
ABT 405	Emperor	L 447HD	TMF Generation
Affinity+Z	Enforcer	L-450RR	TMF4464
Aggressor	Evergreen	LH3	Triple Crown
Alfagraze	Evermore	LegenDairy AA	Triple Trust 450
Amerigraze 401+Z	Excalibur II	LegenDairy XHD	Triple Trust 500
Ameriguard 302+Z	Expedition	MagnaGraze	Viking
Ameristand 403T	FK421	Magnum V	Wintergold
Ameristand 404LHL	Feast +EV	Magnum V - Wet	Wintergreen
Ameristand 407TQ	Fierce	MultiQueen	Withstand
Ameristand 427TQ	Forecast 1001	Oneida Ultra	WL326GZ
Ameristand 455TQ RR	Forecast 3001	Pegasus	WL343HQ
Ameristand 457TQ RR	Foregrazer V	PGI 447RR	WL345 LH
Ameristand 481 HVXRR	Fortress	Phoenix	WL347LH
Apollo Supreme	FP521	Pioneer Brand 53v63	WL348AP
Armour RR	FSG 408DP	Pioneer Brand 5347LH	WL353LH
Arrest	FSG 505	Pioneer Brand 5454	WL355RR
Attention w/StandFast™	GA-535	Pioneer Brand 53H81	WL357HQ
Attention II	Garst 630	Pioneer Brand 53Q60	WL358LH
w/StandFast™	Garst 6417	Pioneer Brand 54H69	WL359HQ.RR
Caliber	Garst 645	Pioneer Brand 54V54	WL363HQ
Choice	Garst 645-II	Pioneer Brand 55V48	WL365HQ
Clean Sweep 100	Geneva	Radiant-AM	WL372HQ.RR
Contender	Gem	Rebound 6XT	
CPS 950	Goldrush	Rebound AA	

Legumes & Warm Season Grasses* (cont.)

Bermudagrass

Hardie
Tifton 44
Quicksand
Vaughn
Wrangler

Big Bluestem

Pawnee
Kaw
Rountree
Niagara
Ecotypes native to
Kentucky are
acceptable

Eastern Gamagrass

Pete
Iuka
PMK24
Ecotypes native to
Kentucky are
acceptable

Switchgrass

Cave-in-rock
Kanlow

Indiangrass

Rumsey

Old World Bluestem

Caucasian

Red Clover

9601
Acclaim
Arlington
Atlas
Belle
Cardinal
Cinnamon
Cinnamon Plus
Cyclone
Dominion
Duration
FK 345
FP 345
FSG 401RC
FSG 402
FSG 9601
Freedom!
Freedom!MR
GA-9908
Gallant
Greenstar
Juliet
Kenland (Certified)
Kenstar
Kenway
LS 9703
Marathon
PGI 33
Plus
Prima
Ram
Red Baron
Red Gold Plus
Red Gold II
Redland Graze
RedStart
Renegade
Robust
Rocket
Royal Red
Solid
Solid Red
SS-0303RCG
Starfire
StarFire II
Triple Trust 350
ZR0004R

Ladino

Advantage
Alice
Barblanca
California
Colt Ladino
Crescendo Ladino
Durana
Jumbo
Kopu II
Osceola
Patriot
Pinnacle
Rampart
Regal
RegalGraze
Renovation
Seminole
SS190
Tillman II
Will

Lespedeza

AU Grazer
Kobe
Korean
Striate

Cool Season Grasses *

The following are acceptable for use under the provisions of the Kentucky Agricultural Development Fund Forage & Grain Improvement Investment Area as implemented by individual counties.

Endophyte Free

Fescue
BarElite
Barolex
Bariane
Bull
Bronson
Cajun II
Cattle Club
Dominate
Festival
FSG 402TF
Hymark
Kora
KY-32
Maximize
Ranchero tall fescue

Select
SS-0705TFSL
Stockman
Tuscany II

Festulolium

Barfest
Felina
Hykor
Mahulena
Spring Green

Kentucky bluegrass

Adam I
Bardberby
Filly
Ginger
Lato
Kenblue
Park
Platini
Slenzanka

Novel Endophyte

Fescue
Baroptima PLUS E34
Estancia ArkShield
Jesup MaxQ
Kora Protek
Lacefield MaxQ II
Martin2 Protek
Texoma MaxQ II
Tower Protek

Orchardgrass

Amba
Ambrosia
Athos
Baridana
Baraula
Barlegro
Benchmark
Benchmark Plus
Boone, Certified Only
Bounty II (experimental
OG0707)
Bronc
Century
Command
Condor
Crown
Crown Royale
Endurance
Extend
FSG 506OG
Hallmark
Harvestar
Haymate
Icon
Intensiv
Mammoth
Megabite
Niva
Persist
Potomac, Certified Only
Prairie
Profile
Progress
Profit
Quickdraw
Renegade
Seco
Shiloh
Spanish Red
Sparta
SS-0708OGDT
Stampede
Summer Green
Survivor
Takena
Tekapo
Udder
Warrior

Timothy

Aurora
Barfleo
Barpenta
Clair, Certified Only
Classic
Climax
Colt
Conquest
Derby
Dolina
Express
Express II
Hokusei
Joliette
KY-Early
Richmond
Summit
Talon
Tenho
Toro
Tundra
Treasure
Zenyatta

Other Crops *

A list of approved varieties may be added to this seed list if deemed necessary by UK College of Agriculture, Food & Environment and KOAP staff.