

# 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.

### ALFALFA

329	Depend+EV	Harvestar 812HY	RR AphaTron 2XT
425 RR	DG417RR	HVX MegaTron	RR Tonnica
428 RR	DG 4210	HybriForce-400	RR VanMoose
438 RR	DK 127	Imperial	RushmoreSpredor 3
54V46	DK 131HG	Kingfisher 222	SS RR 425
55VR08 RR	DK 133	Kingfisher Excelerator	Seedway 9558
A5225	DK 140	L 311	Spredor 4
Abilene+Z	DK 141	L 333HD	Stampede
ABT 205	Dominator	L 411HD	Supercuts
ABT 350	Emperor	L 447HD	TMF Generation
ABT 400SCL	Enforcer	L-450RR	TMF4464
ABT 405	Evergreen	LH3	Triple Crown
Affinity+Z	Evermore	LegenDairy AA	Triple Trust 450
Aggressor	Excalibur II	LegenDairy XHD	Triple Trust 500
Alfagraze	Expedition	MagnaGraze	Viking
Amerigraze 401+Z	FK421	Magnum V	Wintergold
Ameriguard 302+Z	Feast +EV	Magnum V - Wet	Wintergreen
Ameristand 403T	Fierce	MultiQueen	Withstand
Ameristand 404LHL	Forecast 1001	Oneida Ultra	WL326GZ
Ameristand 407TQ	Forecast 3001	Pegasus	WL343HQ
Ameristand 427TQ	Foregrazer V	PGI 447RR	WL345 LH
Ameristand 455TQ RR	Fortress	Phoenix	WL347LH
Ameristand 457TQ RR	FP521	Pioneer Brand 53v63	WL348AP
Apollo Supreme	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	
Crystal	Grazeking	Reward II	
Demand	Gunner	RR 425	

## 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 Farmland Improvement Investment Area (formerly Model Forage Improvement & Utilization Program) 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  
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 \*

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Specific varieties acceptable for use under the provisions of the Kentucky Agricultural Development Fund Farmland Improvement Investment Area (formerly Model Forage Improvement & Utilization Program) as implemented by individual counties, are at the discretion of the County Agricultural & Natural Resources Extension Agent (or other agent if no ANR agent exists).

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