



DIGESTIBLE ENERGY

KingFisher®

Corn Guide 2018





Farmers Helping Farmers
That's the KingFisher® commitment.

The KingFisher® Commitment

For more than two decades, our families at Byron Seeds and King's AgriSeeds have worked closely with farming systems that work with nature. We believe in keeping the land fertile and crops flourishing with strong crop rotation, cover crops and double cropping. With our understanding of agronomic principles and with further experimentation, yield, soil health, beneficial insects including pollinators, and water quality can always be enhanced. KingFisher® has always been, and will always be, non-GMO.

At Byron and King's AgriSeeds, we have continued to share what we know ... **farmers helping farmers**. That's the KingFisher® commitment.

The KingFisher® Partnership

Byron Seeds and King's AgriSeeds, two of the major premium forage companies in the industry, are now combining efforts to share research, varieties, crop management strategies, and worldwide seed-sourcing so that we can provide the best opportunities and benefits to the livestock farming industry. It seems only natural that the two industry leaders who share similar values and history should work together to expand and extend our shared vision and basic business model.

KingFisher® is poised to be the leader of premium livestock and cover crop seed in the industry. The KingFisher® brand is owned and managed by committed agriculturists, supported by a web of over 400 dealers networking, sharing, and learning from each other to raise the bar for livestock agriculture and cover-cropping. Our ultimate goal is to improve the level of sustainability and productivity of our agricultural community.

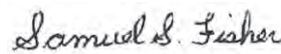
The KingFisher® Corn Program

We are eager to share the exciting ideas and plans we have for our new KingFisher® Corn Program. Our corn hybrids are developed intentionally with non-GMO genetics. We'll have ten KingFisher® corn varieties available in limited supply in 2018 and we are testing many more for future releases. All are selected with an emphasis on high energy and digestibility without sacrificing yield. And all are available exclusively through Byron Seeds and King's AgriSeeds dealers under the KingFisher® premium brand.

Now It's Your Turn

We need farmer feedback. You can play an important part in assessing varieties and helping us advance new hybrids. Your input is important to us and we hope that, through your involvement with the KingFisher® brand, your experience will be enriched as well.

Farmers helping farmers ... our shared KingFisher® commitment!



Samuel Fisher
Founder and CEO
Byron Seeds



Tim Fritz
President and CEO
King's AgriSeeds



Conventional & Organic

KF 35C10

Conventional

85 Day RM

Big plant, high yielding, good stay green, dual-purpose grain or silage hybrid, good corn-on-corn option

- Excellent in Medium Soils
- Great High Population Tolerance
- Great Seedling Vigor
- Great Drought Tolerance

Recommended Pop 30-34K
 Good stay green for wide harvest window
 Workhorse suited for most rotations
 Good for continuous corn rotation

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | 7 | Goss's Wilt Tolerance..... | 5 |
| Cob Color | Pink | FiberGest Rating | 7 |
| Stalk..... | 8 | SofStarch Rating | 7 |
| Root | 8 | Milk per Ton | 8 |
| Stay Green | 6 | Milk per Acre | 8 |
| Dry Down..... | 7 | | |

KF 42C20

Organic

92 Day RM

High yield with flex ears and impressive grain quality, outstanding silage hybrid for quantity and quality

- Excellent Seedling Vigor
- Excellent Ear Flex
- Great Milk per Ton
- Excellent Drought Tolerance
- Excellent Milk per Acre

Recommended Pop 26-30K
 High yielding grain potential
 Best performance when kept in maturity zone
 Good agronomics

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 9 | Test Weight | 7 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 7 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 5 |
| Cob Color | Pink | FiberGest Rating | 8 |
| Stalk..... | 7 | SofStarch Rating | 7 |
| Root | 7 | Milk per Ton | 8 |
| Stay Green | 7 | Milk per Acre..... | 8 |
| Dry Down..... | 7 | | |

KF 43C40

Conventional

93 Day RM

Very high yielding grain potential, showy canopy closes quickly, dual-purpose grain or silage plant, flex ears, good corn-on-corn option

- Excellent Northern Leaf Blight Tolerance
- Great FiberGest Rating
- Great SofStarch Rating
- Great Milk per Acre

Recommended Pop 28-32K
 First rate agronomic and disease package
 Quick canopy closer
 Excellent heat and drought tolerance
 Dual-purpose silage and grain

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium | Northern Leaf Blight Tolerance ... | 9 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 7 |
| Cob Color | Pink | FiberGest Rating | 8 |
| Stalk..... | 7 | SofStarch Rating | 8 |
| Root | 7 | Milk per Ton | 8 |
| Stay Green | 6 | Milk per Acre..... | 8 |
| Dry Down..... | 7 | | |

KF 49C60

Conventional

99 Day RM

Medium to higher placed flex ears, showy healthy plant, strong adaptation west to east

- Great Drought Tolerance
- Very Good FiberGest Rating
- Great SofStarch Rating
- Great Milk per Acre

Recommended Pop 26-30K
 Excellent seed emergence and vigor
 Consistent yield with top end potential
 Excellent eye appeal

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight | 7 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium | Northern Leaf Blight Tolerance ... | 6 |
| Ear Flex..... | 7 | Goss's Wilt Tolerance..... | 6 |
| Cob Color | Lt. Red | FiberGest Rating | 7 |
| Stalk..... | 7 | SofStarch Rating | 8 |
| Root | 7 | Milk per Ton | 8 |
| Stay Green | 5 | Milk per Acre..... | 8 |
| Dry Down..... | 7 | | |

Conventional & Organic

KF 52C20

Conventional 102 Day RM

High yielding potential, good stay green, very heat and stress tolerant, dual-purpose grain or silage hybrid, big plant, white cob with medium low flex ears

- Excellent SofStarch Rating
- Excellent Milk per Ton
- Excellent FiberGest Rating
- Excellent Milk per Acre

Recommended Pop 26-30K
Strong agronomics and stay green

| | | | |
|---------------------|--------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 6 |
| Plant Height..... | Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium | Northern Leaf Blight Tolerance ... | 8 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 7 |
| Cob Color..... | White | FiberGest Rating..... | 9 |
| Stalk..... | 8 | SofStarch Rating..... | 9 |
| Root..... | 9 | Milk per Ton..... | 9 |
| Stay Green..... | 8 | Milk per Acre..... | 9 |
| Dry Down..... | 7 | | |

KF 52C60

Organic 102 Day RM

Full flex, wide leaves for quick canopy, very good stalk and roots, best in a legume rotation

- Excellent SofStarch Rating
- Great Milk per Acre
- Excellent Hand Husking
- Excellent Drought Tolerance

Recommended Pop 26-30K
Very good stalks and roots
Wide thick leaves – Fast canopy
Great FiberGest & SofStarch Rating
Keep on better soils – better management

| | | | |
|---------------------|------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 4 |
| Plant Height..... | Medium | Gray Leaf Spot Tolerance..... | 7 |
| Ear Height..... | Medium Low | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 6 |
| Cob Color..... | White | FiberGest Rating..... | 8 |
| Stalk..... | 8 | SofStarch Rating..... | 9 |
| Root..... | 8 | Milk per Ton..... | 8 |
| Stay Green..... | 6 | Milk per Acre..... | 7 |
| Dry Down..... | 7 | | |

KF 53C60

Conventional 103 Day RM

Multi year outstanding nutritional and milk per acre ratings, strong standability, excellent silage producer, good stay green, grows well across mult. regions

- Excellent FiberGest Rating
- Excellent Milk per Ton
- Great Sofstarch Rating
- Excellent Milk per Acre

Recommended Pop 28-32K
Excellent Milk per ton/acre
Good regional movement across regions and soils
Medium Tall plant

| | | | |
|---------------------|--------|---|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height..... | Medium | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium | Northern Corn Leaf Blight Tolerance..... | 8 |
| Ear Flex..... | 7 | Goss's Wilt Tolerance..... | 7 |
| Cob Color..... | Pink | NDFD 30 hr. FiberGest..... | 9 |
| Stalk..... | 9 | IVSD 7 Sofstarch..... | 8 |
| Root..... | 9 | Milk per Ton..... | 9 |
| Stay Green..... | 8 | Milk per Acre..... | 9 |
| Dry Down..... | 7 | | |

KF 55C20

Conventional 105 Day RM

Exceptional stay green and late-season intactness, large girthy ears with deep kernels, excellent fall eye appeal

- Great Goss's Wilt Tolerance
- Great High Population Tolerance
- Excellent Continuous Corn
- Excellent Milk per Acre

Recommended Pop 26-30K
Very good test weight and dry down
Excellent fall appearance and eye appeal
Impressive stalk and root strength

| | | | |
|---------------------|-------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height..... | Medium Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium | Northern Leaf Blight Tolerance ... | 8 |
| Ear Flex..... | 8 | Goss's Wilt Tolerance..... | 8 |
| Cob Color..... | Red | FiberGest Rating..... | 7 |
| Stalk..... | 8 | SofStarch Rating..... | 7 |
| Root..... | 8 | Milk per Ton..... | 8 |
| Stay Green..... | 8 | Milk per Acre..... | 9 |
| Dry Down..... | 7 | | |

Conventional & Organic

KF 56C30

Organic

106 Day RM

Excellent emergence, great seedling vigor, very good disease package, stress and drought tolerant, semi flex ears

- Great Drought Tolerance
- Excellent Root Rating
- Excellent Stalk Rating
- Great Milk per Acre

Recommended Pop 30-34K

Excellent emergence and great seedling vigor
Selected for wide range management practices
Very good disease package and solid agronomics
Good dual purpose, leans more toward grain

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 6 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | 7 | Goss's Wilt Tolerance..... | 7 |
| Cob Color | Pink | FiberGest Rating | 7 |
| Stalk..... | 9 | SofStarch Rating | 7 |
| Root | 9 | Milk per Ton | 7 |
| Stay Green | 8 | Milk per Acre | 8 |
| Dry Down..... | 6 | | |

KF 58C80

Conventional

108 Day RM

Quick canopy closer, strong stalks and roots with flexible ears, stress tolerant, very good overall plant health

- Excellent Fungicide Response
- Great SofStarch Rating
- Great FiberGest Rating
- Great Milk per Ton

Recommended Pop 26-30K

Marginal to better soils
Quick canopy closer
Excellent emergence and seedling vigor
Good stress tolerance

| | | | |
|---------------------|--------|------------------------------------|---|
| Seedling Vigor..... | 9 | Test Weight..... | 5 |
| Plant Height | Tall | Gray Leaf Spot Tolerance..... | 6 |
| Ear Height..... | Medium | Northern Leaf Blight Tolerance ... | 6 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 5 |
| Cob Color | Pink | FiberGest Rating | 8 |
| Stalk..... | 6 | SofStarch Rating | 8 |
| Root | 5 | Milk per Ton | 8 |
| Stay Green | 7 | Milk per Acre | 8 |
| Dry Down..... | 6 | | |

KF 61C40

Conventional/ Organic

111 Day RM

Strong standability and stay green, moderate ear placement, natural corn borer tolerance, excellent Goss's Wilt tolerance

- Excellent Continuous Corn
- Excellent Milk per Ton
- Excellent Goss's Wilt Tolerance
- Excellent Milk per Acre

Recommended Pop 30-34K

Excellent tolerance GLS, NCLB, GW
Great choice for marginal soil
Very good natural corn borer tolerance
Excellent late season plant health

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance ... | 8 |
| Ear Flex..... | 7 | Goss's Wilt Tolerance..... | 9 |
| Cob Color | Red | FiberGest Rating | 8 |
| Stalk..... | 8 | SofStarch Rating | 8 |
| Root | 7 | Milk per Ton | 9 |
| Stay Green | 9 | Milk per Acre..... | 9 |
| Dry Down..... | 6 | | |

KF 63C10

Conventional

113 Day RM

High silage producer, both quantity and quality, good ear length and flex, deep kernels, excellent disease package (Goss's and GLS), drought and heat tolerant

- Great FiberGest Rating
- Excellent Milk per Acre
- Excellent Milk per Ton

Recommended Pop 26-30K

Versatile hybrid that covers all soil types
Proven silage hybrid with very good quality
Wide harvest window
Excellent disease package

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 9 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 9 |
| Cob Color | Pink | FiberGest Rating | 8 |
| Stalk..... | 8 | SofStarch Rating | 8 |
| Root | 8 | Milk per Ton | 9 |
| Stay Green | 7 | Milk per Acre | 9 |
| Dry Down..... | 7 | | |

Conventional & Specialty Hybrids

KF 67C20

Conventional

117 Day RM

Consistent high yields, excellent agronomics, excellent disease ratings, broadly adapted regions

- Excellent Ear Flex
- Great FiberGest Rating
- Great Stalk Rating
- Excellent Milk per Acre

Recommended Pop 28-32K

Consistent high yields across the Midwest and South
Broadly adapted with outstanding agronomics
Great FiberGest, very good SofStarch results
Very good dual-purpose hybrid

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 8 |
| Plant Height | Medium - Tall | Gray Leaf Spot Tolerance..... | 8 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance.... | 8 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 7 |
| Cob Color | Lt. Red | FiberGest Rating | 8 |
| Stalk | 8 | SofStarch Rating | 7 |
| Root | 7 | Milk per Ton | 8 |
| Stay Green | 8 | Milk per Acre..... | 9 |
| Dry Down..... | 7 | | |

KF 56H91

High Oil

106 Day RM

A medium height plant with flex ears, should be used in a sidekick program mixed 25-30% with conventional corn

- Great Ear Flex
- Great Test Weight
- Very Good Seedling Vigor

Recommended Pop 26-30K

HOC - Sidekick
Good movement across regions and soils
Good grain yield potential
Good management required

| | | | |
|---------------------|--------|------------------------------------|---|
| Seedling Vigor..... | 7 | Test Weight..... | 8 |
| Plant Height | Medium | Gray Leaf Spot Tolerance..... | 6 |
| Ear Height..... | Medium | Northern Leaf Blight Tolerance ... | 6 |
| Ear Flex..... | 8 | Goss's Wilt Tolerance..... | 6 |
| Cob Color | Pink | FiberGest Rating | 7 |
| Stalk | 7 | SofStarch Rating | 6 |
| Root | 7 | Milk per Ton | 7 |
| Stay Green | 7 | Milk per Acre..... | 7 |
| Dry Down..... | 7 | | |

KF 58H82

High Oil

108 Day RM

A tall plant with great flex and eye appeal. Use on better soils for silage

- Excellent Ear Flex
- Great Milk per Ton
- Great Stalk Rating
- Great Milk per Acre

Recommended Pop 26-30K

Value Plus - Leafy
Good regional movement across regions and soils
Improved starch digestibility
Silage specific

| | | | |
|---------------------|---------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | 7 |
| Plant Height | Tall | Gray Leaf Spot Tolerance..... | 7 |
| Ear Height..... | Medium - High | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | 9 | Goss's Wilt Tolerance..... | 7 |
| Cob Color | Pink | FiberGest Rating | 7 |
| Stalk | 8 | SofStarch Rating | 7 |
| Root | 7 | Milk per Ton | 8 |
| Stay Green | 7 | Milk per Acre..... | 8 |
| Dry Down..... | 7 | | |

KF 59S30

Male Sterile

109 Day RM

A male sterile hybrid ideal for farms that are in niche markets that do not want grain in the diet. Appropriate for silage and grazing. The corn crop will be very high in sugar as grain is not formed. The plant will also have a red color as sugar increases over time.
Note: Isolation from standard corn is recommended.

- Excellent Gray Leaf Spot Tolerance
- Great FiberGest Rating
- Excellent Goss's Wilt Tolerance

Recommended Pop 26-32K

Versatile hybrid that covers all soil types
Wide harvest window
Excellent disease package

| | | | |
|---------------------|-------------|------------------------------------|---|
| Seedling Vigor..... | 8 | Test Weight..... | - |
| Plant Height | Medium Tall | Gray Leaf Spot Tolerance..... | 9 |
| Ear Height..... | - | Northern Leaf Blight Tolerance ... | 7 |
| Ear Flex..... | - | Goss's Wilt Tolerance..... | 9 |
| Cob Color | - | FiberGest Rating | 8 |
| Stalk | 8 | SofStarch Rating | - |
| Root | 8 | Milk per Ton | 7 |
| Stay Green | 8 | Milk per Acre..... | 7 |
| Dry Down..... | - | | |

Rating chart: 1 = Poor | 2-3 = Fair | 4-5 = Good | 6-7 = Very Good | 8 = Great | 9-10 = Excellent

| Hybrid | RM | Organic (OR) Conventional (CV) High Oil (HO) | Heavy Soils (Poor Drainage) | Medium Soils | Light Soils (Low CEC) | Seedling Vigor | Plant Height | Ear Height | Ear Flex | Cob Color |
|--------|-----|--|-----------------------------------|-----------------|--------------------------------|-------------------|-----------------|------------|----------|-----------|
| 35C10 | 85 | CV | 8 | 9 | 7 | 8 | MT | MH | 7 | PINK |
| 42C20 | 92 | OR | 9 | 9 | 8 | 9 | MT | MH | 9 | PINK |
| 43C40 | 93 | CV | 9 | 8 | 5 | 8 | MT | M | 9 | PINK |
| 49C60 | 99 | CV | 8 | 8 | 7 | 8 | MT | M | 7 | LT. RED |
| 52C20 | 102 | CV | 8 | 8 | 8 | 8 | T | M | 9 | WHITE |
| 52C60 | 102 | OR | 8 | 8 | 7 | 8 | M | ML | 9 | WHITE |
| 53C60 | 103 | CV | 9 | 8 | 8 | 8 | M | M | 7 | PINK |
| 55C20 | 105 | CV | 9 | 9 | 8 | 8 | MT | M | 8 | RED |
| 56C30 | 106 | OR | 8 | 9 | 8 | 8 | MT | MH | 7 | PINK |
| 56H91 | 106 | HO | 6 | 7 | 8 | 7 | M | M | 8 | PINK |
| 58H82 | 108 | HO, OR | 7 | 8 | 6 | 8 | T | MH | 9 | PINK |
| 58C60 | 108 | OR | 9 | 9 | 8 | 9 | MT | MH | 8 | RED |
| 58C80 | 108 | CV | 8 | 9 | 5 | 9 | T | M | 9 | PINK |
| 59S30 | 109 | CV | 8 | 9 | 9 | 8 | MT | - | - | - |
| 61C40 | 111 | CV, OR | 8 | 9 | 8 | 8 | MT | MH | 7 | RED |
| 63C10 | 113 | CV | 8 | 9 | 9 | 8 | MT | MH | 9 | PINK |
| 67C20 | 117 | CV | 8 | 9 | 8 | 8 | MT | MH | 9 | LT. RED |

M = Medium | MT = Medium - Tall | MH = Medium - High | T = Tall

| Stalk Rating | Root Rating | Stay Green | Drought Tolerance | Gray Leaf Spot Tolerance | Northern Leaf Blight Tolerance | Goss's Wilt Tolerance | Common Rust | Fungicide Response | NDFd 30hr (FiberGest) | IVSD 7 (SofStarch) |
|--------------|-------------|------------|-------------------|--------------------------|--------------------------------|-----------------------|-------------|--------------------|-----------------------|--------------------|
| 8 | 8 | 6 | 8 | 8 | 7 | 5 | 7 | 8 | 7 | 7 |
| 7 | 7 | 7 | 9 | 7 | 7 | 5 | 7 | 8 | 8 | 7 |
| 7 | 7 | 6 | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 |
| 7 | 7 | 5 | 8 | 8 | 6 | 6 | 7 | 8 | 7 | 8 |
| 8 | 9 | 8 | 8 | 8 | 8 | 7 | 8 | 9 | 9 | 9 |
| 8 | 8 | 6 | 9 | 7 | 7 | 6 | 7 | 9 | 8 | 9 |
| 9 | 9 | 8 | 8 | 8 | 8 | 7 | 8 | 7 | 9 | 8 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 |
| 9 | 9 | 8 | 8 | 8 | 7 | 7 | 8 | 8 | 7 | 7 |
| 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 9 | 7 | 6 |
| 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 7 | 7 |
| 8 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 7 | 8 | 7 |
| 6 | 5 | 7 | 7 | 6 | 6 | 5 | 7 | 9 | 8 | 8 |
| 8 | 8 | 8 | 8 | 9 | 7 | 9 | 7 | 7 | 8 | - |
| 8 | 7 | 9 | 8 | 8 | 8 | 9 | 8 | 7 | 8 | 8 |
| 8 | 8 | 7 | 8 | 9 | 7 | 9 | 7 | 7 | 8 | 8 |
| 8 | 7 | 8 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 7 |



The KingFisher® Program: Going Beyond Products

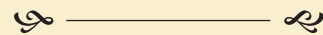
It's about sharing. Two major seed companies agreeing to pool resources to make KingFisher® a leading provider of premium forage and silage products for livestock farmers.

- **Sourcing the top genetics and making hybrid varieties available for a variety of soil conditions and regional climate differences and concerns.**
- **Developing the most sensible plans through research, education, seminars and training sessions.**
- **Creating and sharing the most comprehensive and useful total solution program and packaging it for maximum productivity and profitability for all involved.**
- **Elevating premium forages, including our new corn line, to a high level of excellence in feed for farm animals.**

Our goal with the KingFisher® Program is to use strong agronomics to reduce the risks inherent in farming, and to deliver a consistent and dependable supply of premium feed and forage for healthier livestock. With the efficiency of top products and smart planning we can produce healthier, more wholesome foods for the end consumers.

Farmers Helping Farmers

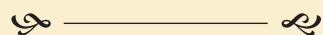
A 19th century poet, Edwin Markham, expressed our belief in the power of shared knowledge and experience rather well:



There is a destiny that makes us brothers.

None goes his way alone.

***All that we send into the lives of others
comes back into our own.***



He must have been a farmer.

KingFisher® elevating livestock
performance

On-Farm Experiences Feeding High-Oil KingFisher' Corn

This is the fifth year that we've used high-oil corn on our farm in northern Indiana, and we're seeing big benefits. We mix KF 56H91 (25%) in our planter as a sidekick with conventional corn (75%)—with excellent yields. We did a feeding trial this winter/spring with our dairy herd. Our farm is organic, and we push for production. But energy can be a limiting factor.

In 2015, we harvested Masters Choice corn sidekicked with KF 56H91 high-oil corn, put it in ag bags and fed it to our herd until January. Then, for about 2.5 months, we switched to conventional MC corn only. On March 31, 2015, we scored our cows, which had lost some weight in the previous few months. On April 20, we started feeding the 25%/75% mixture again.

On June 16, 2015, two months after our cows got back on high-oil corn, Clinton Lewis, our nutritionist, returned to my farm again to score our cows. I wouldn't have been surprised if they'd stayed where they were. He then told me:

"I'm happy with the cows, which have a 3.22 average body score—in spite of the heat and heavy grazing. You have picked up some body weight. Good job!"

Clinton added;

"I got this corn sample back of 4.8% fat on high-moisture corn. I don't think I've ever seen corn with this high a fat level."

"Our CPM predicts an extra 0.4 lb. of body weight per day just by feeding this corn at the same amount."

Samuel Fisher

Another farmer who was thrilled with his results, Enos Beiler, from Montezuma, IN said,

"I fed my cows high-oil corn silage— KF 58H82—for six months. During that time, they milked better than ever before! They produced at least 5 lb. more than previous years over the same time of year, with better body condition."

We also heard from Jonathan Beiler, of Montezuma, IN, who commented,

"This herd is on DHIA. We started feeding corn silage with 25% high-oil corn sidekicked with Masters Choice in October 2014. Our rolling herd average increased by about 3,000 lb. of milk with 80 lb. fat and 70 lb. protein. I certainly believe that high-oil corn has helped us get to the next level of production without losing body condition."

| Date | Milk Production (lb.) | Fat (lb.) | Protein (lb.) |
|--------------|-----------------------|-----------|---------------|
| October 2014 | 23,129 | 929 | 735 |
| October 2015 | 25,971 | 1,050 | 804 |
| June 2016 | 26,457 | 1,003 | 804 |

| Samuel Fisher farm, northern Indiana, 2015-16 | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
|---|--|------|------|------|---|------|---|-----|------|
| | Feeding High-Oil Corn Cows in excellent condition | | | | Feeding Conventional Corn Checked cows' body condition and had lost weight | | Feeding High-Oil Corn Cows gained weight in record warm June | | |



There is a lot of research going on with improving agronomics in high-oil corns. Our current line of high-oil corn does need good soil and is better suited north of I 70 (I 80 in PA). Work with your nutritionist on your total fat content in the dairy ration.



by

Byron Seeds LLC
775 N 350 E
Rockville, IN 47872
(800) 801-3596

King's AgriSeeds, Inc.
1828 Freedom Rd, Suite 101
Lancaster, PA 17601
(717) 687-6224

