

Multi-dose syringe
 A multi-dose syringe is a syringe that can be used to draw up and administer multiple doses of a liquid medication. It is designed to be used with a vial of medication and is typically used for intramuscular or intravenous injections.

Advantages:
 - Reduces the need for multiple vials, saving space and cost.
 - Minimizes the risk of contamination and infection.
 - Allows for precise dosing and easy administration.

Disadvantages:
 - Requires careful handling and aseptic technique.
 - May have a limited shelf life compared to single-dose syringes.
 - Not suitable for all types of medications.

Indications:
 - Intramuscular injections.
 - Intravenous injections.
 - Subcutaneous injections.

Contraindications:
 - Medications that are highly sensitive to air or light.
 - Medications that are highly viscous or contain particulates.

Precautions:
 - Use aseptic technique throughout the process.
 - Do not touch the needle or plunger tip.
 - Discard the syringe after use.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

To minimize losses from at-risk pigs, consider the Palmed Frost.

The diagram illustrates the pig's body with various parts labeled, including the Palmed Frost product. The labels include: Head, Neck, Back, Tail, Leg, Hoof, Ear, Eye, Snout, and Palmed Frost. The Palmed Frost is shown as a white, textured material applied to the pig's body.

Palmed Frost
 A white, textured material applied to the pig's body, used for protection and treatment.

Benefits:
 - Protects the pig's body from environmental factors.
 - Reduces the risk of infection and disease.
 - Improves the pig's overall health and productivity.

Indications:
 - At-risk pigs.
 - Pigs with skin conditions.
 - Pigs in stressful environments.

Contraindications:
 - Pigs with severe skin damage.
 - Pigs with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.
 - Avoid contact with eyes and mucous membranes.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

Help...

The advertisement shows a piglet in a field and a piglet in a cage. The piglet in the field is healthy and happy, while the piglet in the cage is sick and weak. The text explains the benefits of a certain product for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
 - Piglets with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

Suvaxyn[®] MFI-one

The advertisement shows a piglet and a syringe. The text describes the benefits of Suvaxyn MFI-one for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
 - Piglets with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

XL3

The advertisement shows a piglet and a syringe. The text describes the benefits of XL3 for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
 - Piglets with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

Don't

The advertisement shows a piglet in a field and a piglet in a cage. The text explains the benefits of a certain product for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
 - Piglets with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

3 "The Cambridge 23 delivery system and other 3 products."

The advertisement shows a piglet and a syringe. The text describes the benefits of Cambridge 23 for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
 - Piglets with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

Restone

The advertisement shows a piglet and a syringe. The text describes the benefits of Restone for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
 - Piglets with severe allergic reactions.

Precautions:
 - Use according to the manufacturer's instructions.

References:
 - [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]

Don't you

The advertisement shows a piglet in a field and a piglet in a cage. The text explains the benefits of a certain product for piglets.

Benefits:
 - Improves piglet health and productivity.
 - Reduces the risk of infection and disease.
 - Improves the piglet's overall well-being.

Indications:
 - Sick piglets.
 - Piglets with weak immune systems.

Contraindications:
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Precautions:
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January - February 2004
 AASV Industry Support Council advertising
 Click a thumbnail to view the advertisement

Now with even **more** combinations, it's easier to find the best match for your operation.



Only FluSure™ and its approved combinations give you this kind of choice in vaccines, which allows for more flexibility in managing your individual operations.

More combinations lead to fewer injections, reducing labor and animal stress. They also allow you to protect against more diseases.

FluSure is a safe, effective, bivalent (H1N1 and H3N2) swine flu vaccine. It also works in combination with market leaders RespiSure-ONE®, RespiSure®, ER Bac® Plus, FarrowSure® Plus or FarrowSure Plus B. And every FluSure product contains Amphigen®, the industry-leading adjuvant.

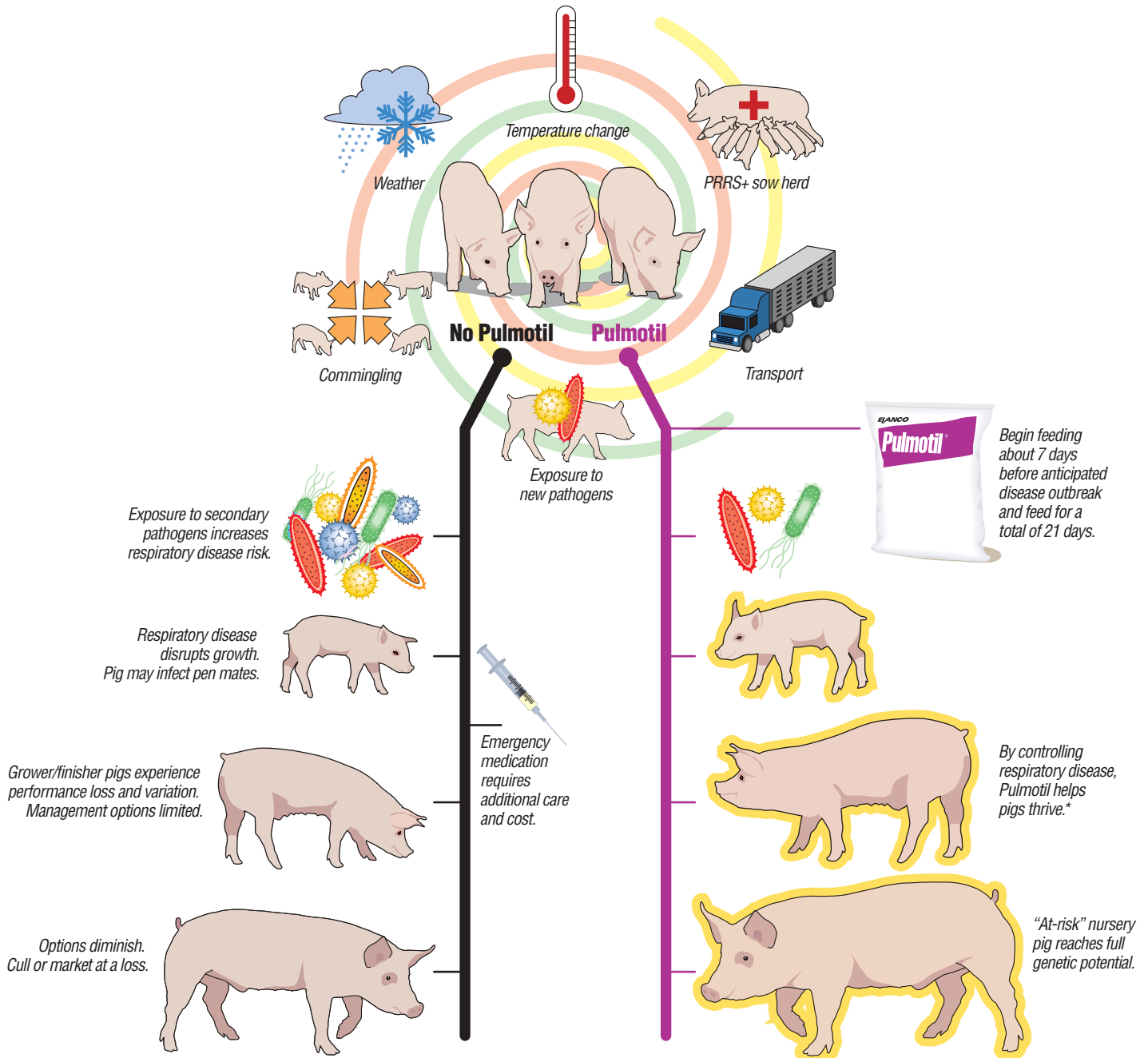
You'll really appreciate the flexibility and convenience offered by this entire line.



The Product Line for Your Bottom Line.™
www.pfizerpork.com



To minimize losses from at-risk pigs, consider the Pulmotil® route.



If your nursery mortality rate exceeds 2% or pigs gain less than 0.85 lbs./day, they're at risk. Adding Pulmotil 7 days before an anticipated respiratory disease outbreak* helps minimize risk and keep pigs on track to reach their full genetic potential.

*Pulmotil approved for respiratory disease caused by *App* and *Pm*.

CAUTION: Federal law limits this drug to use under the professional supervision of a licensed veterinarian. Animal feed bearing or containing this veterinary feed directive drug shall be fed to animals only by or upon a lawful veterinary feed directive issued by a licensed veterinarian in the course of the veterinarian's professional practice.

Pulmotil® is a trademark for Elanco's brand of tilimicosin. Elanco®, Pulmotil® and the diagonal color bar are trademarks of Eli Lilly and Company. ©2003 Elanco Animal Health.

For more information, ask your veterinarian about Pulmotil or call 1-800-428-4441.

www.elanco.com
elanco@elanco.com



USE RESPONSIBLY.



Help...

for today's PRRS problem



Raising hogs today is certainly NOT a day at the beach. Despite the best bio-security efforts and routine swine health practices, PRRS can unexpectedly hit herds hard – with devastating results.

That's why Boehringer Ingelheim Vetmedica developed Ingelvac® PRRS ATP swine vaccine. It's a new option to reduce the economic losses caused by the specific North American PRRS virus. Ingelvac PRRS ATP swine vaccine can significantly reduce viral circulation and provide consistent, repeatable control of the PRRS virus*. This new vaccine can minimize the impact of PRRS on herd health and the product is very cost effective.

Ask your veterinarian about Ingelvac PRRS ATP. Or call Boehringer Ingelheim at **1-800-325-9167**. Our PRRS experts are ready to help – **Save Our Swine**.



* Product not approved for use in pregnant sows, adult boars, sows or gilts.

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Ingelvac is a registered trademark of Boehringer
Ingelheim Vetmedica, GmbH, Ingelheim, Germany.
Always read, understand and follow the label directions.
BI S127831-A-13 3/03

Suvaxyn[®] MH-one

**Uniquely formulated
for one-dose administration!**

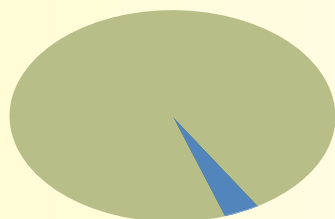
- Dual adjuvant system

Duration of immunity

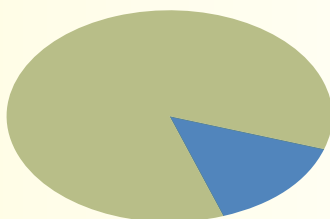
- 182 days duration of immunity label claim.

Proven Efficacy

- 75% reduction in lung lesion scores.



3.6%
Vaccinates



14.6%
Controls

- Pigs were challenged at 182 days post vaccination.

Field Safety Trials

- 100% reaction free!
- Four separate trials conducted on 840 pigs

“This vaccine showed an excellent safety profile. I saw no anaphylaxis or injection site reaction in any pigs. The pigs continued to eat and drink well and no slowing of growth was observed. I have now performed approximately 8 to 10 product safety trials and this vaccine showed one of the best safety profiles.”

Dr. Robert Simer, DVM
Panhandle Veterinary Clinic
Perryton, Texas



50-dose vial

250-dose vial

Labeled for use at
3 weeks of age or older

FORT DODGE[®]

**One Company.
One Step Ahead.**

INTRODUCING MAXIVAC® EXCELL™ 3

XL3

Suddenly,
swine flu
has nowhere
to hide.

MaxiVac Excell 3 is the **first and only** swine flu vaccine with **two H1N1** strains (classical and reassortant), plus proven protection against both the **original and newer H3N2 strains**. No SIV vaccine provides broader coverage. All MaxiVac Excell 3 antigens are carefully screened and **balanced for optimum performance**. And because it contains **Emunade®**, you can vaccinate with confidence in barn after barn. More science, more protection, more confidence. **That's MaxiVac Excell 3.**

Contact your veterinarian, animal health supplier or Schering-Plough Animal Health Corporation representative today.

1 - 8 7 7 - N E E D X L 3

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Get more when you step up with Paylean.

Your operation already performs well, but it will do even better with the right tools—like Paylean.

Considering Paylean?

Step 1

Paylean constant dose 4.5g/ton

- Better performance¹ (compared to no Paylean):
 - 9.2% higher average daily gain
 - 7.4% better feed efficiency
- Increased lean premiums
- Reduced tailenders and lightweights*

*Increase in average daily gain allows more pigs to meet target weight

Step 2

Paylean step-up dose 4.5g/ton for 3 weeks + 9g/ton for 2 weeks

- Best performance¹ (compared to no Paylean):
 - 16.3% improved average daily gain
 - 13% better feed efficiency
- Highest yield
- Highest lean premiums
- Fewest tailenders and lightweights*



¹ Armstrong, T. et al. Evaluation of Paylean step-up use programs in commercial pigs. AASV annual meeting, 2003.

Always read and follow label directions for proper mixing and handling. Approved for use only in finishing swine from 150-240 lbs. Paylean® is a trademark for Elanco's brand of ractopamine. Elanco®, Paylean® and the diagonal color bar are trademarks of Eli Lilly and Company. © 2003 Elanco Animal Health. All rights reserved.

23

“The Camborough® 23 delivers where and when it counts.”

Jon Hoek, Belstra Milling Co.

Good Mothers

| | Parity 1 | Parity 2 | Parity 3 | Parity 4 |
|---------------------------|----------|----------|----------|----------|
| Lactation length (days) | 18.80 | 18.56 | 17.55 | 17.40 |
| Piglet birth weight (lbs) | 3.45 | 3.74 | 3.76 | 4.00 |
| Pig weaning weight (lbs) | 12.19 | 12.25 | 12.10 | 13.00 |
| Farrowing Rate, (%) | 93.70 | 89.30 | 93.40 | 90.20 |

“

They eat well and milk well, which makes fostering easier with consistently good weaning weights.

*- Joe Younce
Morgan Hill Manager*

“

Over four parities, the Camborough® 23 continues to illustrate its durability in our production system.

*- Jon Hoek
Production Strategy,
Swine Division
Belstra Milling Co.*

Tough Mothers

| | Parity 1 | Parity 2 | Parity 3 | Parity 4 |
|---|----------|----------|----------|----------|
| Total Born | 11.30 | 11.54 | 11.31 | 11.90 |
| Born Alive | 10.57 | 10.57 | 10.38 | 11.10 |
| Pigs weaned per litter | 9.57 | 9.36 | 9.41 | 9.50 |
| Females that originally entered the herd and farrowed 1 thru 4 litters, (%) | 98.60 | 90.30 | 80.60 | 69.00 |

Camborough® 23

About the Farm:

Morgan Hill Farm, originally constructed in the early 1990s, is a 600 sow farrow to finish operation. A top performing farm in its own rights, the facility was managed by Mr. Joe Younce during this trial and is part of the Belstra Group.

Morgan Hill Farm is just one of the participants in the product evaluation of the Camborough® 23 in the US marketplace. Gilts were introduced to eight commercial farms of varying size and geographic locations in the fall of 2001.



1-888-742-7442
www.pic.com/usa



Reduced viral shedding.

Think of all the reasons to include FluSure™ in your swine flu control program. Now add a new efficacy claim: reduced viral shedding—confirmed by two rigorous challenge studies.^{1,2}

Safe for pregnant sows.

Three field safety studies have also led to a second new claim: safety in pregnant sows and gilts.^{3,5}

Duration of immunity.

And there's a third new claim: duration of immunity against the H3N2 strain of swine flu for at least ten weeks.⁶

When you add up all the reasons—including the many advantages of Amphigen®, the industry's leading adjuvant—FluSure is clearly the best choice. Available in time- and labor-saving combinations.

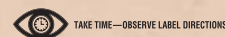
FluSure™




The Product Line for Your Bottom Line.™
www.pfizerpork.com

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FSR03090

¹ Study 2124C-60-01-009, Data on file, Pfizer Inc
² Study 2124H-60-01-060, Data on file, Pfizer Inc
³ Study 2424H-60-01-047, Data on file, Pfizer Inc
⁴ Study 2124A-60-01-005, Data on file, Pfizer Inc
⁵ Study 2424H-60-01-049, Data on file, Pfizer Inc
⁶ Study 2124H-60-02-019, Data on file, Pfizer Inc





**Your gilts can't tell you when
they're going to come into heat.
But now you can tell them.**



Introducing MATRIX™ (altrenogest). Synchronizes estrus for maximum operational efficiency.

When you breed groups at the same time, the benefits echo through your production chain. That's why new MATRIX is such an important breakthrough in swine production. MATRIX allows you to synchronize estrus for more focused breeding. When gilts are bred together, they farrow together. Their pigs are weaned together, grow together and finish together. And that means your packer can expect a more consistent product. So ask your veterinarian or animal health provider about new MATRIX. It synchronizes estrus, so you can synchronize pig flow and optimize profitability. **Make Their Schedule Fit Your Schedule.**