

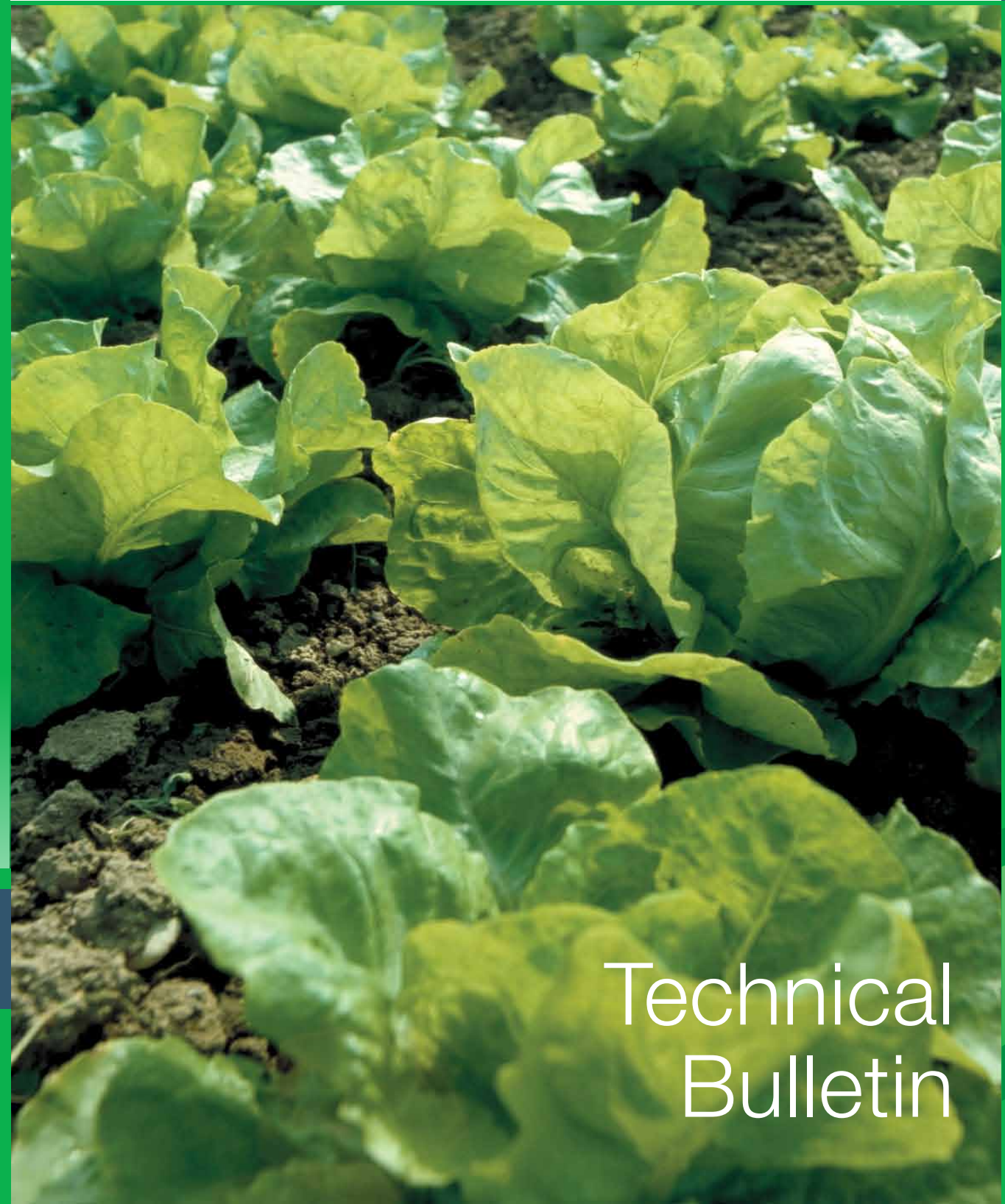
How is FarMore FI400 Leafy different from current practices in lettuce production?

	FarMore FI400 Leafy	Current Industry Practices	The Benefit
Meeting Grower Needs	✓	✗	FarMore FI400 Leafy contains thiamethoxam, a systemic insecticide that is absorbed and redistributed inside the plant system. This allows for a sustained action of the product to provide protection against harmful sucking and chewing pests of lettuce (including aphids) from the beginning of plant establishment. Current in-furrow products are subject to environmental effects and leave a degree of uncertainty.
More Than Insect Protection	✓	✗	FarMore FI400 Leafy combines three different fungicides in addition to the insecticide; thereby helping protect the seed and young plants from damaging pathogens. Current standards do not offer the broad-spectrum disease protection of FarMore FI400 Leafy.
Convenience and Insurance To The Lettuce Grower	✓	✗	Lettuce seed is valuable. Every seed must produce a plant, and every plant must be protected from the start. FarMore FI400 Leafy provides the safeguard of pest protection to the lettuce seed through the early season of growth and development and well into the season. Conventional procedures are piecemeal and labor intensive.
Safety To The Lettuce Crop	✓	✗	By virtue of providing protection from the beginning, FarMore FI400 Leafy eliminates the need to repeatedly walk lettuce fields. Minimizing human traffic in the field is an important advantage. Also, Syngenta offers service and support, which can prove to be vital in calculating the value of your crop.
Syngenta Total Value To The Grower	✓	✗	FarMore FI400 Leafy is compatible with other suitable soil- and foliar-applied products to provide a comprehensive solution for lettuce growers. In addition, Syngenta has a strong pipeline of products in development for lettuce.
Investment in Industry Growth	✓	✗	Investing in the long-term health of the industry, Syngenta supports various grower and vegetable industry organizations.



 **FarMore® FI400**
Leafy

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Optimize Productivity and Profitability with FarMore FI400 Leafy

Lettuce is a high-value leafy vegetable crop grown in select regions of the United States. Lettuce growers carefully monitor and administer proper disease and insect control programs to obtain a successful crop. However, many of these programs utilize conventional foliar- or soil-applied products that require intense labor and precise timing. Fortunately, growers have another, more convenient tool that protects high-value lettuce – FarMore® FI400 Leafy fungicide/insecticide seed treatment.

Broad-spectrum Disease Protection from FarMore FI400 Leafy

FarMore FI400 Leafy offers the first comprehensive combination of separately-registered seed protection products, proprietary application technologies and dedicated seed treatment services to help lettuce growers protect their high-value crop from the start. FarMore FI400 Leafy contains mefenoxam (Apron XL®), fludioxonil (Maxim®) and azoxystrobin (Dynasty®), three proven and complementary fungicides that provide the first line of defense and protection against several key seed and seedling diseases, including:

- *Pythium* damping off (caused by *Pythium spp.*)
- Seedling blight (caused by *Rhizoctonia sp.*)



The three fungicides in FarMore FI400 Leafy are directly or collectively effective against these pathogens and often complement genetic tolerances to the diseases they cause. Management of lettuce diseases requires a comprehensive knowledge of the pathogens, the environmental conditions and the host itself.

The key to the success of this on-seed approach is that fungicides are present around the seed at planting and during germination, therefore warding off any challenge that may be caused by the pathogens in the soil or on the seed. With this approach, the grower is not required to play “catch-up” with the diseases, which can be ineffective and very expensive. In addition, FarMore FI400 Leafy offers three different but complementary fungicide active ingredients, expanding the spectrum of activity against pathogenic fungi, thereby protecting plants during the critical stage of lettuce crop establishment.

Early-season Insect Protection from FarMore FI400 Leafy



FarMore FI400 Leafy contains thiamethoxam, a second generation neonicotinoid that is widely used as a seed treatment to protect against early-season insect pests. Thiamethoxam is highly systemic and, by virtue of its high water solubility, the active material is absorbed and distributed in the roots and shoots of the plants. Thiamethoxam is scientifically proven to offer growers more robust and vigorous plants even in the absence of insects.

The early-season insect protection offered by FarMore FI400 Leafy can prevent or eliminate damage caused by various aphids, leafminers, whiteflies and thrips. In certain cases, the early-season insect protection offered by FarMore FI400 Leafy may also reduce the infection and spread of certain viral diseases vectored by these insects.

The following table lists the application rates and the expectations of FarMore FI400 Leafy for insect protection of the lettuce crop.

SEEDING RATES Seeds per acre	Milligrams thiamethoxam per seed	Expected level of protection against important insect pests
Up to 160,000	0.7	Early-season protection against aphids, leaf miners, flea beetles
160,000 - 260,000	0.46	Early-season protection against aphids, leaf miners

Important: Do not use at a rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per season. ALWAYS FOLLOW LABEL RATES. SPECIFIC APPLICATION RATES ON A PER SEED BASIS SHOULD FIT WITHIN THE FRAMEWORK OF THE APPROVED LABELED USE RATES OF THE CRUISER 70WS LABEL. AS GUIDANCE, THE SUGGESTED RATES AND EXPECTED LEVEL OF PROTECTION ARE FOR THE POPULAR SEEDING RATES AGAINST IMPORTANT INSECT PESTS.

