

2026

PRODUCT GUIDE



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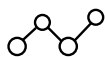
YieldMaster Solutions is a **LEADING PROVIDER OF INNOVATIVE BIOLOGICAL SOLUTIONS.**

Specialized in delivering high-quality biological products that enhance crop health and improve yield potential; we offer a robust product portfolio for multiple crop types to meet specific operation and application needs. Focusing on research, we bring proven, cutting-edge technologies to the agricultural industry in order to address the challenges faced by farmers.



Integrity

Serving as trusted advisors, guiding with honesty and expertise towards success.



Proven Solutions

Delivering transformative outcomes through data-driven product offerings that harness greater ROI potential and overall plant health.



Innovative

Relentless commitment to innovation, driving toward continually pushing boundaries and pioneering new possibilities.



ROI Commitment

Resolutely dedicated to maximizing ROI by delivering tailored solutions that generate measurable and sustainable value.

UNBIASED INDEPENDENCE DEVOTED TO INTEGRITY

With the foundation of improving overall plant health and ROI, YMS takes a rare approach to promoting biotechnology.

Our discovery process hones in on two key factors:

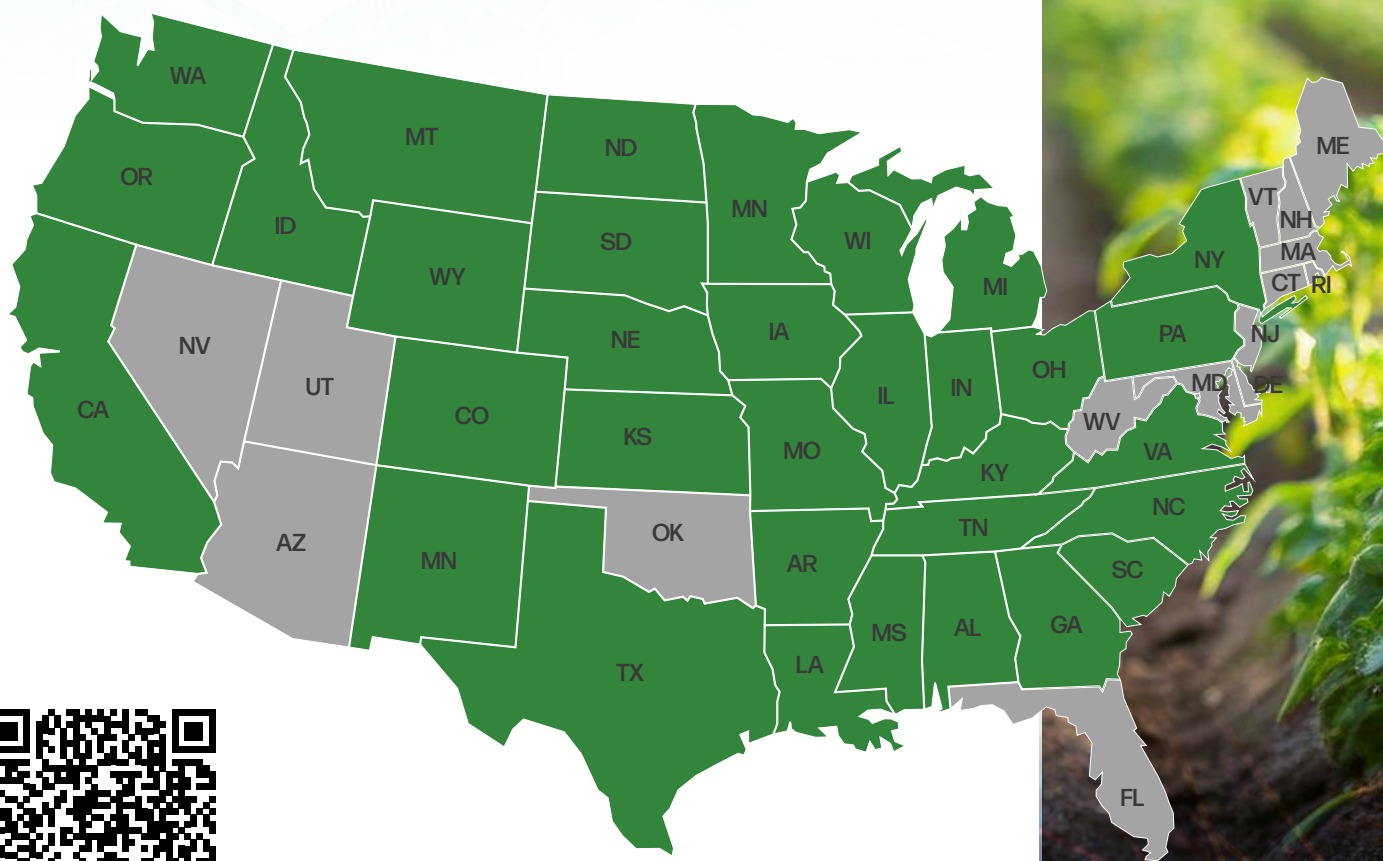
1. Does it work?
2. Does it enhance the grower's ROI?

As a fiercely independent organization, we choose to identify and ground truth rather than manufacture.

All environmentally sound products that have shown the ability to improve plant health or function must earn their way into our elite portfolio through our Proof of Concept Trials.

YMS is equally selective about the technology partners we choose to align with. Partners must align with the YMS model for innovation and performance.

PROOF OF CONCEPT TRIAL LOCATIONS



Scan the QR Code for
more Proof of Concept
information.

PRIMING • NOURISHING • ENHANCING **FULL SEASON CROP CARE**

Unlocking Plant Potential Through Purpose-Driven Solutions

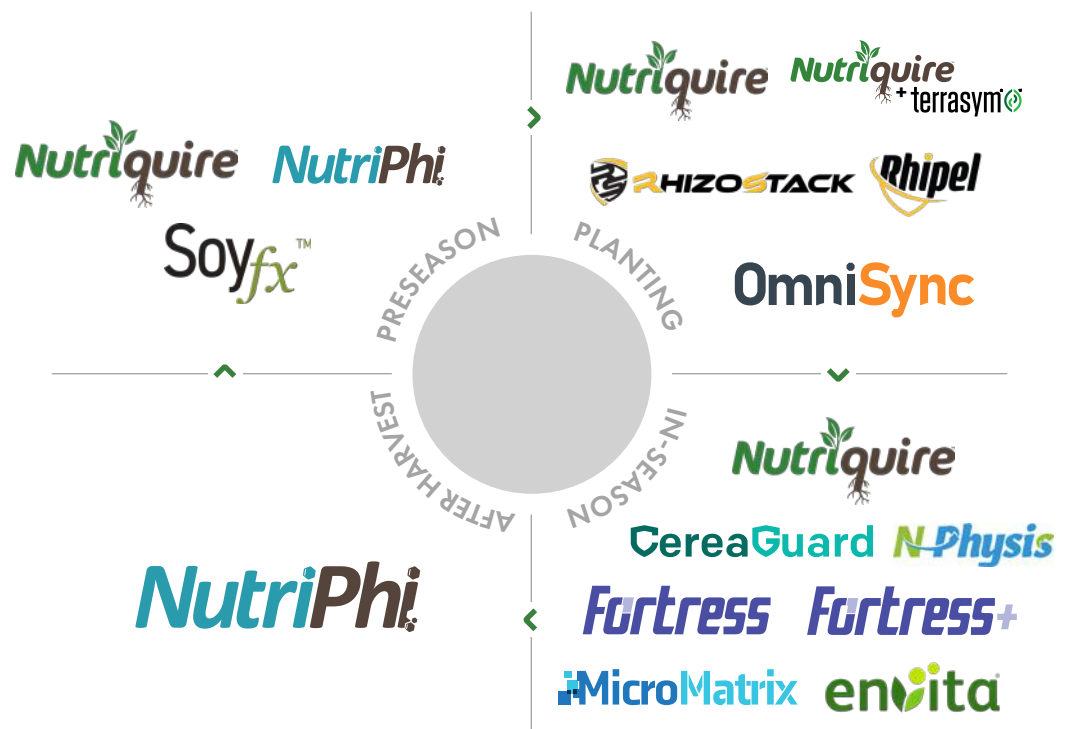
Every crop has untapped potential, and every growing season presents its own set of challenges and opportunities. At YieldMaster Solutions, our portfolio is built around a simple but powerful concept: supporting the plant at every stage.

We organize our technologies into three key categories, each addressing a critical need:

- **Priming the plant**
with stress-mitigating solutions that help it withstand pressures.
- **Nourishing the plant**
with targeted nutrition to fuel growth and development.
- **Enhancing the plant**
with microbial innovations that unlock biological power and long-term sustainability.

By aligning our products to these roles, we provide growers with a clear, strategic approach – ensuring every input delivers meaningful value, season after season.

PRODUCTS FOR TIME OF YEAR



PRODUCT RECOMM

		Crop Stress Relief	Soil Health	Micronutrient Enhancement	Nitrogen Fixing	Phosphorous Solubilizer	Seed Treatment Option
PRIMING	Fortress	•		•			
	Fortress+	•		•			
	CereaGuard	•		•			
NOURISHING	MicroMatrix	•	•	•			
ENHANCING	Fertility & Nutrient Management	N-Physis	•		•		
		envita	•		•		
		Soyfx™	•			•	•
	Soil Health	Nutriquire	•	•	•	•	
		Nutriquire terrasym	•	•	•	•	
		RHIZOSTACK	•	•			
		OmniSync	•	•	•	•	
	Crop & Manure Management	NutriPhi		•	•	•	
	Bio-Control	RHIZOSTACK Rhipel	•	•			

RECOMMENDATION CHART

Talc/Graphite Replacement	Starter Tank Mix Option	Fertilizer Enhancement	Protein Enhancement	Tonnage Increase	Foliar Option	Planter Box Option	Residue Management	Soil Compaction	Manure Nutrient Enhancement
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PRIMING ***THE PLANT***



Scan the QR Code
for more details.

Fortress is a liquid biostimulant built on vinasse, amino acids, and key micronutrients. It is designed to reduce flower abortion, improve uniformity, and help crops push through stress during critical growth stages. With bioactive compounds that activate plant metabolism, Fortress sets the foundation for strong yields.

KEY BENEFITS

- Reduces flower abortion and improves stand uniformity
- Enhances nutrient use efficiency for stronger growth
- Mitigates stress from drought, frost, and heat

FOR USE ON MULTI-CROP APPLICATION

16-32 OZ / ACRE
FOLIAR

PACKAGING

- 2.5 gal



Scan the QR Code
for more details.

Fortress+ combines the bioactive foundation of Fortress with added potassium and key micronutrients (boron, manganese, zinc). It is formulated to support crop stress recovery, flowering success, and to drive pod fill and grain weight during reproductive stages.

KEY BENEFITS

- Builds on the flower retention and stress-mitigation benefits of Fortress
- Added potassium supports carbohydrate movement, pod/seed fill, and kernel weight
- Enriched with boron, manganese, and zinc to strengthen reproductive success and improve nutrient use efficiency

FOR USE ON MULTI-CROP APPLICATION

32 OZ / ACRE
FOLIAR

PACKAGING

- 2.5 gal



Scan the QR Code
for more details.

CereaGuard is a foliar nutrition solution enriched with Ascophyllum nodosum seaweed extract and essential nutrients. It is designed to support early stress recovery, tillering, flowering, and grain fill in small grains and row crops, leading to more uniform maturity and higher yield potential.

KEY BENEFITS

- Stimulates tillering and supports flowering
- Enhances nutrient uptake and stress resilience
- Promotes uniform head formation and maturity

FOR USE ON SMALL GRAINS APPLICATION

16-32 OZ / ACRE
FOLIAR

PACKAGING

- 2.5 gal

A photograph of two young green seedlings growing out of dark, rich soil. The background is a soft-focus field of similar plants under a bright sky. A semi-transparent hexagonal grid pattern is overlaid on the right side of the image, with some hexagons containing faint line graphs or bar charts, suggesting a connection to agriculture and technology.

NOURISHING
THE PLANT



Scan the QR Code
for more details.

MicroMatrix is a complete foliar nutrition tool designed for row crops. By combining essential micronutrients (Mn, Cu, Zn, Mg, Fe, B) with nitrogen, potassium, and sulfur, it delivers balanced nutrition that crops need throughout the season. The amino acid chelation makes these nutrients more available, more mobile, and more effective than traditional forms.

KEY BENEFITS

- Covers hidden hunger: A balanced blend of micros (Mn, Cu, Zn, Mg, Fe, B) plus N, K, and S provides complete nutrition to support crop growth and yield.
- Different than EDTA: Amino acids naturally chelate nutrients, making them easier for the plant to absorb and keeping them available even in tough soils (high pH or salts).
- Superior foliar performance: Because amino acids are plant-friendly, nutrients move quickly into the leaf and throughout the plant, leading to faster correction of deficiencies and stronger crop response.

FOR USE ON MULTI-CROP

APPLICATION

16 OZ / ACRE
FOLIAR

PACKAGING

- 2.5 gal

Micronutrients are required throughout the growth cycle

GROWTH STAGE



**Germination and
Establishment**

Fe, Zn,
Mn

**Vegetative
Growth**

Fe, Mn,
Cu, B

**Flowering and
Reproduction**

Fe, B,
Zn, Mg

**Maturity and
Senescence**

Cu, Mo,
B, Zn,
Mg

Micronutrients essential to support growth process



ENHANCING
THE PLANT



Scan the QR Code
for more details.

Nutriquire is a microbial-based product that increases the active biomass in the soil. Nutriquire introduces microbes into the soil resulting in improved plant vigor and nutrient cycling. Many of the bacteria found in Nutriquire are spore forming bacteria allowing for flexible mixing and application options.

KEY BENEFITS

- Enhances fertilizer by increasing plant nutrient uptake
- Improves availability of phosphorus and potassium
- Increases root mass growth
- Improves soil environment for plant growth by building the aerobic zone of the soil

FOR USE ON MULTI-CROP

APPLICATION

32 OZ / ACRE
IN-FURROW/FOLIAR

PACKAGING

2x2.5 gal • 275 gal



Scan the QR Code
for more details.

Nutriquire + Terrasym is a synergistic combination of spore forming microbials and siderophores applied in the planter box providing ease of use, improved plant nutrient uptake and ROI.

KEY BENEFITS

- Improved soil nutrient uptake
- Allows for greater iron and manganese uptake
- Provides protection around the seed through competitive exclusion

FOR USE ON CORN | SOYBEANS

APPLICATION

0.5 OZ/UNIT OF SEED
PLANTER BOX

PACKAGING

- Soybeans - 6x20 oz
- Corn - 8x12.5 oz

5.4 bu/acre advantage when applying Nutriquire. We're sold on this product as it provides an ROI for our farm operation.

- Jon-Garrett H.
Fairgrove, MI



Scan the QR Code for more details.

OmniSync is designed to put all aspects of your small grain crop into balance from start to finish using micronutrients, fungi, beneficial bacteria, and seed lubricant.

KEY BENEFITS

- Enhanced nutrient and water uptake
- Increased pest resistance
- Key bacteria that fix nitrogen and unlock phosphorus

FOR USE ON SMALL GRAINS

APPLICATION

2 OZ TREATS 50 LBS OF SEED
PLANTER BOX

PACKAGING

- 320 oz. pail



Scan the QR Code for more details.

RhizoStack for corn and soybeans is designed to improve nutrient uptake leading to enhanced tolerance of abiotic stress, early season root development & higher yields. The added seed lubrication & seed flow properties allow for ease of use during planting.

KEY BENEFITS

- Improved soil nutrient uptake
- Allows for greater iron uptake
- Minimizes dustiness & residue transfer
- A cleaner, safer replacement for talc/graphite
- Promotes early plant and root development
- Contains unique strains of beneficial microbes called PPFMs

FOR USE ON CORN | SOYBEANS

APPLICATION

0.5 OZ PER UNIT OF SEED
PLANTER BOX

PACKAGING

- Corn - 25 oz. Package
- One package treats 50 units of corn seed
- Soybeans - 20 oz. Package
- One package treats 40 units of soybean seed



Scan the QR Code for more details.

N-Physis is a wettable-granular, nitrogen fixing bacteria, that allows a sustainable source of nitrogen to be available to the plant from application through harvest. By penetrating the cell wall, N-Physis can colonize within the plant cell while capturing nitrogen from the air around it and delivering it to the crop where and when it is needed. N-Physis works to provide additional nitrogen needed by the plant to meet your desired yields.

KEY BENEFITS

- Captures atmospheric nitrogen from both above and below ground
- Allows another pathway for the plant to receive nitrogen in wet or dry conditions
- Repopulates throughout the plant from root tip to leaf tip

FOR USE ON MULTI-CROP

APPLICATION

0.175 OZ / ACRE
IN-FURROW/FOLIAR

PACKAGING

- 7 oz. (200 g)



Scan the QR Code for more details.

N-fixing bacteria that works from within the plant, applied in-furrow OR foliar, and across crops to supplement nitrogen where and when it's needed.

KEY BENEFITS

- N-fixing bacteria that works within the plant all season long!
- Works throughout the entire plant to supplement nitrogen where & when it's needed.
- Easy to tank mix and apply in-furrow or foliar.
- Backed by a performance guarantee

FOR USE ON MULTI-CROP

APPLICATION

0.8 OZ / ACRE
IN-FURROW/FOLIAR

PACKAGING

- 4x32 oz

We saw a 6-10 bushel yield advantage using Envita on our strip trials.

- Jake J.
LaMoure, ND



Scan the QR Code
for more details.

Soy_{fx}TM is a specific combination of identified and tested microbials that elicit a positive crop response. Soy_{fx} unlocks the plant's ability to produce growth regulators and metabolites that enhance production through biosynthetic pathway efficiencies.

KEY BENEFITS

- Enhances branching per plant and increase in flowers and pods
- Increased nodulation
- Mitigates plant stress
- Aids in hail damage recovery

FOR USE ON SOYBEANS

APPLICATION

2 OZ/CWT
SEED COAT

PACKAGING

- 4x120 oz

Soy_{fx} is crazy! This field was located in sandy dunes and was hailed on three different times. The crop adjuster came out and said the stems were very dry and bruised, the field was almost a total loss. Due to Soy_{fx}, when we finally got the combine in there, the field yielded above average!

- Mike O.
Storden, MN



Scan the QR Code
for more details.

NutriPhi is designed for beef, dairy, and hog operations to help manage biosolids, reduce run-off, and diminish harmful odors in barns, houses, and lagoons. In row crops, NutriPhi is used to promote efficient breakdown of crop residue.

KEY BENEFITS

Crop Residue

- Improves soil health
- Faster chemical degradation
- Better performing crops

Lagoon/ Manure Pit

- Enhances nutrient value of manure
- Digestion of sludge & crust
- Reduces agitation time & cost

APPLICATION

Crop Residue

- 1 – 2 quarts per acre applied directly to residue with a minimum of 15 gallons of water per acre for coverage
- Apply as soon after harvest as possible
- Can also be applied during spring burn-down programs

Swine Manure

- 2.5 Gallons per 2,400 head hog building monthly
- Apply each month that you have missed since pump-out as a shock treatment
- Apply product directly to sections of the hog barn that have the highest solids accumulation
- Begin program with a minimum of 3 months remaining until pump-out

FOR USE ON

LAGOON/MANURE PIT CROP RESIDUE

PACKAGING

- 2x2.5 gal
- 275gal tote

Beef & Dairy Manure

- Apply concentrate product during months when the lagoon is not frozen
- If the lagoon freezes and applications are missed during the winter months, apply the missed amount of product in spring as a shock treatment
- Begin program with a minimum of 3 months remaining until pump-out
- Do not apply in dairy washout systems that contain concentrated amounts of anti-bacterial

See chart for application rates

DAIRY & BEEF		
Size of Herd	Application/ Month	Total Gal/Year
100	2.5 gal	30 gal
500	12.5 gal	150 gal
1,000	25 gal	300 gal



Scan the QR Code
for more details.

RhizoStack Rhipel combines the powerful technology of RhizoStack with a novel mode of action for insect biocontrol Rhipel at the planter box.

KEY BENEFITS

- Triggers the plant's Induced Systemic Resistance (ISR) leading to increased insect protection
- Season long bio-control protection

CROPS & PESTS	
	• Corn Rootworm
	• Fall Armyworm
	• Root Knot Nematode
	• Corn Wireworm
	• Root Knot Nematode
	• Soybean Looper
	• Stink Bug

- Rhipel is an EPA registered biological insecticide

FOR USE ON

CORN | SOYBEANS

APPLICATION

0.5 OZ PER UNIT OF SEED
PLANTER BOX

PACKAGING

- Corn - 25 oz. Package
- One package treats 50 units of corn seed
- Soybeans - 20 oz. Package
- One package treats 40 units of soybean seed

BIOLOGICAL RATES & APPLICATION

Seed Coat

Product	Application Rate oz/ unit	Fungicides	Insecticides	Life on Seed	Storage Temp (F)	Mixing	Atomizer	Nozzle
Soy _{fx} SC	1	Most *In separate tanks	Most	Up to 100 days	39-82°	Alone or slurry	Yes	Yes

Foliar & In-Furrow

Product	Application Rate oz/ unit	Application Timing	Shelf Life	Life in Solution ²	Storage Temp (F)	Storage Conditions	Adjuvant Rec.
Pod _{fx}	16	IF - Foliar	18 Months	4-6 hrs	39-82°	Do not freeze. Keep out of sunlight	Yes
N-Physis	0.175 or 5 grams	IF or V2-V6	2 Years	4-6 hrs	39-82°	Do not freeze. Keep out of sunlight	Yes
Envita	0.8	IF or V2-V6	1 Years	4-6 hrs	39-82°	Do not freeze. Keep out of sunlight	Yes
Nutriquire	32	IF or Foliar	2 Years	72 hrs	39-82°	Do not freeze. Keep out of sunlight	Yes
Fortress	16-32	Foliar	3 Years	NA	Above 40°	Do not freeze. Keep out of sunlight	
Fortress+	32	Foliar	3 Years	NA	Above 40°	Do not freeze. Keep out of sunlight	
MicroMatrix	16	Foliar	3 Years	NA	Above 40°	Do not freeze. Keep out of sunlight	
CereaGuard	16-32	Foliar	3 Years	NA	Above 40°	Do not freeze. Keep out of sunlight	

Planter Box

Product	Application Rate oz/ unit	Application Timing	Shelf Life	Life in Solution ²	Storage Temp (F)	Storage Conditions
OmniSync	2.0	At planting	1 Year	4-6 hrs	33-85°	Do not freeze. Dry place
Nutriquire + Terrasym Corn	0.5	At planting	9 Months	4-6 hrs	39-80°	Do not freeze. Dry place, out of sunlight
Nutriquire + Terrasym Soybean	0.5	At planting	9 Months	4-6 hrs	39-80°	Do not freeze. Dry place, out of sunlight
RhizoStack Rhipel	0.5	At planting	18 Months	4-6 hrs	39-80°	Dry place
RhizoStack	0.5	At planting	18 Months	4-6 hrs	39-80°	Dry place

Crop Residue / Manure Management

Product	Application Rate oz/ unit	Application Timing	Shelf Life	Life in Solution ²	Storage Temp (F)	Storage Conditions
NutriPhi Crop Residue	32 oz/acre	After harvest	2 years	72 hrs	39-80°	Do not freeze. Keep out of sunlight
NutriPhi Manure Management	See Best Practice Guide	Monthly	2 years	NA	39-80°	Do not freeze. Keep out of sunlight

1. FOLLOW APPLICATOR PRESSURE AND APPLICATION SETTINGS

A jar test is recommended to ensure compatibility

YieldMaster Solutions **INNOVATION LEARNING CENTER**

Unlock Knowledge. Drive Innovation. Grow Smarter.

YieldMaster Solutions Innovation Learning Center (ILC) is your gateway to ongoing learning and access to cutting-edge agronomic insights. We believe innovation is fueled by knowledge. The ILC allows you to stay current, curious, and informed.

It is composed of several key resources, each created to help growers, dealers, and agronomy partners stay ahead in a fast-changing agricultural environment.

WHY USE THE INNOVATION LEARNING CENTER?



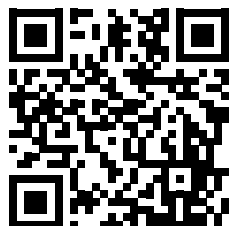
ALLOWS FOR CONTINUOUS LEARNING

Because innovation is an ongoing process, we support your growth with access to training and fresh content 24/7.



HIGHLIGHTS EVIDENCE-BASED DECISIONS

All products in our portfolio must prove their performance through independent trials before being included. These trial insights and product innovations are highlighted on the ILC.



*Scan the QR Code for more information
on the Innovation Learning Center.*



