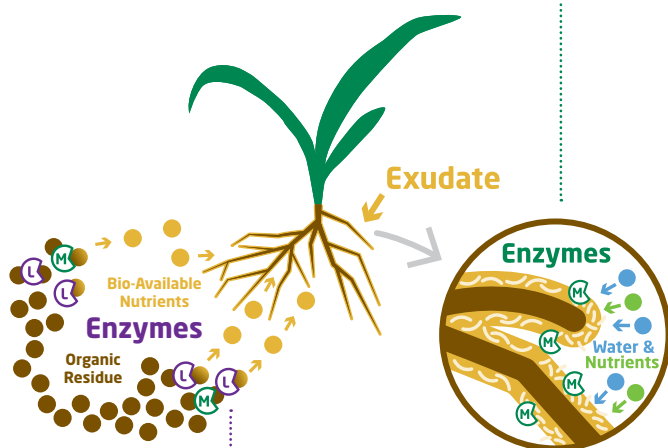


# BRANDT® EnzUp® SeedFlow Zn

## Enzyme Seed Fluency with Zinc

BRANDT EnzUp SeedFlow Zn combines three technologies into one convenient product for planter box applications. The enzyme technology improves plant health and vigor through increased water and nutrient uptake. The SeedFlow technology is designed to provide zinc directly to the seed. Zinc is critical for seed viability and promotes early root and shoot growth. BRANDT EnzUp SeedFlow Zn also contains a seed fluency agent that results in less planting skips and better seed singulation.

**Mannanase enzyme** - breaks down starches in the exudate that surrounds the outermost layer of the root tips. This draws water and nutrients to the root zone and releases sugars to the plant. This boosts root growth and increases microbial activity.



**Lipase enzyme** - its primary function is to break down lipids in root exudates and organic residue in the soil allowing for better water flow and nutrient uptake by the roots.

### Functioning Agents

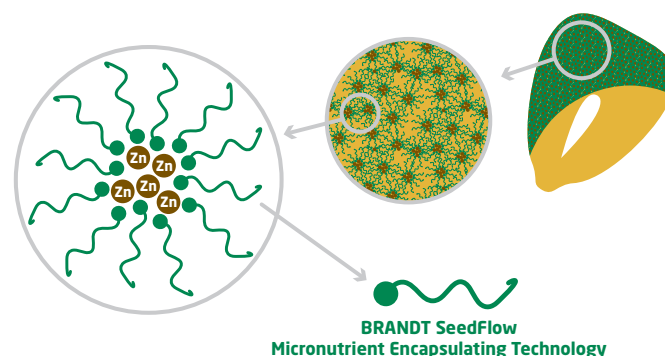
Graphite .....	20%
Talc .....	50%
Wax Lubricant.....	24.4%
Zinc .....	4%
Fe .....	0.7%
Mn .....	0.9%

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Mannanase .....	$1.0 \times 10^8$ $\mu$ Units/mL
Lipase .....	$2.0 \times 10^3$ $\mu$ Units/mL

**BRANDT SeedFlow technology** - dry powder micronutrient encapsulation for improved seed retention and fluency.

- Film forming dry powder
- Improves retention of micronutrients to the seed
- Improves overall seed fluency properties
- Reduces dust-off and residual build-up in planters
- Natural and biodegradable



To learn more or to find a BRANDT distributor near you, download the BRANDT Product Finder App today.



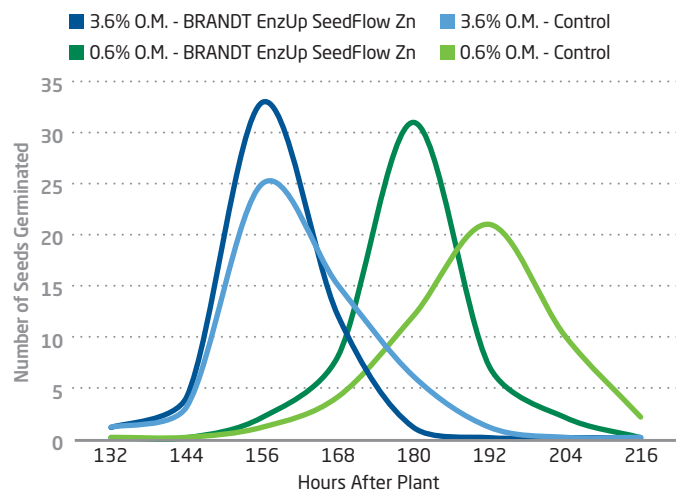
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**BRANDT®**

# BRANDT EnzUp SeedFlow Zn Trial Summaries

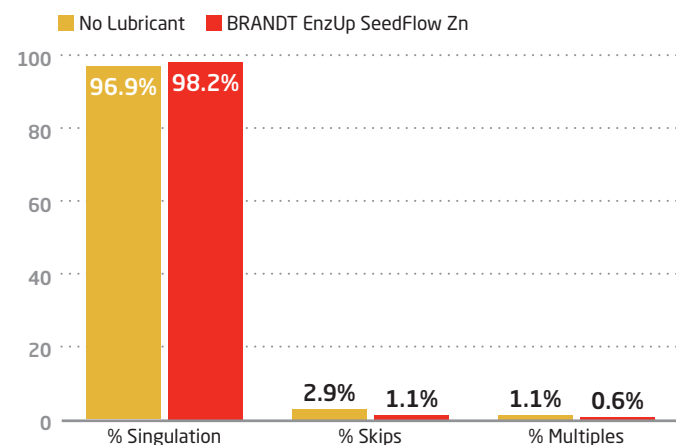
## Impact of BRANDT EnzUp SeedFlow Zn on Germination of Corn Seeds



## Fluency Characteristics

BRANDT EnzUp SeedFlow Zn treated seed easily moves through the planter, improving planter singulation and reducing skips.

Average of 10 seed sources and 3 reps per source.



## Yield

Iowa, 2022	3.8 bu/ac	Advantage
BRANDT EnzUp SeedFlow Zn	196.1	
Control	192.3	
Indiana, 2022	4.2 bu/ac	Advantage
BRANDT EnzUp SeedFlow Zn	246.3	
Control	242.1	
Illinois, 2022	5.6 bu/ac	Advantage
BRANDT EnzUp SeedFlow Zn	275.7	
Control	270.1	