

APEX™

Apex™ seed coating is a carefully formulated mix of minerals, special compounds, and rhizobia bacteria bonded to each seed in a dense, durable coating. Apex™ provides a protected germination zone and micro-environment to ensure seed to plant survivability and to stimulate vigorous growth in young seedlings. Uncoated seed performs well under *perfect* field conditions, but only Apex™ seed coating performs well in *all* field conditions.

how many plants in a bag?

RAW SEED	APEX™ SEED
11,250,000 Seeds Per Bag	7,425,000 Seeds Per Bag
3,600,000 Plants	4,588,000 Plants

- ➔ Increases survivability 50% or more
- ➔ Protected seed germination zone
- ➔ High concentration of rhizobia bacteria
- ➔ Ensures nodulation
- ➔ More uniform stands
- ➔ Improved seedling emergence
- ➔ More plants per pound of seed

3 WEEKS AFTER PLANTING**FALL**

	# Plants Per Square Foot	% Seed to Plants	# Plants Per Square Foot	% Seed to Plants
Uncoated Seed*	29.9	40.4	24.2	32.7
Coated Seed*	40.2	85.5	29.3	62.3

*Seeding Rate 15 LB/Acre

Uncoated Seed**	39.3	40.1	29.4	30.0
Coated Seed**	45.2	71.7	29.8	47.3

**Seeding Rate 20 LB/Acre

Cornell University Data

6 WEEKS AFTER PLANTING

	# Seeds Per Sq. Foot	# Plants Per Sq. Foot	% Emergence of Seed
Uncoated Seed*	84.5	35.38	41.9
Coated Seed**	56.1	33.59	59.9

*Avg. Seeding Rate 18.4 LB/Acre

**Avg. Seeding Rate 18.5 LB/Acre

Testing at 14 locations in AL, KY & TN 1993 - 2000

6 MONTHS AFTER PLANTING

	# Seeds Per Sq. Foot	# Plants Per Sq. Foot	% Emergence of Seed
Uncoated Seed*	84.5	27.8	32.9
Coated Seed**	56.1	26.6	47.4

*Avg. Seeding Rate 18.4 LB/Acre

**Avg. Seeding Rate 18.5 LB/Acre

Testing at 13 locations in AL, KY & TN 1993 - 2000