

# LETTUCE ENHANCEMENT



## PELLETED SEED – WHAT ARE THE BENEFITS?

Pelleting seed increases the efficiency of sowing and provides the seed protection from the elements. In addition, the practice of pelleting seed optimizes oxygen and moisture absorption, increasing your chances of germination and ultimately, growing ease and success!

At Sakata, we work closely with a network of credible and dependable seed coating companies to ensure our seed has the highest probability for success in the full spectrum of production conditions.

Sakata lettuce customers have many convenient choices – raw seed is available primed or non-primed; pellets are available in conventional or organic, primed or non-primed.

## WHEN IT COMES TO PELLETING, DENSITY MATTERS...

Sakata is here to help, and suggests different pellet densities to meet growers needs to “fine-tune” planting to varied soil and weather conditions.

### LIGHTER PELLETS

Weigh less per unit volume (boxes and pails are packed by seed number), so shipping costs are lower and handling is easier. Generally, light pellets are preferred by indoor growers using a vacuum planter.

### HEAVY OR HIGH-DENSITY PELLETS

Are used for precise seed placement in heavier soils. Pellet weight is a factor when considering certain soil conditions and tractor/planter speed, and are the best choice for warmer production areas – such as the desert or other extreme weather locations.

### MEDIUM PELLETS

Fall somewhere in between light and heavy coatings, and are more of a universal option intended for moderate climates or to be used interchangeably depending on grower preference in either the coastal or desert regions.

## OUR SEED COATING & TECHNOLOGY PARTNERS



We Maximize Nature's Potential®



DENSITY	PRIMED	ORGANIC	DISEASE RESISTANCE	COMPANY
Light	No	No	ProPellet L Max	Germains
Light	Yes	No	ProPellet Light Maxi E	Germains
Light	No	Yes	ProBio ProPellet Light Maxi	Germains
Light	Yes	Yes	ProBio ProPellet Light Maxi E	Germains
Light	No	No	Gro-Coat Light	Seed Dynamics
Light	Yes	No	Prep Coat Special Light	Seed Dynamics
Heavy	No	No	Oxykote	Germains
Heavy	No	No	Splitkote	Incotec
Heavy	No	No	Gro-Coat Heavy	Seed Dynamics
Heavy	No	Yes	ProBio Oxykote	Germains
Heavy	No	Yes	Splitkote Organic	Incotec
Heavy	Yes	No	Oxykote E	Germains
Heavy	Yes	No	Splitkote Special	Incotec
Heavy	Yes	Yes	Splitkote Special Organic	Incotec
Heavy	Yes	No	Prep Coat Special Heavy Primed	Seed Dynamics
Heavy	Yes	Yes	ProBio Oxykote E	Germains
Medium	No	No	AlphaKote	Incotec
Medium	Yes	No	Alphakote Special	Incotec
Medium	Yes	No	Prep Coat Special Medium	Seed Dynamics
Medium	Yes	Yes	Pulse Prep Coat Desert	Seed Dynamics
Medium	No	No	ProPellet Heavy Maxi	Germains
Medium	Yes	No	ProPellet Heavy Maxi E	Germains
Medium	No	Yes	ProBio ProPellet Heavy Maxi	Germains
Medium	Yes	Yes	ProBio ProPellet Heavy Maxi E	Germains
Priming	Yes	Yes	XSpecial Organic	Incotec
Priming	Yes	No	Emergis	Germains
Priming	Yes	No	ProBio Emergis	Germains

\* Special treatments, including Thiram and Nipsit, are available to be added upon request

\* For a full list of options available, please contact the Sakata Seed America Lettuce Team at [vegetables@sakata.com](mailto:vegetables@sakata.com).

## WHAT IS PRIMING?

Priming is a process used to control the uptake of water by seed thereby starting the germination process.

## WHY PRIME?

Priming is used to increase the uniformity of emergence and to help alleviate thermodormancy (heat-induced seed dormancy) and photodormancy (seed dormancy in the absence of light).

