

# Agronomic Directions

A Newsletter of Cornelius Seed® Read it. Profit.

April 22, 2015

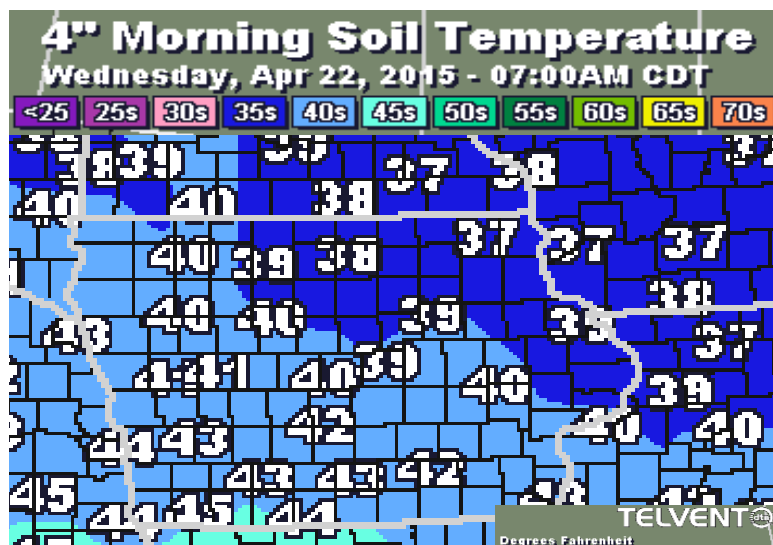
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## 50°F Soil Temperature Is Key For Planting

Map taken from the Wisconsin Corn Growers Association

As the calendar dates keep advancing and we get more anxious to plant, it's important to pay attention to soil temperatures. With the cooler air temperatures we've experienced this week, soil temps have dropped below 50°F.



For corn to germinate, soil temps need to be at least 50°F. If the soil temp is below that and seeds sit dormant in the soil for an extended period of time, they swell with water and begin to rot rather than germinate. Depending on the rising temperatures of the environment, corn typically takes 5-20 days to emerge. Ideal planting dates for Iowa are April 20 to May 5 and with today's equipment size and adequate farm help, planting can be wrapped up in less than a week's time. The ten day forecast has chances of rain, but temperatures begin to rise.

Also be sure soil conditions are fit, planting into wet or cloddy soils can have big impacts on root development. It is ideal conditions if soil 3-4 inches deep crumbles in your hand.

## Planting Plans & Product Placement

Proper product placement is essential in achieving high yields and that is why Cornelius Seed equipped dealers with "Placement Cards" this spring. Above is an example of the card that has an adhesive backing making it easy to stick it directly onto the hybrid or variety packaging so it can be easily visible and accessible when going to the field.

As soon as planting is in full swing, remember to stick with your planting plans so product gets planted in the recommended fields and at the recommended planting rates. Deviating from your plan when in a rush can have negative effects on your yields come fall.

### Corn Percent Planted Week Ending April 19, 2015

	Prev. Year	Prev. Week	April 19, 2015	5-Yr. Avg.
Illinois	4	0	15	21
Iowa	2	0	7	7
Minnesota	0	0	12	6
Missouri	24	4	8	30
Nebraska	4	0	4	5
South Dakota	1	0	5	2
Wisconsin	0	0	1	2

9% of the nation's corn crop is planted compared to the 5-year average of 13%

USDA weekly crop progress reports can be tracked on [AgWeb.com](http://AgWeb.com) for both corn and soybeans.

### Dealer Recommendations

Hybrid/Variety: \_\_\_\_\_

Maturity: \_\_\_\_\_

Plant Population: \_\_\_\_\_

Recommended Field: \_\_\_\_\_

Agronomic Tips: \_\_\_\_\_

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